

# TOSHIBA



## LIGHT COMMERCIAL PRODUCT SPECIFICATION



ENERGY EFFICIENT



CARBON NEUTRAL



INNOVATIVE



CUSTOMER CENTRIC

## > COMMITMENT TO BETTER AIR SOLUTIONS

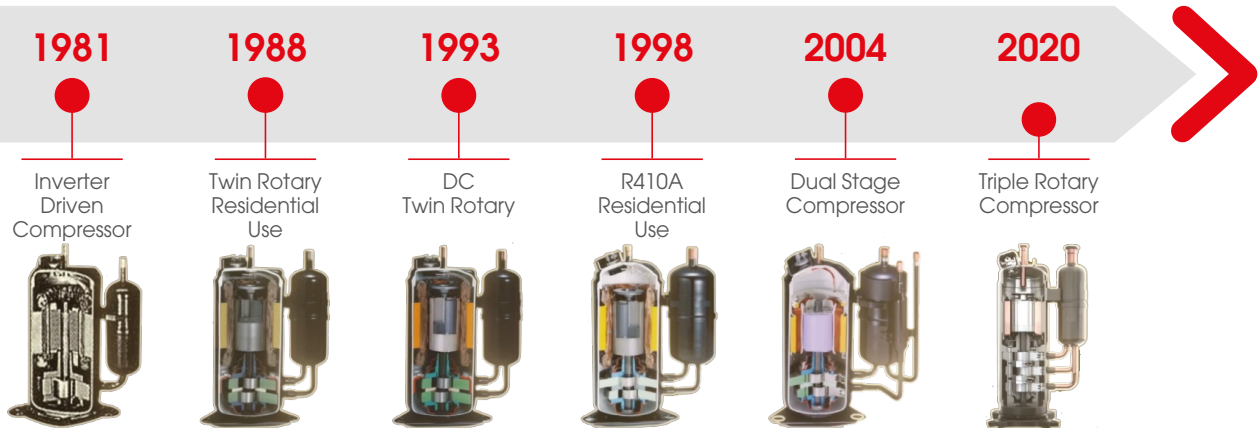


Toshiba Air Conditioning supports Carrier’s 2030 Environmental, Social, and Governance (ESG) goals, including the goal to reduce its customers’ carbon footprint by more than 1 gigaton. We help to address climate change by going further than just products and beyond their basic functions, to create reliable and safe solutions that can interact with each other and with users. With the forward-thinking solutions by Toshiba Air Conditioning, we help deliver healthy, safe and productive indoor environments.

## > CHOOSE THE EXPERT OF INSPIRED TECHNOLOGIES

Since Toshiba Air Conditioning developed and mass-produced the world’s-first inverter split air conditioners for commercial and residential applications in 1980 and 1981, which is a historically significant milestone recognized by the Institute of Electrical and Electronics Engineers (IEEE), inverter technology has been widely used throughout the world to deliver comfort with high energy efficiency.

Inverter technology enables the unit to continuously regulate its cooling and heating capacity by altering the speed of the compressor using a variable-frequency drive to control the speed of the motor. This innovation helps generate outstanding comfort and efficiency levels.



Our commitment to world-class **efficiency**, versatile **scalability** and leading **quality** means we create cutting-edge technologies to find the most forward-thinking solutions possible for your world. Toshiba Air Conditioning is an innovative provider of comprehensive air conditioning solutions with world-class reliability.

## > Top-class energy efficiency

- High volume triple rotary compressor
- Twin rotary compressors
- All climates from -30°C (DAISEIKAI™ 9) to 54°C (MiNi SMMS-e Middle East range)
- Top class A+++ air to water heating solutions with ESTIA™ R32
- Refrigerants with lower environmental impact
- Optimal temperature control solutions with precision

## > Scalable solutions

Toshiba Air Conditioning develops cutting-edge technologies that benefit people by offering the ideal combination of comfort and products that help to protect the environment for residential, light commercial and large building applications.

## > Superior manufacturing quality

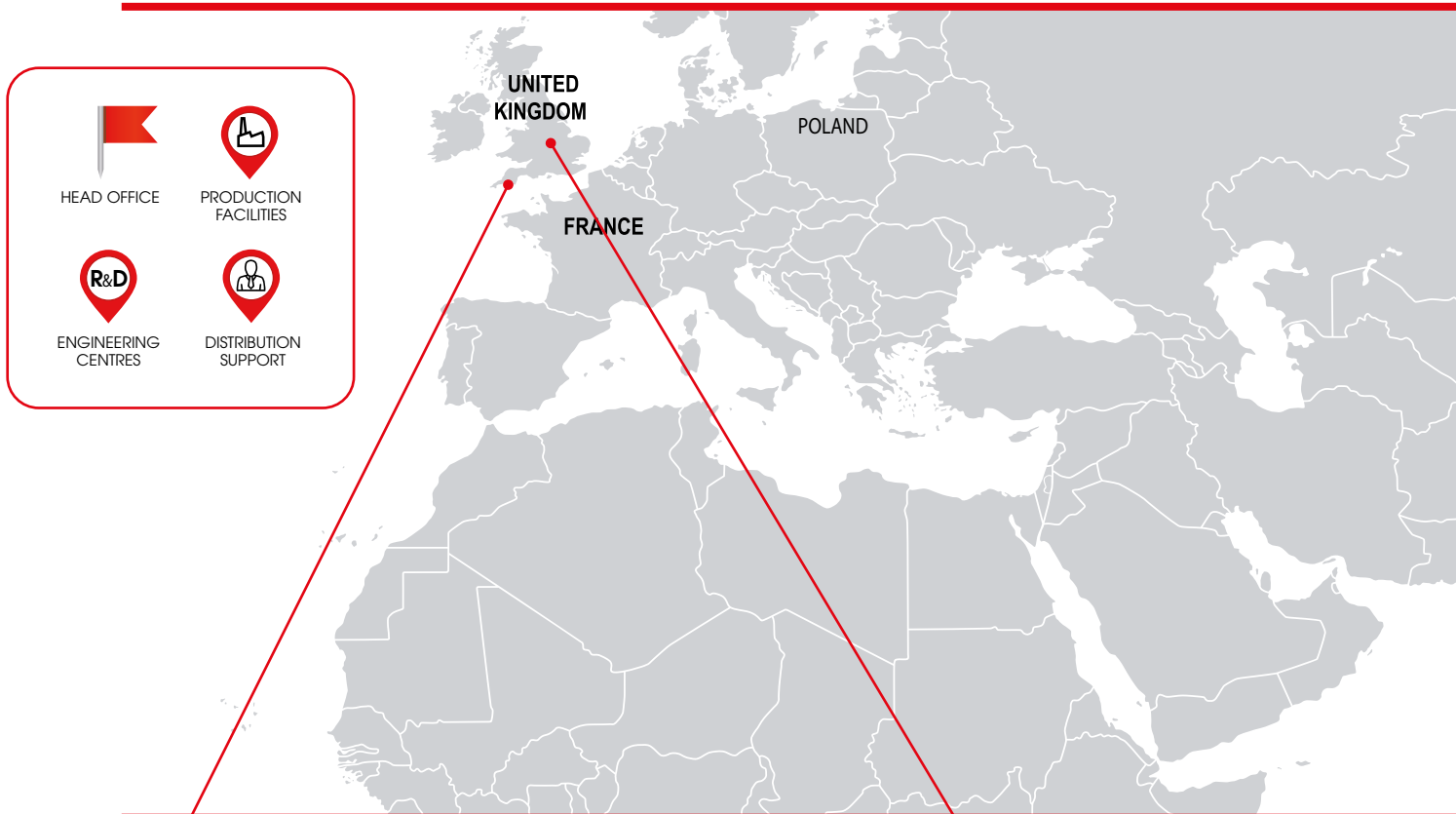
Toshiba Air Conditioning's innovations provide comprehensive building air conditioning solutions which have been subject to strict evaluation testing to offer world-class reliability.

Third party institute certifications for quality, safety and performance, guaranteed (TÜV, Eurovent, WEEE, RoHS, REACH, Intertek, Keymark).



# > TAILORED TO MEET CHALLENGES

Toshiba Air Conditioning, with heat pump technology at its core, contributes to people's well-being while respecting the environment. For decades, Toshiba Air Conditioning has been receiving prestigious awards for its significant achievements in air conditioning. This demonstrates the innovative spirit of Toshiba Air Conditioning, a relentless drive to improve its products and systems.



### PLYMOUTH, UNITED KINGDOM



**TCEU - DISTRIBUTION SUPPORT  
and  
TCEU - ENGINEERING CENTRE**

### STOCKPORT, UNITED KINGDOM



**CSUK  
TRAINING CENTRE OF EXCELLENCE**



▶ PATHUMTHANI, THAILAND

CTC - ENGINEERING CENTRE  
and  
CTC - PRODUCTION FACILITIES



▶ HANGZHOU, CHINA

CAC - PRODUCTION FACILITIES



▶ TSUYAMA-CITY, JAPAN

CJC - PRODUCTION FACILITIES



▶ FUJI-CITY, JAPAN

CJC - PRODUCTION FACILITIES  
and  
CJC - ENGINEERING CENTRE



▶ KAWASAKI-CITY, JAPAN

CJC -  
HEAD OFFICE

# > LEADING THE WAY TO EXCELLENCE

## > Products designed and engineered to perform

Toshiba Air Conditioning strengths center on in-house research and development of advanced technologies and core components. Its global research activities are managed and integrated to ensure all research sites collaborate to provide innovative solutions to customers across the world.

## > Forward-thinking technologies to support building decarbonisation

Toshiba Air Conditioning combines technological development with consideration for future generations, resulting in a range of extremely energy-efficient air conditioners, helping to reduce greenhouse gas emissions at their source. Its continuous research into the development of inverter technology has provided remarkable results, both with regards to meeting the required comfort levels and continually reducing the system's energy consumption.



Quality production



Outdoor units production



Indoor units production

## > Entire production process certified by international quality assurance institutes

All products provide high operating efficiency and cooling, as they participate in the Eurovent programme. This acts as a guarantee for customers and users that the products will operate in accordance with the design specifications and that the data published is grounded by evidence.

Toshiba Air Conditioning participates in the Eurovent Certification Performance programme for AC1, AC2 & VRF.

Check ongoing validity of certificate: [www.eurovent-certificate.com](http://www.eurovent-certificate.com)

For Estia certification, refer to Keymark heat pump certification program: [www.heatpumpkeymark.com](http://www.heatpumpkeymark.com)



### > In line with European standards

To improve its environmental responsibility, Toshiba Air Conditioning offers products that meet the following European standards:

#### **EN 14511**

Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling. Test methods.

#### **EN 14825**

Air conditioners, liquid chilling packages and heat pumps, with electrically driven compressors, for space heating and cooling. Testing and rating with part loads and calculation of seasonal performance.

#### **EN 16147**

Heat pumps with electrically driven compressors. Testing, performance rating and requirements for marking domestic hot water units.



Japan - Fuji Operations R&D Centre e-THIRD building

# > THE WORLD IS TARGETING ZERO EMISSIONS

Today the process of cooling and heating buildings is not the sole challenge. Global warming is an issue that affects all of us and Toshiba Air Conditioning is prioritizing the decarbonisation of buildings as a top priority.

The R32 based solutions proposed by Toshiba Air Conditioning help achieve this goal, whilst also preserving comfort and cost-effectiveness.

## > A range in line with our goal to reduce our customers' carbon footprint

Toshiba Air Conditioning is offering a complete range of air-to-air products dedicated to cooling and heating in comfort applications. With system solutions from 2 to 67kW, we can address residential, light commercial and business markets requirements.

### Residential

HAORI™ is a truly elegant air conditioner, featuring a stylish textile fabric cover that uses Toshiba inverter and compressor technology with R32 refrigerant, offering A+++ performance and year-round comfort.

### Light commercial

A full range of Toshiba R32 light commercial systems is available on the European market including a Super Digital Inverter™ with an excellent efficiency.

### Business

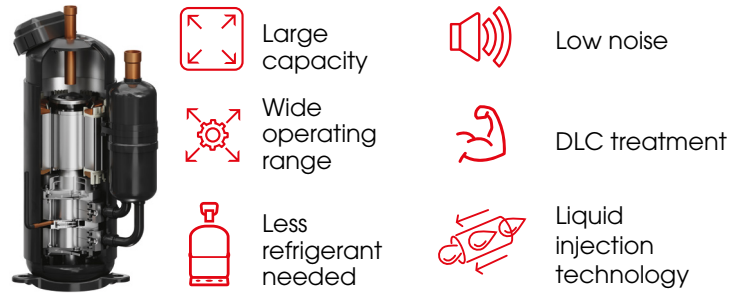
After the switch to low GWP refrigerant for its residential and light commercial products, Toshiba Air Conditioning is now one of the first to launch VRF using R32 refrigerant: The SHRM Advance™ and MiNi-SMMS™ give a new environmental dimension to your projects.





## > The right choice...

The fundamental design and control of Toshiba Air Conditioning systems remains unchanged with the R32 refrigerant. Toshiba Air Conditioning unique combination of twin rotary compressors and all inverter driven control also contributes to guaranteed accuracy and expertise of flawless Japanese quality. All these result in the high level of performance and efficiency our customers are used to.

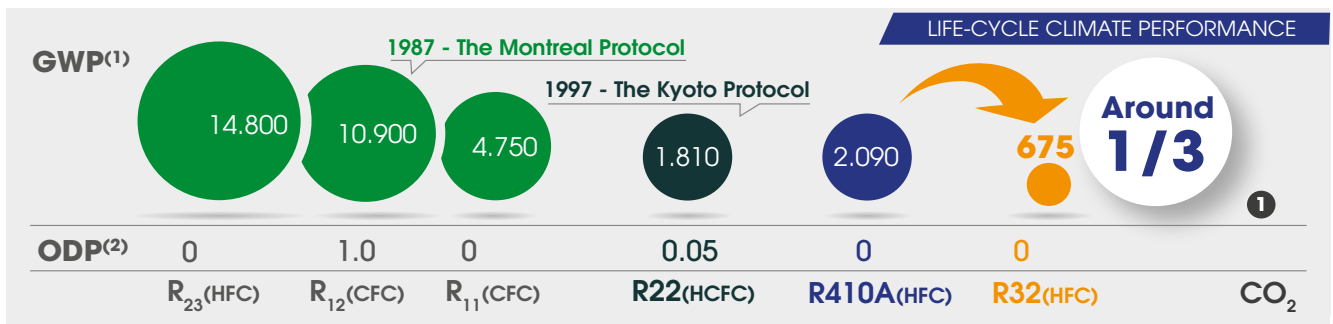


Toshiba Twin rotary compressor with new liquid injection technology, your best ally. Centre piece of the system, the Toshiba super-efficient twin rotary compressor has been engineered to match R32 refrigerant requirements.

## > ...to the benefit of all

### Design to help protect the environment

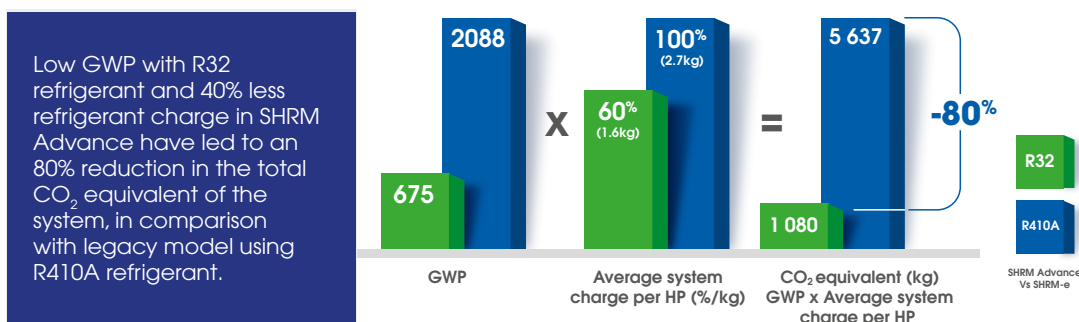
- The right balance between environment safety and your comfort
- Energy efficiency increased for greater savings



<sup>(1)</sup> Global Warming Potential  
<sup>(2)</sup> Ozone Depletion Potential

### Installer friendly

- Working pressures for R410A and R32 refrigerants are similar
- R32 refrigerant can be easily charged in both liquid or gas state
- Safety commissioning instructions are similar to those for R410A
- R32 and R410A equipments is the same except for the refrigerant recovery pump and the reclaim cylinder
- Toshiba flare joints certified ISO14903



## > F-GAS COMPLIANCE

### > TOSHIBA AIR CONDITIONING RESPONDS TO REGULATORY EVOLUTIONS

The European F-gas regulation (517/2014) has been in force since 1 January 2015. It aims to protect the environment by reducing greenhouse gas emissions and progressively deploying new rules related to the use of Hydrofluorocarbons refrigerants (HFCs) in heating and cooling systems. This regulation introduces an ambitious gradual reduction of HFC quantities that are put on the market in the EU by HFC producers and distributors (in equivalent tons of CO<sub>2</sub>), with an initial reduction of 37% from 2018 and a final objective of cutting quantities by 79% by 2030.

This regulation has driven manufacturers to turn to refrigerants with lower Global Warming Potential (GWP) and Toshiba air conditioning is no exception; efforts have been made to pursue lower GWP refrigerant while the reduction of refrigerant charge volume has been explored.



\*HFC consumption compared to equivalent tons of CO<sub>2</sub>

### > Your safety first and foremost

Based on the requirements of the F-gas regulation, only certified installers can carry on Dx system installations. The implementation of systems using HFC requires thus some specific precautions such as a strict control of the leakages and a periodic checking of the refrigerant charge.

For equipment containing			Leak checks without leak detection	Leak checks with leak detection
Between 5 and 50 tonnes CO <sub>2</sub> equivalent	2.38 and 23.8kg R410A	7.41 and 74.1kg R32	Every 12 months	Every 24 months
Between 50 and 500 tonnes CO <sub>2</sub> equivalent	23.8 and 238kg R410A	74.1 and 740kg R32	Every 6 months	Every 12 months
More than 500 tonnes CO <sub>2</sub> equivalent	More than 238kg R410A	More than 740kg R32	Every 3 months	Every 6 months

## ECODESIGN & ENERGY LABELLING

### ECODESIGN

In the European Union, the Ecodesign Directive encourages HVAC manufacturers to design products taking into consideration their environmental impact throughout entire product life cycle.

It establishes a framework for the setting of mandatory energy efficiency requirements for all energy-related products (ERPs).

The European 2030 climate and energy framework for improving energy efficiency will have a significant impact on the heating, ventilation and air conditioning sectors.

Today, buildings are responsible for the largest energy consumption, with HVAC systems being the most energy-intensive of all. The HVAC sector is now committed to manufacturing energy-efficient products for its clients to favour sustainable development.

### Ecodesign and Energy Labelling for Air-to-Water heat pumps

Air-to-Water heat pumps have been subject by the Ecodesign (< 400kW) and Energy Labelling (< 70kW) regulations since 26 September 2015. Heat pumps launched before this date are not concerned and all must conform to display the CE mark.

For more information visit [www.ecodesign.toshiba-airconditioning.eu](http://www.ecodesign.toshiba-airconditioning.eu)

### New energy efficiency metric: Seasonal efficiency (SEER and SCOP)

The Seasonal Coefficient of Performance is a new European parameter to rate heat pumps in terms of energy efficiency. It is an update to the Coefficient of Performance, which previously recorded the power consumed to power produced ration in heating and cooling modes for one operating point.

Unlike the EER/COP, the SEER/SCOP takes into account performances during cooler seasons because it indicates temperature variations by including numerous realistic measurement points. When combined, this results in a more accurate energy classification.

#### SEER/SCOP compared to EER/COP

TEMPERATURE		CAPACITY (KW)		AUXILIARY MODES (KWH)		HOURS	
<b>EER</b> <b>COP</b>	<b>SEER</b> <b>SCOP</b>	<b>EER</b> <b>COP</b>	<b>SEER</b> <b>SCOP</b>	<b>EER</b> <b>COP</b>	<b>SEER</b> <b>SCOP</b>	<b>EER</b> <b>COP</b>	<b>SEER</b> <b>SCOP</b>
One temperature requirement	Numerous rating temperatures (range of average temperatures)	Full load	Partial load + Full load	Auxiliary power modes are not considered	Incl. consumption auxiliary modes: - Standby mode - Off mode - Thermostat off, etc.	N/A	Number of hours at each air temperature (in hours)

#### SEASONAL COEFFICIENT OF PERFORMANCE CALCULATION

This is the ratio between annual heating/cooling demand and annual energy input over an entire heating/cooling season.

$$\begin{aligned}
 \text{SCOP} &= \frac{\text{ANNUAL HEATING DEMAND}}{\text{ANNUAL ENERGY INPUT}} \\
 \text{SEER} &= \frac{\text{ANNUAL COOLING DEMAND}}{\text{ANNUAL ENERGY INPUT}}
 \end{aligned}$$



## ENERGY LABELLING

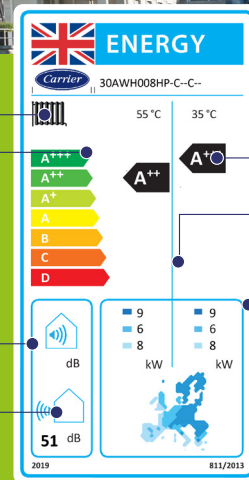
The Energy Labelling regulation was created to offer end users information about a product's energy efficiency rating. European Energy Labelling regulations also assign ratings from G to A++ based on their energy efficiency, inciting better ratings in the sector and providing clients with clearer information.

Space heating

Energy class @ 47/55° (average climate)

Noise power level indoor units dB (A)

Noise power level outdoor units dB (A)



Energy labelling example

Energy class @ 30/35° (average climate)

Heating capacities (P rated) @ 55° in cold, average & warm climate

Heating capacities (P rated) @ 35° in cold, average & warm climate

## Designed for the future

Toshiba Air Conditioning is committed to designing products and solutions with increasingly lower environmental impacts. This is subsequently reducing indirect CO<sub>2</sub> emissions generated by electricity consumption. Toshiba Air Conditioning long-standing commitment to sustainable development is ahead of schedule for the European climate and energy package requirements for 2030.

All Toshiba Air Conditioning products sold today in Europe are fully compliant with the latest Ecodesign directives.



Lot 1: Air-to-Water heating systems up to 400kW including air-to-water heat pumps >>> ESTIA™ SPLIT.



Lot 11: Electric motors from 125W to 500kW including ventilation fans.



Lot 2: Water heaters and hot water storage tanks. Including tanks >>> ESTIA DHW-HP.



Lot 21: Heat pumps above 12kW including residential, light commercial systems and VRF >>> Digital Inverter™, Super Digital Inverter™, Big Digital Inverter™, MiNi SMMS-e™, SMMS-e™, SHRM-e™, SMMS-u™ and SHRM Advance™.



Lot 6: Residential and non residential ventilation including air treatment VN units.

Toshiba Air Conditioning dedicated public website provides energy labels with detailed performances for all systems.



Lot 10: Air-to-Air heat pumps up to 12kW >>>> SEYIA™, SHORAI™ Edge, HAORI™, DAISEIKAI™ 9, Console, Digital Inverter, Super Digital Inverter.

For more information visit  
[www.ecodesign.toshiba-airconditioning.eu](http://www.ecodesign.toshiba-airconditioning.eu)

## EXPERIENCE THE FUTURE



### > TO GUIDE YOU



MAX EFFICIENCY



INTERACTIVE



CAPACITY



OPERATION RANGE



D.H.W



LOW SOUND LEVEL



HIGH AIR FLOW



TWIN ROTARY COMPRESSOR



LIGHT WEIGHT



NFC COMPATIBLE



SPIGOT COMPATIBLE



EASY INSTALLATION



COMPACT



INFRARED CONTROLLER



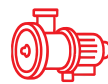
ENHANCED FILTRATION



SELF CLEANING



THIN CHASSIS



BUILT IN DRAIN PUMP



AIR DISTRIBUTION



FLEXIBLE PIPING



REDUCED FOOTPRINT



STATIC PRESSURE



INDIVIDUAL HOUSING



REFURBISHMENT



SHOPS



RETAIL



BUSINESSES



ADMINISTRATION



HOTELS



HEALTHCARE



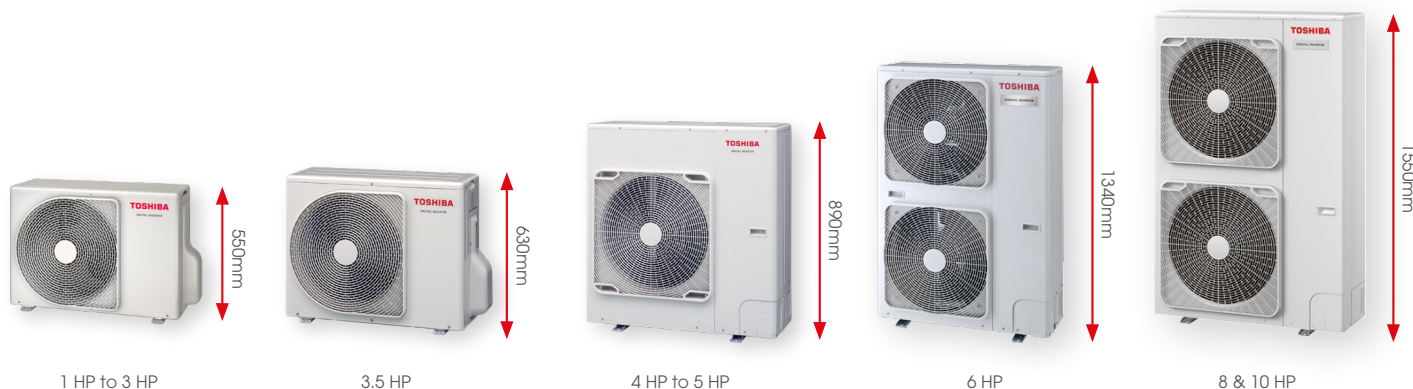
OFFICES

## RAV DIGITAL INVERTER

## STANDARD PRODUCT RANGE



Digital Inverter combines compact chassis outdoor units, unrivalled capacity range and large indoor unit line-up for perfect adaptation to any situation. This is the ultimate high efficiency solution for light commercial applications in terms of product reliability and quality.



LIGHT COMMERCIAL

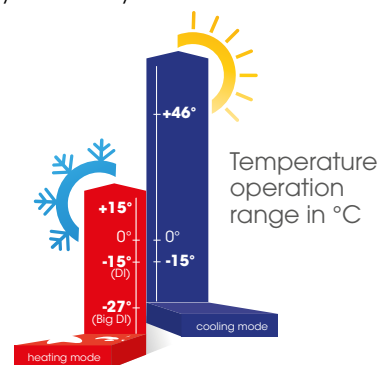
### SMART INVERTER

The benefits of inverter technology are further optimized in combination with Toshiba twin-rotary compressors. These allows excellent speed control in the capacity range from 20 to 100% capacity: this is an exclusive Toshiba Air Conditioning benefit!



### OPERATING TEMPERATURE RANGE

Heater operation is possible starting from an outdoor temperature of -15°C (-27°C for Big DI), while cooling operation is possible at -15°C and up to 46°C outdoor temperature. This enables wider applications and usage of the system everywhere.



### WIDE CAPACITY RANGE

9 sizes from 1 HP to 10HP with 1Ph or 3Ph electrical connections to cover every type of projects from the 15m<sup>2</sup> room to the 200m<sup>2</sup> shop in both new construction and refurbishment.

		1HP	1.5HP	2HP	3HP	3.5HP	4HP	5HP	6HP	8HP	10HP
	1Ph	✓	✓	✓	✓	✓	✓	✓	✓		
	3Ph						✓	✓	✓	✓	✓

## > SUPER DIGITAL INVERTER

## HIGH TIER PRODUCT RANGE



Super Digital Inverter will maximize your energy savings and keep operating costs to a minimum thanks to Toshiba's legendary Twin Rotary compressors and Vector Controlled Inverter.

Benefit also from all the connectivity and flexibility you have ever dreamt of for guaranteed comfort and exceptional efficiency. Choosing Toshiba's light commercial advanced solutions is the right option for low environmental impact and outstanding durable investments

### MAXIMUM EFFICIENCY

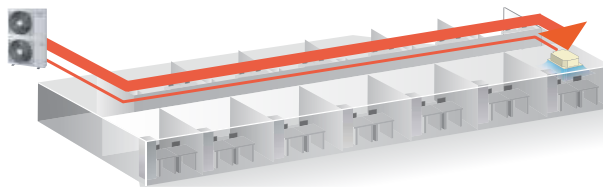
Very efficient energy consumption, keeps down operating costs : SEER of 9,40 and SCOP of 5,51 achieved by Toshiba's unrivalled Super Digital Inverter technologies and newly developed components.



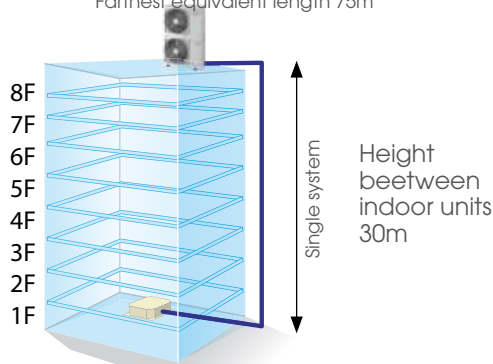
- Top class seasonal efficiency
- Lower stand-by power
- Energy monitoring
- Wider operating range

### PIPING FLEXIBILITY

Super Digital Inverter leads the industry with support for height differences of up to 30 meters on a single system. That is enough height to cover an 8-storey building. Enable the outdoor unit to be installed out of sight increases installation flexibility (only 4 & 5HP).



Farthest equivalent length 75m



Calculated at 3.5 metres per floor

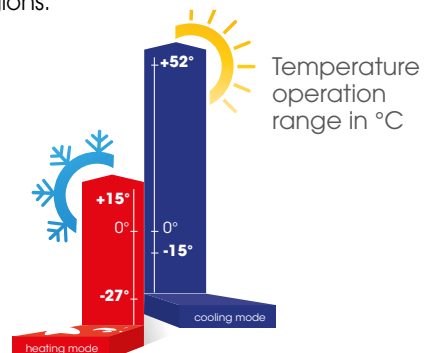
### IDEAL COUPLE: DC TWIN ROTARY COMPRESSOR & VECTOR-CONTROLLED INVERTER

The benefits of inverter technology are further optimised in combination with Toshiba twin-rotary compressors. These allows excellent speed control in the capacity range from 20 to 100% capacity: this is an exclusive Toshiba benefit!



### OPERATING TEMPERATURE RANGE

Heater operation is possible starting from an outdoor temperature of -27°C creates a comfortable space even during cold winters, while cooling operation is possible up to 52°C outdoor temperature. This enables wider applications and use of the system in colder regions.



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## HM\_KRTP HIGH-WALL



Compact, quiet with an attractive design, this high-wall is suitable for every kind of project in new construction or refurbishment.

### Comfort

- Auto louvre mode allows optimum and uniform air distribution.

### Control

- Wireless remote control with pre-set functions accessible with dedicated buttons: hi-power mode, quiet mode, comfort sleep, eco-mode.

### Healthy

- Self-cleaning feature to prevent mould formation on the heat exchanger coils.



SCOP MAX



4.42  
A+

CAPACITY



2.5kW > 11.2kW

OPERATION



-20°C > +52°C

Comfort sleep function adjusts automatically the room temperature and the fan speed.



INDOOR UNITS

RAV-HM301KRTP-E  
RAV-HM401KRTP-E  
RAV-HM561KRTP-E  
RAV-HM801KRTP-E  
RAV-HM901KRTP-E  
RAV-HM1101KRTP-E



DI

RAV-GM301ATP-E  
RAV-GM401ATP-E  
RAV-GM561ATP-E  
RAV-GM801ATP-E  
RAV-GM901ATP-E  
RAV-GM1101AT(8)P-E



REMOTE CONTROLS

IR Included



RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Digital Inverter - High Wall - 301 & 401 - 1ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image



### STANDARD PRODUCT RANGE

Performance		RAV-	HM301KRTP-E	HM401KRTP-E
Indoor Unit		RAV-	GM301ATP-E	GM401ATP-E
Outdoor Unit		RAV-	GM301ATP-E	GM401ATP-E
Nominal	Cooling Capacity	kW	2.5	3.6
	Heating Capacity	kW	3.4	4.0
	EER/COP	W/W	4.10/4.00	3.19/3.57
UK	Cooling Total/Sensible	kW	2.37/1.97	3.42/2.67
	Heating	kW	2.43	2.86
Cooling EN14825	Range Min. - Max.	kW	0.9 - 3.0	0.9 - 4.0
	Power Input	kW	0.61	1.13
	Pdesign	kW	2.5	3.6
	SEER/Energy Efficiency Class		6.36/A++	6.12/A++
	Seasonal Energy Consumption	kWh/a	138	206
Heating EN14825	Range Min. - Max.	kW	0.8 - 4.5	0.8 - 5.0
	Power Input	kW	0.85	1.12
	Pdesign	kW	2.6	2.7
	SCOP/Energy Efficiency Class		4.10/A+	4.22/A+
	Seasonal Energy Consumption	kWh/a	887	895

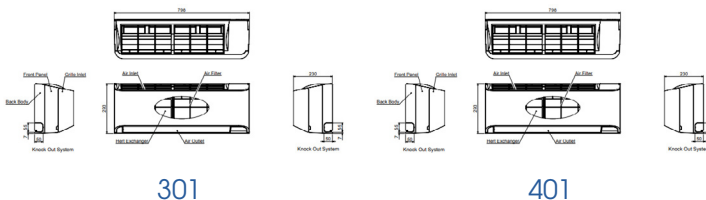
Indoor Data			HM301KRTP-E	HM401KRTP-E
Air Flow	High - Medium - Low	l/s	186 - 150 - 125	194 - 161 - 125
	High - Medium - Low	m3/h	670 - 540 - 450	700 - 580 - 450
Sound	Pressure High - Medium - Low	dB(A)	40 - 34 - 29	41 - 36 - 30
	Power High - Medium - Low	dB(A)	55 - 49 - 44	55 - 51 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14
Remote controller			WH-TA09NE	
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (Inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve - 301 / 401](#)
- [Dimensional drawing - 301 / 401](#)
- [Wiring diagram - 301 / 401](#)
- [Noise curve data - 301 / 401](#)
- [Installation manual](#)



[301](#)

[401](#)

## RAV - Digital Inverter - High Wall - 561 & 801 - 1ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM561KRTP-E	HM801KRTP-E
Indoor Unit		RAV-	GM561ATP-E1	GM801ATP-E
Outdoor Unit		RAV-	GM561ATP-E1	GM801ATP-E
Nominal	Cooling Capacity	kW	5.0	6.7
	Heating Capacity	kW	5.3	7.7
	EER/COP	W/W	3.01/3.42	2.75/2.95
UK	Cooling Total/Sensible	kW	4.75/3.61	6.36/4.66
	Heating	kW	3.79	5.51
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 8.0
	Power Input	kW	1.66	2.44
	Pdesign	kW	5.0	6.7
	SEER/Energy Efficiency Class		6.19/A++	5.73/A+
	Seasonal Energy Consumption	kWh/a	283	409
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	1.55	2.61
	Pdesign	kW	2.8	5.1
	SCOP/Energy Efficiency Class		4.00/A+	4.01/A+
	Seasonal Energy Consumption	kWh/a	980	1780

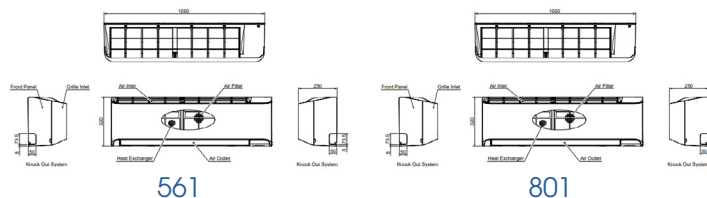
Indoor Data			561	801
Air Flow	High - Medium - Low	l/s	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	960 - 830 - 680	1040 - 910 - 680
Sound	Pressure High - Medium - Low	dB(A)	42 - 39 - 36	45 - 41 - 35
	Power High - Medium - Low	dB(A)	57 - 54 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14
Remote controller			WH-TA09NE	
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (Inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve - 561 / 801](#)
- [Dimensional drawing - 561 / 801](#)
- [Wiring diagram - 561 / 801](#)
- [Noise curve data - 561 / 801](#)
- [Installation manual](#)



## RAV - Digital Inverter - High Wall - 901 - 1ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit		RAV-	HM901KRTP-E
Outdoor Unit		RAV-	GM901ATP-E
Nominal	Cooling Capacity	kW	8.0
	Heating Capacity	kW	9.0
	EER/COP	W/W	3.00/3.10
UK	Cooling Total/Sensible	kW	7.83/6.35
	Heating	kW	6.12
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.8
	Power Input	kW	2.67
	Pdesign	kW	6.7
	SEER/Energy Efficiency Class		6.10/A++
	Seasonal Energy Consumption	kWh/a	459
Heating EN14825	Range Min. - Max.	kW	1.6 - 9.9
	Power Input	kW	2.90
	Pdesign	kW	5.1
	SCOP/Energy Efficiency Class		4.10/A+
	Seasonal Energy Consumption	kWh/a	2151

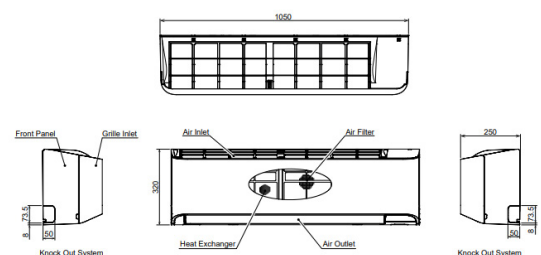
Indoor Data			
Air Flow	High - Medium - Low	l/s	328 - 253 - 189
	High - Medium - Low	m3/h	1180 - 910 - 680
Sound	Pressure High - Medium - Low	dB(A)	47 - 41 - 35
	Power High - Medium - Low	dB(A)	62 - 56 - 50
Unit	Height x Width x Depth	mm	320 x 1050 x 250
	Weight	kg	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 -3/8
	Drain Pipe Connection OD/ID	mm	VP16/14
Remote controller			WH-TA09NE <a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



901

## RAV - Digital Inverter - High Wall - 1101 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):

UK



ROI



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM1101K RTP-E	HM1101K RTP-E
Indoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.20/3.23	3.20/3.23
UK	Cooling Total/Sensible	kW	9.28/7.22	9.28/7.22
	Heating	kW	6.93	6.93
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.97	2.97
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		6.10/A++	6.10/A++
	Seasonal Energy Consumption	kWh/a	545	545
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	3.47	3.47
	Pdesign	kW	8.00	8.00
	SCOP/Energy Efficiency Class		4.20/A+	4.20/A+
	Seasonal Energy Consumption	kWh/a	2665	2664

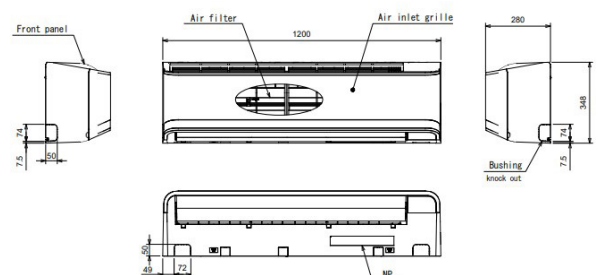
Indoor Data			447 - 375 - 328	447 - 375 - 328
Air Flow	High - Medium - Low	l/s	447 - 375 - 328	447 - 375 - 328
	High - Medium - Low	m3/h	1610 - 1350 - 1180	1610 - 1350 - 1180
Sound	Pressure High - Medium - Low	dB(A)	49 - 45 - 41	49 - 45 - 41
	Power High - Medium - Low	dB(A)	64 - 60 - 56	64 - 60 - 56
Unit	Height x Width x Depth	mm	350 x 1200 x 280	350 x 1200 x 280
	Weight	kg	19	19
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14
Remote controller			WH-TA09NE	
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



1101

## HM\_MUTP COMPACT 4-WAY CASSETTE



The Compact 4-way Cassette has been especially designed for small commercial application where a compact efficient unit is needed. Available in colours black or white.

### Design

- Elegant and Flat appearance.
- Fits within the T-bar of grid ceiling; 620mm x 620mm.

### Comfort

- Individual setting of louvre position: 3 different swing modes: standard, diagonally, opposite and turn around.
- 5 step air flow.

### Easy to install

- Compact and thin chassis with only 256mm height.
- Built-in high lift drain pump.
- Lightweight unit, for easy and quick installation.



SCOP MAX



SEER **6.86**  
SCOP **4.73**

CAPACITY



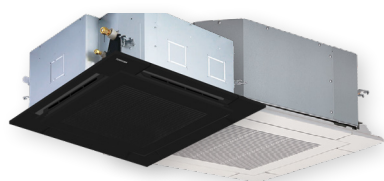
**2.5kW > 5kW**

OPERATION



**-27°C > +52°C**

Optional automatic occupancy sensor switches off the unit if nobody is in the room to save energy.



INDOOR UNITS

RAV-HM301MUTP-E  
RAV-HM401MUTP-E  
RAV-HM561MUTP-E



DI

RAV-GM301ATP-E  
RAV-GM401ATP-E  
RAV-GM561ATP-E1

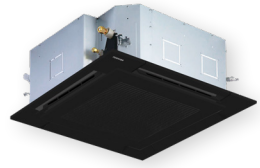



REMOTE CONTROLS

RBC-AXU31UMP-E (white) RBC-ASCU32Y-E  
RBC-AXU31UMPB-E (black) RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Digital Inverter - Compact 4-way Cassette - 301 & 401 - 1ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit		RAV-	HM301MUTP-E	HM401MUTP-E
Outdoor Unit		RAV-	GM301ATP-E	GM401ATP-E
Nominal	Cooling Capacity	kW	2.5	3.6
	Heating Capacity	kW	3.4	4.0
	EER/COP	W/W	4.24/4.47	4.00/4.21
UK	Cooling Total/Sensible	kW	2.40/1.95	3.45/2.79
	Heating	kW	2.18	2.56
Cooling EN14825	Range Min. - Max.	kW	0.9 - 3.0	0.9 - 4.0
	Power Input	kW	0.59	0.90
	Pdesign	kW	2.5	3.6
	SEER/Energy Efficiency Class		5.94/A+	5.76/A+
	Seasonal Energy Consumption	kWh/a	147	219
Heating EN14825	Range Min. - Max.	kW	0.8 - 4.5	0.8 - 5.0
	Power Input	kW	0.76	0.95
	Pdesign	kW	2.3	2.7
	SCOP/Energy Efficiency Class		4.70/A++	4.44/A+
	Seasonal Energy Consumption	kWh/a	685	851

#### Indoor Data

Air Flow	High - Medium - Low	l/s	177 - 144 - 122	183 - 153 - 130
	High - Medium - Low	m3/h	640 - 520 - 440	660 - 552 - 468
Sound	Pressure High - Medium - Low	dB(A)	38 - 36 - 30	41 - 36 - 32
	Power High - Medium - Low	dB(A)	53 - 51 - 45	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	16	16
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight RBC-UM21P-E	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

[Full Specification](#)

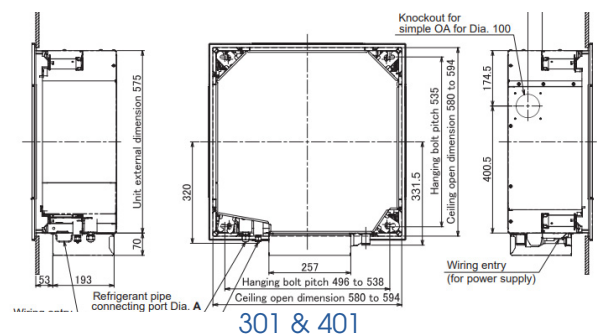
[Full Specification](#)

#### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU31UMP-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (White)
RBC-AXU31UMPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (Black)

#### Related items:

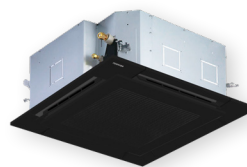
- [BIM files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- Noise curve data [301](#) & [401](#)
- [Installation manual](#)




301 & 401

## RAV - Digital Inverter - Compact 4-way Cassette - 561 - 1ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit		RAV-	HM561MUTP-E
Outdoor Unit		RAV-	GM561ATP-E1
Nominal	Cooling Capacity	kW	5.0
	Heating Capacity	kW	5.3
	EER/COP	W/W	3.05/3.61
UK	Cooling Total/Sensible	kW	4.80/3.50
	Heating	kW	3.79
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6
	Power Input	kW	1.64
	Pdesign	kW	5.0
	SEER/Energy Efficiency Class		5.69/A+
	Seasonal Energy Consumption	kWh/a	307
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3
	Power Input	kW	1.47
	Pdesign	kW	2.8
	SCOP/Energy Efficiency Class		4.37/A+
	Seasonal Energy Consumption	kWh/a	897

#### Indoor Data

Air Flow	High - Medium - Low	l/s	221 - 187 - 152
	High - Medium - Low	m3/h	798 - 672 - 546
Sound	Pressure High - Medium - Low	dB(A)	44 - 39 - 35
	Power High - Medium - Low	dB(A)	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575
	Weight	kg	16
Panel	Height x Width x Depth	mm	12 x 620 x 620
	Weight RBC-UM21P-E	kg	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP26/20

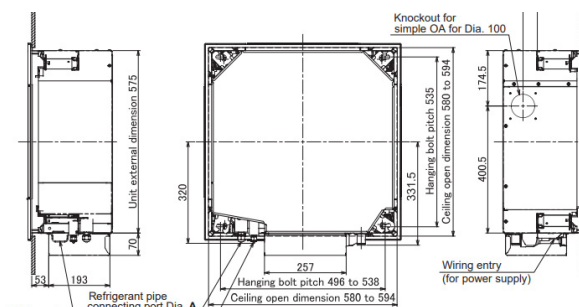
[Full Specification](#)

#### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU31UMP-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (White)
RBC-AXU31UMPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (Black)

#### Related items:

- [BIM files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



561

## > HM\_UTP STANDARD 4-WAY CASSETTE



Standard 4-way Cassette is designed to provide uniform air distribution and total comfort; it is the ideal solution for small commercial application.

### Comfort

- Two louvre shape option: straight flow louvre and wide flow louvre; optimum air distribution.
- Individual setting of louvre position: 3 different swing modes: standard, diagonally, opposite, turn around.
- Wide air flow in all directions.
- Optional ePM2.5 filters and air purifiers.

### Reliability

- Self-cleaning function for anti-mould in drain cap.
- Built-in high-lift drain pump.

### Easy to install

- Compact chassis with only 256mm height (sizes 5 and 8).
- Light-weight unit, for easy and quick installation.



### > BLACK PANEL ALSO AVAILABLE

SCOP MAX



5.24  
A+++

CAPACITY



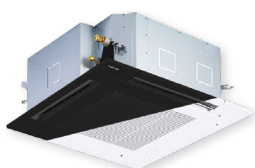
5kW > 16kW

OPERATION



-27°C > +52°C

Optional advanced air filtration solutions using ionizer technology to help create healthy working spaces



INDOOR UNITS

RAV-HM561UTP-E  
RAV-HM801UTP-E  
RAV-HM901UTP-E  
RAV-HM1101UTP-E  
RAV-HM1401UTP-E  
RAV-HM1601UTP-E



DI

RAV-GM561ATP-E1  
RAV-GM801ATP-E  
RAV-GM901ATP-E  
RAV-GM1101AT(8)P-E  
RAV-GM1401AT(8)P-E  
RAV-GM1601AT(8)P-E



REMOTE CONTROLS

RBC-AXU33UP-E (white)  
RBC-AXU33UPB-E (black)  
RBC-AXU31-E

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Digital Inverter - Standard 4-Way Cassette - 561 & 801 - 1ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Hi - Res Image



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit		RAV-	HM561UTP-E	HM801UTP-E
Outdoor Unit		RAV-	<a href="#">GM561ATP-E1</a>	<a href="#">GM801ATP-E</a>
Nominal	Cooling Capacity	kW	5.0	6.7
	Heating Capacity	kW	5.3	7.7
	EER/COP	W/W	3.21/3.90	3.02/3.62
UK	Cooling Total/Sensible	kW	4.80/3.60	6.40/4.80
	Heating	kW	3.79	5.51
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 8.0
	Power Input	kW	1.56	2.22
	Pdesign	kW	5.0	6.7
	SEER/Energy Efficiency Class		6.34/A++	5.81/A+
	Seasonal Energy Consumption	kWh/a	276	403
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	1.36	2.13
	Pdesign	kW	2.8	5.1
	SCOP/Energy Efficiency Class		4.60/A++	4.42/A+
	Seasonal Energy Consumption	kWh/a	852	1615

Indoor Data				
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225
	High - Medium - Low	m3/h	1050 - 870 - 780	1230 - 960 - 810
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28
	Power High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight RBC-U33P-E	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25

[Full Specification](#)

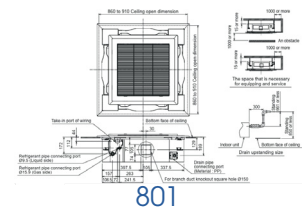
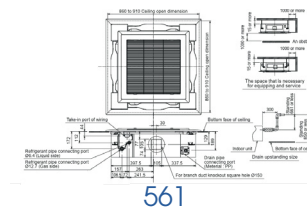
[Full Specification](#)

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-U33PB-E	Ceiling Panel (Black) - Universal for all model sizes
<a href="#">RBC-AXU33UP-E</a>	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (White)
<a href="#">RBC-AXU33UPB-E</a>	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (Black)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing - 561 / 801](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Standard 4-Way Cassette - 901 - 1ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM901UTP-E
Indoor Unit		RAV-	GM901ATP-E
Outdoor Unit			
Nominal	Cooling Capacity	kW	8.0
	Heating Capacity	kW	9.0
	EER/COP	W/W	3.30/3.72
UK	Cooling Total/Sensible	kW	7.83/6.35
	Heating	kW	6.12
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.8
	Power Input	kW	2.42
	Pdesign	kW	6.7
	SEER/Energy Efficiency Class		7.20/A++
	Seasonal Energy Consumption	kWh/a	389
Heating EN14825	Range Min. - Max.	kW	1.6 - 9.9
	Power Input	kW	2.65
	Pdesign	kW	5.1
	SCOP/Energy Efficiency Class		4.60/A++
	Seasonal Energy Consumption	kWh/a	1917

Indoor Data			
Air Flow	High - Medium - Low	l/s	444 - 306 - 250
	High - Medium - Low	m3/h	1600 - 1100 - 900
Sound	Pressure High - Medium - Low	dB(A)	40 - 36 - 33
	Power High - Medium - Low	dB(A)	55 - 51 - 48
Unit	Height x Width x Depth	mm	319 x 840 x 840
	Weight	kg	24
Panel	Height x Width x Depth	mm	30 x 950 x 950
	Weight RBC-U33P-E	kg	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25

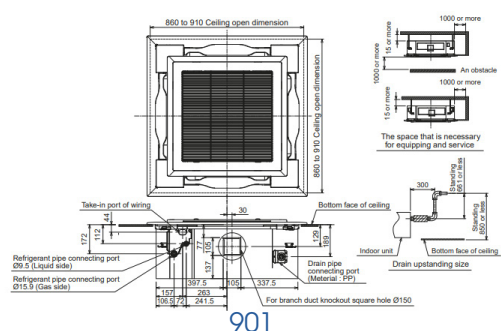
[Full Specification](#)

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-U33PB-E	Ceiling Panel (Black) - Universal for all model sizes
<a href="#">RBC-AXU33UP-E</a>	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (White)
<a href="#">RBC-AXU33UPB-E</a>	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (Black)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)









## > HM\_CTP CEILING



The simple, yet elegant design helps to create a pleasant and relaxing environment, quickly conditioning the room air to the desired temperature.

### Comfort

- Automatic louvre control for all year round comfort and efficiency.
- Low noise levels, thanks to high diameter fan and DC motor.

### Reliability

- Self-cleaning function, enables the air flow to remain constant and fresh and reduces the frequency of service visits.

### Easy to install and to maintain

- This design, represents the best possible solution, where there is a lack of space or absence of a ceiling void.

### Adaptability

- Anti-bacterial drain point available as an option.
- Connecting kit available as an option for external I/O without local relay preparation.



SCOP MAX



5.05

CAPACITY



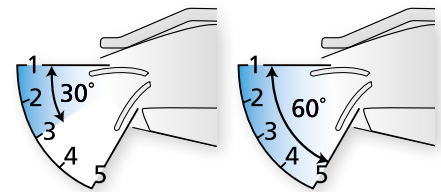
3.6kW > 16kW

OPERATION



-27°C > +52°C

The airflow angle is automatically set to the most suitable setting according to the cooling or heating needs.



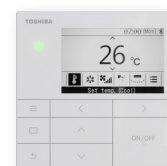
INDOOR UNITS

RAV-HM401CTP-E  
RAV-HM561CTP-E  
RAV-HM801CTP-E  
RAV-HM901CTP-E  
RAV-HM1101CTP-E  
RAV-HM1401CTP-E  
RAV-HM1601CTP-E



DI

RAV-GM401ATP-E  
RAV-GM561ATP-E1  
RAV-GM801ATP-E  
RAV-GM901ATP-E  
RAV-GM1101AT(8)P-E  
RAV-GM1401AT(8)P-E  
RAV-GM1601AT(8)P-E



REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E


## RAV - Digital Inverter - Ceiling - 401 & 561 - 1ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM401CTP-E	HM561CTP-E
Indoor Unit		RAV-	GM401ATP-E	GM561ATP-E1
Outdoor Unit		RAV-	GM401ATP-E	GM561ATP-E1
Nominal	Cooling Capacity	kW	3.6	5.0
	Heating Capacity	kW	4.0	5.3
	EER/COP	W/W	4.34/5.13	3.11/3.90
UK	Cooling Total/Sensible	kW	3.45/2.89	4.80/3.06
	Heating	kW	2.56	3.79
Cooling EN14825	Range Min. - Max.	kW	0.9 - 4.0	1.5 - 5.6
	Power Input	kW	0.83	1.61
	Pdesign	kW	3.6	5.0
	SEER/Energy Efficiency Class		6.34/A++	5.50/A
	Seasonal Energy Consumption	kWh/a	199	318
Heating EN14825	Range Min. - Max.	kW	0.8 - 5.0	1.5 - 6.3
	Power Input	kW	0.78	1.36
	Pdesign	kW	2.70	2.80
	SCOP/Energy Efficiency Class		5.10/A+++	4.32/A+
	Seasonal Energy Consumption	kWh/a	741	908

### Indoor Data

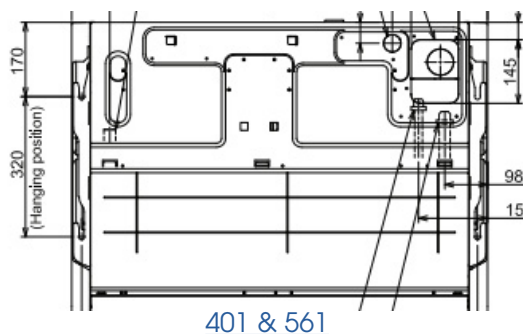
Indoor Data			250 - 200 - 150	250 - 200 - 150
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
	Power High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)




## RAV - Digital Inverter - Ceiling - 901 - 1ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801CTP-E	HM901CTP-E
Indoor Unit		RAV-	GM801ATP-E	GM901ATP-E
Outdoor Unit		RAV-	GM801ATP-E	GM901ATP-E
Nominal	Cooling Capacity	kW	6.9	8.0
	Heating Capacity	kW	7.7	9.0
	EER/COP	W/W	2.90/3.62	3.10/3.40
UK	Cooling Total/Sensible	kW	6.60/5.00	7.83/6.61
	Heating	kW	5.51	6.12
Cooling EN14825	Range Min. - Max.	kW	1.5 - 7.4	1.9 - 8.8
	Power Input	kW	2.38	2.58
	Pdesign	kW	6.9	6.9
	SEER/Energy Efficiency Class		5.62/A+	6.10/A++
	Seasonal Energy Consumption	kWh/a	429	459
Heating EN14825	Range Min. - Max.	kW	1.5 - 9.0	1.6 - 9.9
	Power Input	kW	2.13	2.65
	Pdesign	kW	5.10	5.10
	SCOP/Energy Efficiency Class		4.21/A+	4.60/A++
	Seasonal Energy Consumption	kWh/a	1697	1917

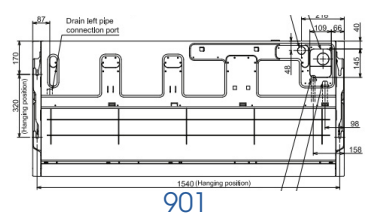
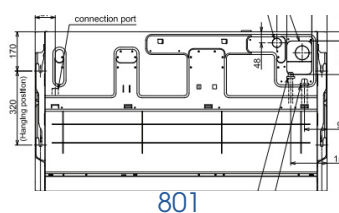
Indoor Data				
Air Flow	High - Medium - Low	l/s	392 - 278 - 208	444 - 278 - 250
	High - Medium - Low	m3/h	1410 - 1000 - 750	1600 - 1000 - 900
Sound	Pressure High - Medium - Low	dB(A)	41 - 36 - 29	42 - 38 - 30
	Power High - Medium - Low	dB(A)	56 - 51 - 44	57 - 53 - 45
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1586 x 690
	Weight	kg	29	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:


- [BIM files](#)
- [CAD files 801 / 901](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing 801 / 901](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Ceiling - 1101 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit		RAV-	HM1101CTP-E	HM1101CTP-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.22/3.81	3.22/3.81
UK	Cooling Total/Sensible	kW	9.10/7.18	9.10/7.18
	Heating	kW	8.01	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.95	2.95
	Pdesign	kW	9.5	9.5
	SEER/Energy Efficiency Class		5.86/A+	5.86/A+
	Seasonal Energy Consumption	kWh/a	567	567
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.94	2.94
	Pdesign	kW	7.60	7.60
	SCOP/Energy Efficiency Class		4.27/A+	4.27/A+
	Seasonal Energy Consumption	kWh/a	2490	2490

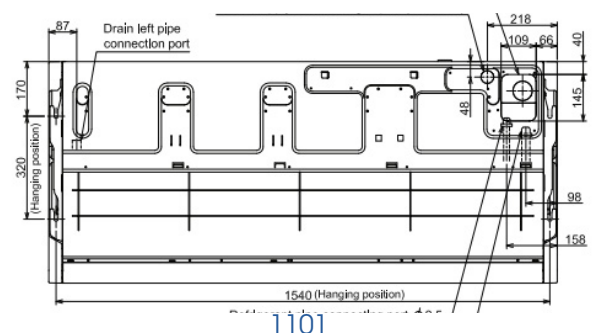
Indoor Data				
Air Flow	High - Medium - Low	l/s	517 - 375 - 283	517 - 375 - 283
	High - Medium - Low	m3/h	1860 - 1350 - 1020	1860 - 1350 - 1020
Sound	Pressure High - Medium - Low	dB(A)	44 - 38 - 32	44 - 38 - 32
	Power High - Medium - Low	dB(A)	59 - 53 - 47	59 - 53 - 47
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)




## RAV - Digital Inverter - Ceiling - 1401 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM1401CTP-E	HM1401CTP-E
Indoor Unit		RAV-	GM1401ATP-E	GM1401AT8P-E
Outdoor Unit		RAV-	GM1401ATP-E	GM1401AT8P-E
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.74/3.73	2.74/3.73
UK	Cooling Total/Sensible	kW	11.50/8.40	11.50/8.40
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.42	4.42
	Pdesign	kW	12.0	12.0
	SEER/Energy Efficiency Class		5.36/211.4	5.36/211.4
	Seasonal Energy Consumption	kWh/a	1354	1354
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.48	3.48
	Pdesign	kW	8.0	8.0
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2538	2538

### Indoor Data

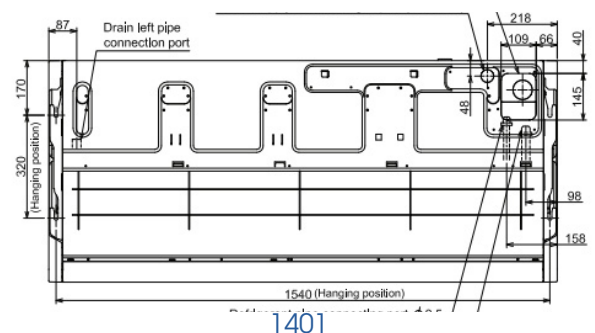
Air Flow	High - Medium - Low	l/s	567 - 425 - 333	567 - 425 - 333
	High - Medium - Low	m3/h	2040 - 1530 - 1200	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	46 - 41 - 35	46 - 41 - 35
	Power High - Medium - Low	dB(A)	61 - 56 - 50	61 - 56 - 50
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:


- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Ceiling - 1601 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit		RAV-	HM1601CTP-E	HM1601CTP-E
Outdoor Unit		RAV-	GM1601ATP-E	GM1601AT8P-E
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.01/3.90	3.01/3.90
UK	Cooling Total/Sensible	kW	13.30/9.30	13.30/9.30
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.65	4.65
	Pdesign	kW	12.0	12.0
	SEER/Energy Efficiency Class		5.90/233.0	5.90/233.0
	Seasonal Energy Consumption	kWh/a	1424	1421
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.61	4.61
	Pdesign	kW	8.0	8.0
	SCOP/Energy Efficiency Class		4.10/161.0	4.10/161.0
	Seasonal Energy Consumption	kWh/a	2732	2715

### Indoor Data

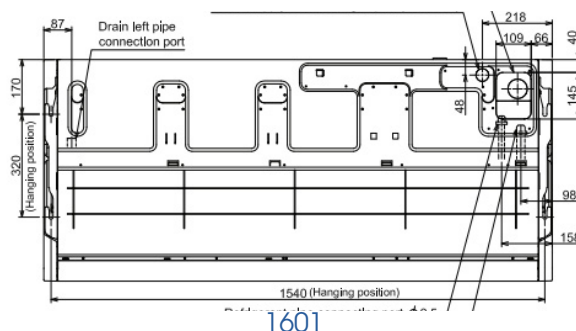
Air Flow	High - Medium - Low	l/s	567 - 425 - 333	567 - 425 - 333
	High - Medium - Low	m3/h	2040 - 1530 - 1200	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	46 - 42 - 36	46 - 42 - 36
	Power High - Medium - Low	dB(A)	61 - 57 - 51	61 - 57 - 51
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## HM\_SDTY SUPER SLIM DUCTED



Whether installed in a ceiling void or in a suspended ceiling, the Super Slim Duct is easy to install and offers high performances as well as important energy savings.

### Flexibility

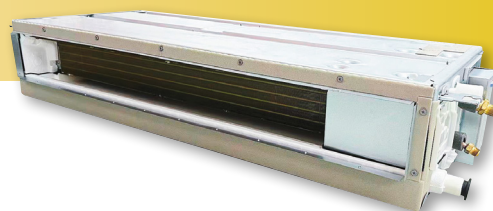
- Whatever the capacity, the 210mm height and 450mm depth compact chassis is adapted to most projects
- Static pressure up to 50Pa set directly on the duct or by using a wired remote controller.

### Comfort

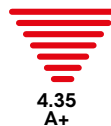
- Noise level down to 26 dB(A) for quiet operation, especially well adapted for bedrooms
- 5-speed fan operation for perfect air flow adaptation.

### Easy installation

- Built-in drain pump



SCOP MAX



4.35  
A+

CAPACITY



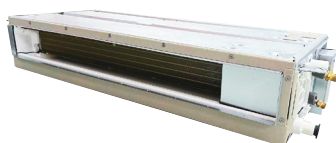
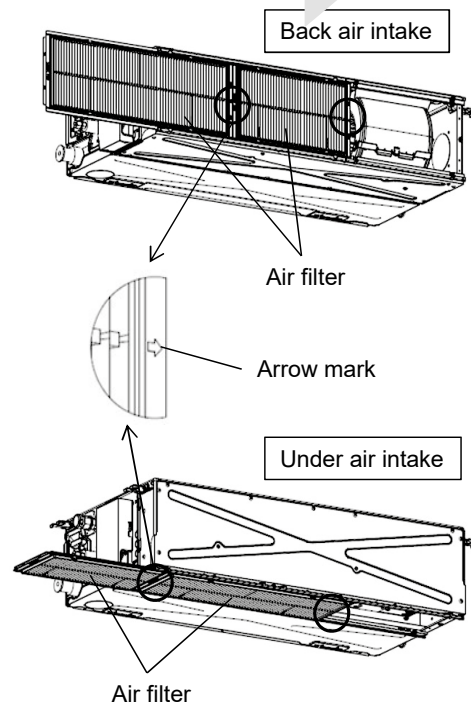
2.5kW > 8kW

OPERATION



-27°C > +52°C

Pre filter included  
Compatible with rear or underside air suction.



INDOOR UNITS

RAV-HM561SDTY-E



DI

RAV-GM561ATP-E1

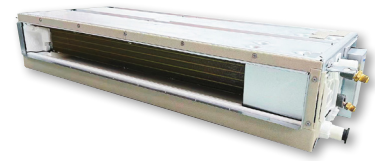


REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E


## RAV - Digital Inverter - Slim Ducted - 561 - 1ph

- New TU2C-link protocol
- Ultra thin chassis design (210mm)
- New compact and lightweight chassis
- Improved external static pressure up to 50pa
- Quiet operation with lower sound pressure levels 29db(a)



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit		RAV-	HM561SDTY-E
Outdoor Unit		RAV-	GM561ATP-E1
Nominal	Cooling Capacity	kW	5.0
	Heating Capacity	kW	5.3
	EER/COP	W/W	2.69/3.53
UK	Cooling Total/Sensible	kW	4.80/3.30
	Heating	kW	3.79
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6
	Power Input	kW	1.86
	Pdesign	kW	5.0
	SEER/Energy Efficiency Class		5.68/A+
	Seasonal Energy Consumption	kWh/a	308
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3
	Power Input	kW	1.50
	Pdesign	kW	2.8
	SCOP/Energy Efficiency Class		4.00/A+
	Seasonal Energy Consumption	kWh/a	980

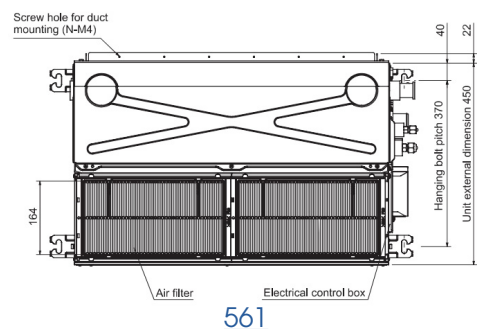
Indoor Data			
Air Flow	High - Medium - Low	l/s	216 - 198 - 180
	High - Medium - Low	m3/h	780 - 715 - 650
External Static Pressure	Standard (Upper - Lower)	Pa	30 (50-10)
Sound	Pressure High - Medium - Low	dB(A)	34 - 32 - 29
	Power High - Medium - Low	dB(A)	56 - 54 - 51
Unit	Height x Width x Depth	mm	210 x 900 x 450
	Weight	kg	19
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Drain Port Connection Upper - Lower	mm	VP25 - VP25
	Lift Pump Drain Height from Unit Base		< 850

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## > HM\_BTP STANDARD DUCT



Whatever the shape of the room, this flexible model ensures a uniform temperature and air distribution for optimal end user comfort.

### Adaptability

- Up to 150Pa available pressure: thanks to DC fan motor.
- Flexible design, allows the inlet air configuration to be configured between the standard rear inlet design or as an alternative, from the underside of the unit. There is also a provision for a fresh air intake supply via a pre-punched knock-out hole.
- Compact and thin chassis. Measuring just 275mm in height.

### Easy to install

- Built-in high-lift drain pump.
- PC board panel easily accessible from the side of the unit.
- Optional air discharge spigot.



SCOP MAX



4.85  
A++

CAPACITY



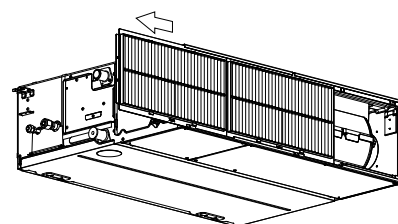
5kW > 16kW

OPERATION



-27°C > +52°C

Simplify filter maintenance with live status to know exactly when they need to be cleaned!



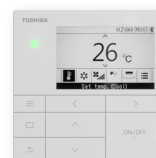
INDOOR UNITS

RAV-HM561BTP-E  
RAV-HM801BTP-E  
RAV-HM901BTP-E  
RAV-HM1101BTP-E  
RAV-HM1401BTP-E  
RAV-HM1601BTP-E



DI

RAV-GM561ATP-E1  
RAV-GM801ATP-E  
RAV-GM901ATP-E  
RAV-GM1101AT(8)P-E  
RAV-GM1401AT(8)P-E  
RAV-GM1601AT(8)P-E



REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Digital Inverter - Standard Duct - 561 & 801- 1ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM561BTP-E	HM801BTP-E
Indoor Unit		RAV-	GM561ATP-E1	GM801ATP-E
Outdoor Unit		RAV-	GM561ATP-E1	GM801ATP-E
Nominal	Cooling Capacity	kW	5.0	6.7
	Heating Capacity	kW	5.3	7.7
	EER/COP	W/W	2.73/3.27	2.82/3.32
UK	Cooling Total/Sensible	kW	4.80/3.60	6.30/4.90
	Heating	kW	3.79	5.51
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 8.0
	Power Input	kW	1.83	2.38
	Pdesign	kW	5.0	6.7
	SEER/Energy Efficiency Class		5.28/A	5.20/A
	Seasonal Energy Consumption	kWh/a	332	451
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	1.62	2.32
	Pdesign	kW	2.80	5.10
	SCOP/Energy Efficiency Class		4.08/A+	4.13/A+
	Seasonal Energy Consumption	kWh/a	960	1728

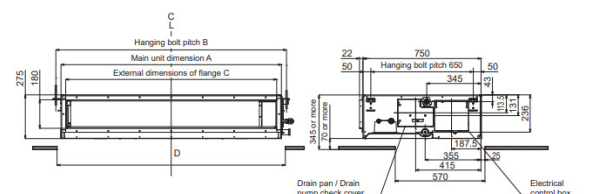
Indoor Data			222 - 175 - 133	333 - 258 - 208
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	333 - 258 - 208
	High - Medium - Low	m3/h	800 - 630 - 480	1200 - 930 - 750
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)
	Pressure High - Medium - Low	dB(A)	33 - 29 - 25	34 - 30 - 26
Sound	Power High - Medium - Low	dB(A)	55 - 51 - 46	55 - 51 - 46
	Height x Width x Depth	mm	275 x 700 x 750	275 x 1000 x 750
Unit	Weight	kg	23	31
	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
Pipe Connection	Drain Port Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base		< 850	< 850
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files 561 / 801](#)
- [CAD files 561 / 801](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)




[561 & 801](#)

## RAV - Digital Inverter - Standard Duct - 901 - 1ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance			
Indoor Unit		RAV-	HM901BTP-E
Outdoor Unit		RAV-	GM901ATP-E
Nominal	Cooling Capacity	kW	8.0
	Heating Capacity	kW	9.0
	EER/COP	W/W	3.00/3.40
UK	Cooling Total/Sensible	kW	7.83/5.78
	Heating	kW	6.12
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.8
	Power Input	kW	2.67
	Pdesign	kW	6.7
	SEER/Energy Efficiency Class		6.10/A++
	Seasonal Energy Consumption	kWh/a	459
Heating EN14825	Range Min. - Max.	kW	1.6 - 9.9
	Power Input	kW	2.65
	Pdesign	kW	5.10
	SCOP/Energy Efficiency Class		4.60/A++
	Seasonal Energy Consumption	kWh/a	1917

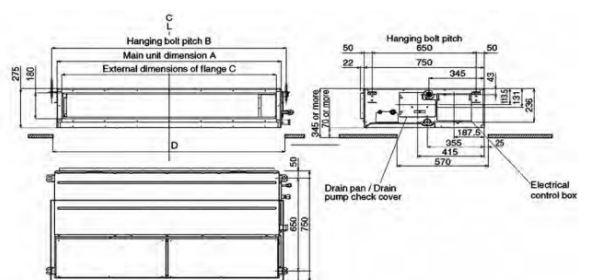
Indoor Data			
Air Flow	High - Medium - Low	l/s	472 - 375 - 278
	High - Medium - Low	m3/h	1700 - 1350 - 1000
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)
	Pressure High - Medium - Low	dB(A)	37 - 33 - 30
Sound	Power High - Medium - Low	dB(A)	60 - 55 - 51
	Height x Width x Depth	mm	275 x 1400 x 750
Unit	Weight	kg	41
	Flare Connections (gas - liquid)	inch	5/8 - 3/8
Pipe Connection	Drain Port Connection Upper - Lower	mm	VP25 - VP25
	Lift Pump Drain Height from Unit Base		< 850
			<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (Inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



901



## RAV - Digital Inverter - Standard Duct - 1401 - 1ph & 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit		RAV-	HM1401BTP-E	HM1401BTP-E
Outdoor Unit		RAV-	GM1401ATP-E	GM1401AT8P-E
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.74/3.61	2.74/3.61
UK	Cooling Total/Sensible	kW	11.15/8.90	11.15/8.90
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.42	4.42
	Pdesign	kW	12.0	12.0
	SEER/Energy Efficiency Class		5.36/211.4	5.36/211.4
	Seasonal Energy Consumption	kWh/a	1354	1354
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.60	3.60
	Pdesign	kW	8.0	8.0
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2537	2537

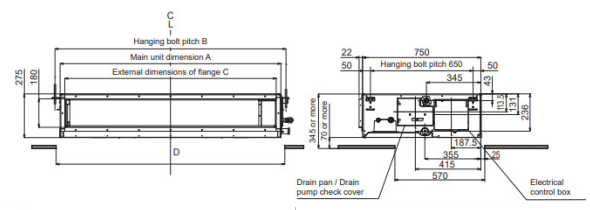
Indoor Data				
Air Flow	High - Medium - Low	l/s	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m3/h	2100 - 1650 - 1260	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	50 (120 - 30)	50 (120 - 30)
	Pressure High - Medium - Low	dB(A)	40 - 36 - 33	40 - 36 - 33
Sound	Power High - Medium - Low	dB(A)	63 - 58 - 54	63 - 58 - 54
	Height x Width x Depth	mm	275 x 1400 x 750	275 x 1400 x 750
Unit	Weight	kg	41	41
	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
Pipe Connection	Drain Port Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base		< 850	< 850
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (Inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Standard Duct - 1601 - 1ph & 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance					
Indoor Unit		RAV-	HM1601BTP-E	HM1601BTP-E	
Outdoor Unit		RAV-	GM1601ATP-E	GM1601AT8P-E	
Nominal	Cooling Capacity	kW	14.0	14.0	
	Heating Capacity	kW	16.0	16.0	
	EER/COP	W/W	2.73/3.41	2.73/3.41	
UK	Cooling Total/Sensible	kW	13.30/9.70	13.30/9.70	
	Heating	kW	10.88	10.88	
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0	
	Power Input	kW	5.13	5.13	
	Pdesign	kW	12.0	12.0	
	SEER/Energy Efficiency Class			5.30/202.2	5.30/202.2
	Seasonal Energy Consumption		kWh/a	1584	1584
	Range Min. - Max.		kW	3.0 - 18.0	3.0 - 18.0
Heating EN14825	Power Input	kW	4.69	4.69	
	Pdesign	kW	8.0	8.0	
	SCOP/Energy Efficiency Class			3.90/153.0	3.90/153.0
	Seasonal Energy Consumption		kWh/a	2872	2872

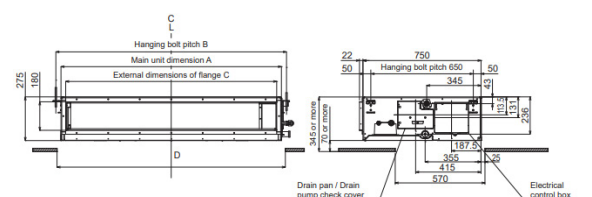
Indoor Data				
Air Flow	High - Medium - Low	l/s	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m3/h	2100 - 1650 - 1260	2100 - 1650 - 1260
External Static Pressure	Standard (Upper - Lower)	Pa	50 (120 - 30)	50 (120 - 30)
	Pressure High - Medium - Low	dB(A)	40 - 36 - 33	40 - 36 - 33
Sound	Power High - Medium - Low	dB(A)	63 - 58 - 54	63 - 58 - 54
	Height x Width x Depth	mm	275 x 1400 x 750	275 x 1400 x 750
Unit	Weight	kg	41	41
	Flare Connections (gas - liquid)	inch	5/8 -3/8	5/8 -3/8
Pipe Connection	Drain Port Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base		< 850	< 850
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



1601

## > RM\_DTP HIGH-STATIC DUCT



High-static ducts are specially designed to air-condition large open spaces thanks to their impressive air flow characteristics.

### Comfort

- 3-speed DC fan to provide correct air flow and maximise energy savings.
- Compatible with metal or textile ducts.

### Adaptability

- Lightweight design for quick and easy installation.
- With 7-step settings, the static pressure of the duct can range from 52 to 250 Pa.
- Up to 5,600 m<sup>3</sup>/h air flow to efficiently blow the air into large rooms.

### Easy to install

- Electronic components accessible from the outside of the unit.
- Air filter and drain pump are available as an option.



SCOP MAX



3.78

CAPACITY



19kW > 27kW

OPERATION



-27°C > +46°C

The DTP high-static duct is compatible with textile duct diffusion system to blow the air smoothly throughout the room.



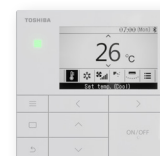
INDOOR UNITS

RAV-RM2241DTP-E2  
RAV-RM2801DTP-E2



DI

RAV-GM2241AT8-E1  
RAV-GM2801AT8-E1



REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E


## RAV - Digital Inverter - High Static Ducted - 2241 & 2801- 3ph

- Maximum external static pressure 250Pa
- 3 stage selectable static pressure setting
- Ideal for larger shops and retail premises
- Powered by Toshiba's twin rotary compressor technology
- exceptionally high efficiency levels, long pipe runs and great flexibility



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	RM2241DTP-E2	RM2801DTP-E2	
Indoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>	
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>	
Nominal	Cooling Capacity	kW	19.0	22.5	
	Heating Capacity	kW	22.4	24.0	
	EER/COP	W/W	5.82/3.78	5.49/3.69	
UK	Cooling Total/Sensible	kW	18.56/15.62	21.98/19.54	
	Heating	kW	13.82	14.85	
Cooling EN14825	Range Min. - Max.	kW	4.6 - 22.4	4.6 - 25.0	
	Power Input	kW	5.97	8.18	
	Pdesign	kW	19.0*	22.5*	
	SEER/Energy Efficiency Class			6.30 - 249.0	5.50 - 217.0
	Seasonal Energy Consumption	kWh/a	1809.0	2454.0	
Heating EN14825	Range Min. - Max.	kW	4.6 - 25.0	4.6 - 28.0	
	Power Input	kW	6.91	7.62	
	Pdesign	kW	18.0*	20.0*	
	SCOP/Energy Efficiency Class			3.80 - 149.0	3.70 - 145.0
	Seasonal Energy Consumption	kWh/a	4200.0	4652.0	

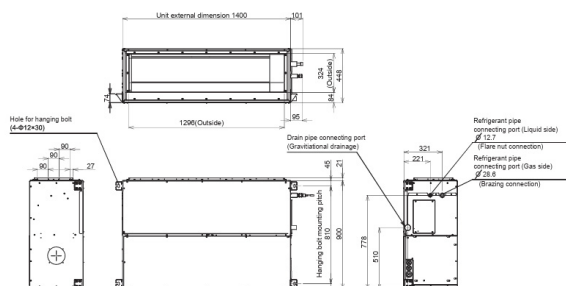
Indoor Data				
Air Flow	High - Medium - Low	l/s	1055 - 889 - 694	1333 - 1167 - 972
	High - Medium - Low	m3/h	3800 - 3200 - 2500	4800 - 4200 - 3500
External Static Pressure	Standard (Upper - Lower)	Pa	150 (250-50)	150 (250-50)
Sound	Pressure High - Medium - Low	dB(A)	44 - 40 - 36	46 - 42 - 38
	Power High - Medium - Low	dB(A)	79 - 75 - 71	81 - 77 - 73
Unit	Height x Width x Depth	mm	448 x 1400 x 900	448 x 1400 x 900
	Weight	kg	97	97
Pipe Connection	Flare Connections (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-15	220-240/1/50-15
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-LK2801DP-E	Long Life Filter Kit - Universal for both model sizes

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data - 2241 / 2801](#)
- [Installation manual](#)



2241 - 2801

## > HM\_FT FLOOR STANDING



Toshiba floor standing unit combines important air flow, wide air diffusion and simplified installation to cool and heat large rooms.

### Wide adaptability

- Broad capacity lineup from 2 to 5HP.
- Connectible in single or multi configuration.

### Comfort

- Wide air flow to cool and heat large areas.
- Horizontal and vertical louvres for optimum air distribution.

### Easy to install

- Directly positioned on the floor to simplify installation.
- Plug and play product with embedded link detector.



SCOP MAX



4.40  
A+

CAPACITY



5kW > 16kW

OPERATION



-27°C > +52°C

Embedded leak detector linked to safety ventilation to facilitate the integration of the product in every kind of projects.



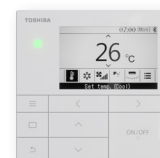
INDOOR UNITS

RAV-HM561FT-E  
RAV-HM801FT-E  
RAV-HM1101ATP-E  
RAV-HM1401ATP-E



DI

RAV-GM561ATP-E1  
RAV-GM801ATP-E  
RAV-GM1101AT(8)P-E  
RAV-GM1401AT(8)P-E



REMOTE CONTROLS

RBC-ASCU32YE  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Digital Inverter - Floor Standing Cabinet - 561 & 801- 1ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 Fan speed settings with Automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

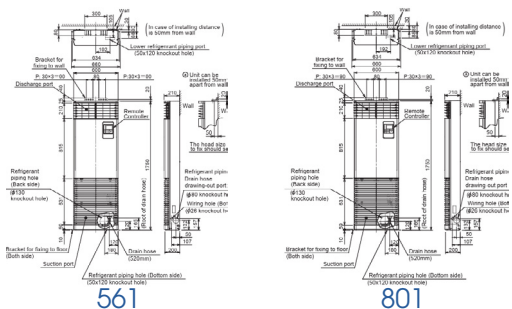
Performance		RAV-	HM561FT-E	HM801FT-E
Indoor Unit		RAV-	HM561FT-E	HM801FT-E
Outdoor Unit		RAV-	GM561ATP-E1	GM801ATP-E
Nominal	Cooling Capacity	kW	5.0	6.7
	Heating Capacity	kW	5.3	7.7
	EER/COP	W/W	2.79/3.08	2.11/2.41
UK	Cooling Total/Sensible	kW	4.80/3.40	6.40/4.40
	Heating	kW	3.79	5.51
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 7.4
	Power Input	kW	1.79	3.18
	Pdesign	kW	5.0	6.7
	SEER/Energy Efficiency Class		5.15/A	4.89/B
	Seasonal Energy Consumption	kWh/a	340	479
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	1.72	3.20
	Pdesign	kW	2.8	4.7
	SCOP/Energy Efficiency Class		4.00/A+	3.81/A
	Seasonal Energy Consumption	kWh/a	981	1727

Indoor Data			561	801
Air Flow	High - Medium - Low	l/s	228 - 194 - 167	258 - 214 - 178
	High - Medium - Low	m3/h	820 - 700 - 600	930 - 770 - 640
Sound	Pressure High - Medium - Low	dB(A)	46 - 42 - 38	50 - 45 - 41
	Power High - Medium - Low	dB(A)	60 - 56 - 52	64 - 60 - 54
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	44	45
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

Accessories	
<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing: 561 / 801](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Floor Standing Cabinet - 1101 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 Fan speed settings with Automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM1101FT-E	HM1101FT-E
Indoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.10/3.51	3.10/3.51
UK	Cooling Total/Sensible	kW	9.00/6.90	9.50/7.10
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	3.06	3.06
	Pdesign	kW	9.5	9.5
	SEER/Energy Efficiency Class		5.16/A	5.16/A
	Seasonal Energy Consumption	kWh/a	644	644
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	3.19	3.19
	Pdesign	kW	7.6	7.6
	SCOP/Energy Efficiency Class		3.92/A	3.92/A
	Seasonal Energy Consumption	kWh/a	2711	2711

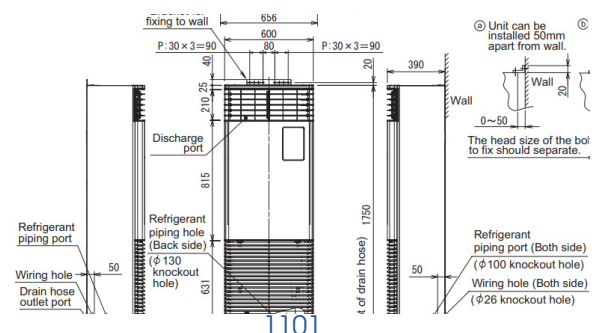
Indoor Data				
Air Flow	High - Medium - Low	l/s	461 - 394 - 325	461 - 394 - 325
	High - Medium - Low	m3/h	1660 - 1420 - 1170	1660 - 1420 - 1170
Sound	Pressure High - Medium - Low	dB(A)	51 - 46 - 41	51 - 46 - 41
	Power High - Medium - Low	dB(A)	65 - 61 - 55	65 - 61 - 55
Unit	Height x Width x Depth	mm	1750 x 600 x 390	1750 x 600 x 390
	Weight	kg	59	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Floor Standing Cabinet - 1401 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 Fan speed settings with Automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM1401FT-E	HM1401FT-E
Indoor Unit				
Outdoor Unit			<u>GM1401ATP-E</u>	<u>GM1401AT8P-E</u>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.57/3.24	2.57/3.24
UK	Cooling Total/Sensible	kW	11.50/8.20	11.50/8.20
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.71	4.71
	Pdesign	kW	12.1	12.1
	SEER/Energy Efficiency Class		4.86/191.4	4.86/191.4
	Seasonal Energy Consumption	kWh/a	1492	1492
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.01	4.01
	Pdesign	kW	7.6	7.6
	SCOP/Energy Efficiency Class		3.90/153.0	3.90/153.0
	Seasonal Energy Consumption	kWh/a	2727	2727

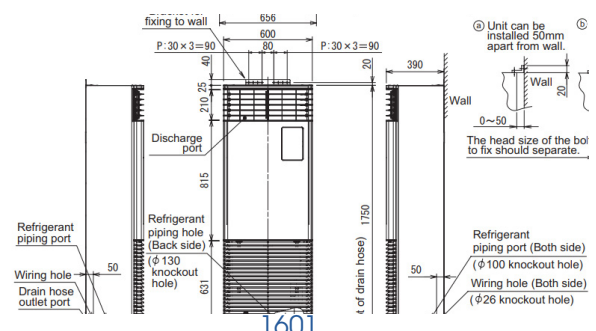
Indoor Data				
Air Flow	High - Medium - Low	l/s	489 - 411 - 375	489 - 411 - 375
	High - Medium - Low	m3/h	1760 - 1480 - 1350	1760 - 1480 - 1350
Sound	Pressure High - Medium - Low	dB(A)	53 - 48 - 45	53 - 48 - 45
	Power High - Medium - Low	dB(A)	67 - 62 - 59	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 390	1750 x 600 x 390
	Weight	kg	59	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

### Related items:


- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Digital Inverter - Twin Split High-Wall - 301 & 401 - 1ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 2		RAV-	<a href="#">HM301KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM561ATP-E1</a>
Nominal	Cooling Capacity	kW	5.0
	Heating Capacity	kW	5.3
	EER/COP	W/W	3.01/3.42
UK	Cooling Total/Sensible	kW	4.75/3.61
	Heating	kW	3.79
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6
	Power Input	kW	1.66
	Pdesign	kW	5.0
	SEER/Energy Efficiency Class		6.19/A++
	Seasonal Energy Consumption	kWh/a	283
Heating EN14825	Range Min. - Max.	kW	0.8 - 4.5
	Power Input	kW	1.55
	Pdesign	kW	2.80
	SCOP/Energy Efficiency Class		4.00/A+
	Seasonal Energy Consumption	kWh/a	980

Indoor Data			
Air Flow	High - Medium - Low	l/s	186 - 150 - 125
	High - Medium - Low	m3/h	670 - 540 - 450
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29
Sound Power	High - Medium - Low	dB(A)	55 - 49 - 44
Unit	Height x Width x Depth	mm	293 x 798 x 230
	Weight	kg	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1/2 - 1/4
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	5
	Max. Length Distributor To Furthest Indoor	m	10
Power Cable	Indoor to Indoor		2 core + earth
Remote controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split High-Wall - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 2		RAV-	<a href="#">HM561KRTP-E</a>	<a href="#">HM561KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1101ATP-E</a>	<a href="#">GM1101AT8P-E</a>
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.19/3.75	3.19/3.75
UK	Cooling Total/Sensible	kW	9.5/7.22	9.5/7.22
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.98	2.98
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		5.32/A	5.32/A
	Seasonal Energy Consumption	kWh/a	625	625
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.99	2.99
	Pdesign	kW	7.60	7.60
	SCOP/Energy Efficiency Class		4.19/A+	4.19/A+
	Seasonal Energy Consumption	kWh/a	2539	2539

### Indoor Data

Air Flow	High - Medium - Low	l/s	267 - 231 - 189	267 - 231 - 189
	High - Medium - Low	m3/h	960 - 830 - 680	960 - 830 - 680
Sound Pressure	High - Medium - Low	dB(A)	42 - 39 - 36	42 - 39 - 36
Sound Power	High - Medium - Low	dB(A)	57 - 54 - 51	57 - 54 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote controller				WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split High-Wall - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 2		RAV-	<a href="#">HM801KRTP-E</a>	<a href="#">HM801KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.57/3.37	2.57/3.37
UK	Cooling Total/Sensible	kW	12.72/9.32	12.72/9.32
	Heating	kW	9.3	9.3
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.71	4.71
	Pdesign	kW	12.1	12.1
	SEER/Energy Efficiency Class		5.24/206.6	5.24/206.6
	Seasonal Energy Consumption	kWh/a	1385	1385
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.86	3.86
	Pdesign	kW	13.0	13.0
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2539	2539

Indoor Data				
Air Flow	High - Medium - Low	l/s	289 - 253 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	1040 - 910 - 680	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	45 - 41 - 35	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote controller				WH-TA09NE

\*For accessories and related items please click single split reference


## RAV - Digital Inverter - Twin Split High-Wall - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 2		RAV-	<a href="#">HM801KRTP-E</a>	<a href="#">HM801KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	2.75/3.21	2.75/3.21
UK	Cooling Total/Sensible	kW	13.40/9.60	13.40/9.60
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	5.09	5.09
	Pdesign	kW	12.1	12.1
	SEER/Energy Efficiency Class		5.10/201.0	5.10/201.0
	Seasonal Energy Consumption	kWh/a	1646	1646
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.98	4.98
	Pdesign	kW	13.0	13.0
	SCOP/Energy Efficiency Class		4.98/196.2	4.98/196.2
	Seasonal Energy Consumption	kWh/a	2799	2799

Indoor Data				
Air Flow	High - Medium - Low	l/s	289 - 253 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	1040 - 910 - 680	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	45 - 41 - 35	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote controller				WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split High-Wall - 1101

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 2		RAV-	<a href="#">HM1101KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0
	Heating Capacity	kW	22.4
	EER/COP	W/W	3.00/3.66
UK	Cooling Total/Sensible	kW	20.10/14.40
	Heating	kW	13.78
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4
	Power Input	kW	6.67
	Pdesign	kW	20.0
	SEER/Energy Efficiency Class		5.58/220.2
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0
	Power Input	kW	6.12
	Pdesign	kW	20.0
	SCOP/Energy Efficiency Class		3.76/147.4
	Seasonal Energy Consumption	kWh/a	-*

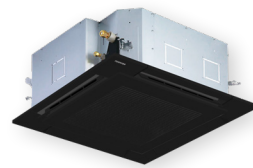
-\* Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	447 - 375 - 328
	High - Medium - Low	m3/h	1610 - 1350 - 1180
Sound Pressure	High - Medium - Low	dB(A)	49 - 45 - 41
Sound Power	High - Medium - Low	dB(A)	64 - 60 - 56
Unit	Height x Width x Depth	mm	348 x 1200 x 280
	Weight	kg	19
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14
Power Cable	Indoor to Indoor		2 core + earth
Remote controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Compact Cassette - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 2		RAV-	<a href="#">HM561MUTP-E</a>	<a href="#">HM561MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1101ATP-E</a>	<a href="#">GM1101AT8P-E</a>
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.16/3.44	3.16/3.44
UK	Cooling Total/Sensible	kW	9.60/7.00	9.60/7.00
	Heating	kW	7.30	7.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	3.00	3.00
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		5.50/A	5.50/A
	Seasonal Energy Consumption	kWh/a	604	604
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	3.26	3.26
	Pdesign	kW	7.40	7.40
	SCOP/Energy Efficiency Class		4.02/A+	4.02/A+
	Seasonal Energy Consumption	kWh/a	2576	2576


Indoor Data				
Air Flow	High - Medium - Low	l/s	221 - 187 - 152	221 - 187 - 152
	High - Medium - Low	m3/h	798 - 672 - 546	798 - 672 - 546
Sound Pressure	High - Medium - Low	dB(A)	44 - 39 - 35	44 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	59 - 54 - 50	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	16	16
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Cassette - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM561UTP-E	HM561UTP-E
Indoor Unit x 2		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.31/3.82	3.31/3.82
UK	Cooling Total/Sensible	kW	9.10/7.56	9.10/7.56
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.87	2.87
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		5.94/A+	5.94/A+
	Seasonal Energy Consumption	kWh/a	560	560
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.93	2.93
	Pdesign	kW	8.00	8.00
	SCOP/Energy Efficiency Class		4.28/A+	4.28/A+
	Seasonal Energy Consumption	kWh/a	2614	2614

Indoor Data				
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	292 - 242 - 217
	High - Medium - Low	m3/h	1050 - 870 - 780	1050 - 870 - 780
Sound Pressure	High - Medium - Low	dB(A)	32 - 29 - 28	32 - 29 - 28
Sound Power	High - Medium - Low	dB(A)	47 - 44 - 43	47 - 44 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4	4
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Cassette - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM801UTP-E	HM801UTP-E
Indoor Unit x 2		RAV-	GM1401ATP-E	GM1401AT8P-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	12.0	12.0
	Heating Capacity	kW	12.8	12.8
	EER/COP	W/W	2.8/3.76	2.8/3.76
UK	Cooling Total/Sensible	kW	11.40/8.80	11.40/8.80
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.57	4.57
	Pdesign	kW	12.00	12.0
	SEER/Energy Efficiency Class		5.71/A+	5.71/A+
	Seasonal Energy Consumption	kWh/a	754	754
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.46	3.46
	Pdesign	kW	8.00	8.0
	SCOP/Energy Efficiency Class		4.29/A+	4.29/A+
	Seasonal Energy Consumption	kWh/a	2609	2609


Indoor Data				
Air Flow	High - Medium - Low	l/s	342 - 267 - 225	342 - 267 - 225
	High - Medium - Low	m3/h	1230 - 960 - 810	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	35 - 31 - 28	35 - 31 - 28
	High - Medium - Low (Under inlet)	dB(A)	-	-
Sound Power	High - Medium - Low	dB(A)	50 - 46 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4	4
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Cassette - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM801UTP-E	HM801UTP-E
Indoor Unit x 2		RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit		RAV-	GM1601ATP-E	GM1601AT8P-E
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.12/3.61	3.12/3.61
UK	Cooling Total/Sensible	kW	13.30/9.70	13.30/9.70
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.49	4.49
	Pdesign	kW	14.00	14.00
	SEER/Energy Efficiency Class		6.30/249.0	6.30/249.0
	Seasonal Energy Consumption	kWh/a	1033	1033
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.43	4.43
	Pdesign	kW	12.00	12.00
	SCOP/Energy Efficiency Class		4.43/174.2	4.43/174.2
	Seasonal Energy Consumption	kWh/a	2575	2575


Indoor Data				
Air Flow	High - Medium - Low	l/s	342 - 267 - 225	342 - 267 - 225
	High - Medium - Low	m3/h	1230 - 960 - 810	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	35 - 31 - 28	35 - 31 - 28
Sound Power	High - Medium - Low	dB(A)	50 - 46 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4	4
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Cassette - 1101 & 1401

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM1101UTP-E	HM1401UTP-E
Indoor Unit x 2		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.60/4.23	3.00/3.80
UK	Cooling Total/Sensible	kW	19.00/15.80	23.80/17.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	5.56	7.83
	Pdesign	kW	20.00	23.50
	SEER/Energy Efficiency Class		6.53/258.2	6.21/245.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.30	7.10
	Pdesign	kW	22.00	25.00
	SCOP/Energy Efficiency Class		4.05/159.0	3.90/153.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

### Indoor Data

Air Flow	High - Medium - Low	l/s	558 - 400 - 325	583 - 400 - 342
	High - Medium - Low	m <sup>3</sup> /h	2010 - 1440 - 1170	2100 - 1440 - 1230
Sound Pressure	High - Medium - Low	dB(A)	43 - 38 - 33	44 - 38 - 34
Sound Power	High - Medium - Low	dB(A)	56 - 53 - 48	59 - 53 - 49
Unit	Height x Width x Depth	mm	319 x 840 x 840	319 x 840 x 840
	Weight	kg	24	24
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25
	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Ceiling - 401 & 561

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM401CTP-E	HM561CTP-E
Indoor Unit x 2		RAV-	GM801ATP-E	GM1101ATP-E
Outdoor Unit		RAV-	GM801ATP-E	GM1101ATP-E
Nominal	Cooling Capacity	kW	6.9	9.5
	Heating Capacity	kW	7.7	11.2
	EER/COP	W/W	2.9/3.62	3.22/3.81
UK	Cooling Total/Sensible	kW	6.60/5.00	9.10/7.18
	Heating	kW	5.51	8.01
Cooling EN14825	Range Min. - Max.	kW	1.5 - 7.4	3.0 - 11.2
	Power Input	kW	2.38	2.95
	Pdesign	kW	6.90	9.50
	SEER/Energy Efficiency Class		5.62/A+	5.85/A+
	Seasonal Energy Consumption	kWh/a	429	568
Heating EN14825	Range Min. - Max.	kW	1.5 - 9.0	3.0 - 13.0
	Power Input	kW	2.13	2.94
	Pdesign	kW	5.10	7.60
	SCOP/Energy Efficiency Class		4.21/A+	4.28/A+
	Seasonal Energy Consumption	kWh/a	2372	2487

Indoor Data				
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	10
	Max. Length Distributor To Furthest Indoor	m	10	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Ceiling - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



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### STANDARD PRODUCT RANGE

Performance		RAV-	HM561CTP-E	HM801CTP-E
Indoor Unit x 2		RAV-	GM1101AT8P-E	GM1401ATP-E
Outdoor Unit		RAV-	GM1101AT8P-E	GM1401ATP-E
Nominal	Cooling Capacity	kW	9.5	12.1
	Heating Capacity	kW	11.2	12.8
	EER/COP	W/W	3.22/3.81	2.74/3.74
UK	Cooling Total/Sensible	kW	9.10/7.18	11.50/8.40
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 13.2
	Power Input	kW	2.95	4.67
	Pdesign	kW	9.50	12.00
	SEER/Energy Efficiency Class		5.85/A+	5.36/211.4
	Seasonal Energy Consumption	kWh/a	568	660
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 16.0
	Power Input	kW	2.94	3.48
	Pdesign	kW	7.60	8.00
	SCOP/Energy Efficiency Class		4.28/A+	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2487	2543

### Indoor Data

Air Flow	High - Medium - Low	l/s	250 - 200 - 150	392 - 278 - 208
	High - Medium - Low	m3/h	900 - 720 - 540	1410 - 1000 - 750
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Ceiling - 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



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### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	<a href="#">HM801CTP-E</a>	<a href="#">HM801CTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401AT8P-E</a>	<a href="#">GM1601ATP-E</a>
Nominal	Cooling Capacity	kW	12.1	14.0
	Heating Capacity	kW	12.8	16.0
	EER/COP	W/W	2.74/3.74	3.01/3.47
UK	Cooling Total/Sensible	kW	11.50/8.40	13.30/9.30
	Heating	kW	9.30	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 16.0
	Power Input	kW	4.67	4.65
	Pdesign	kW	12.00	14.00
	SEER/Energy Efficiency Class		5.36/211.4	5.90/233.0
	Seasonal Energy Consumption	kWh/a	660	831
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 18.0
	Power Input	kW	3.48	4.61
	Pdesign	kW	8.00	12.00
	SCOP/Energy Efficiency Class		4.19/164.6	4.61/181.4
	Seasonal Energy Consumption	kWh/a	2543	2732

#### Indoor Data

Air Flow	High - Medium - Low	l/s	392 - 278 - 208	392 - 278 - 208
	High - Medium - Low	m3/h	1410 - 1000 - 750	1410 - 1000 - 750
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 29	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 44	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1270 x 690
	Weight	kg	29	29
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Ceiling - 801 & 1101

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801CTP-E	HM1101CTP-E
Indoor Unit x 2		RAV-	GM1601AT8P-E	GM2241AT8-E1
Outdoor Unit		RAV-	GM1601AT8P-E	GM2241AT8-E1
Nominal	Cooling Capacity	kW	14.0	20.0
	Heating Capacity	kW	16.0	22.4
	EER/COP	W/W	3.01/3.47	3.91/3.92
UK	Cooling Total/Sensible	kW	13.30/9.30	19.00/15.80
	Heating	kW	10.88	13.78
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	4.6-22.4
	Power Input	kW	4.65	6.17
	Pdesign	kW	14.00	20.00
	SEER/Energy Efficiency Class		5.90/233.0	5.67/223.8
	Seasonal Energy Consumption	kWh/a	831	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	4.6-25.0
	Power Input	kW	4.61	5.71
	Pdesign	kW	12.00	20.00
	SCOP/Energy Efficiency Class		4.61/181.4	3.79/146.6
	Seasonal Energy Consumption	kWh/a	2732	-


Indoor Data				
Air Flow	High - Medium - Low	l/s	392 - 278 - 208	517 - 375 - 283
	High - Medium - Low	m3/h	1410 - 1000 - 750	1860 - 1350 - 1020
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 29	44 - 38 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 44	59 - 53 - 47
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1586 x 690
	Weight	kg	29	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Ceiling - 1401

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 2		RAV-	<a href="#">HM1401CTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM2801AT8-E1</a>
Nominal	Cooling Capacity	kW	23.5
	Heating Capacity	kW	27.0
	EER/COP	W/W	3.04/3.57
UK	Cooling Total/Sensible	kW	23.80/17.80
	Heating	kW	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-27.0
	Power Input	kW	8.97
	Pdesign	kW	23.50
	SEER/Energy Efficiency Class		5.16/203.4
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	4.6-31.5
	Power Input	kW	7.56
	Pdesign	kW	22.00
	SCOP/Energy Efficiency Class		3.65/143.0
	Seasonal Energy Consumption	kWh/a	-*

-\* Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	567 - 425 - 333
	High - Medium - Low	m3/h	2040 - 1530 - 1200
Sound Pressure	High - Medium - Low	dB(A)	46 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	61 - 56 - 50
Unit	Height x Width x Depth	mm	235 x 1586 x 690
	Weight	kg	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Ducted - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM561BTP-E	HM561BTP-E
Indoor Unit x 2		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.18/3.75	3.18/3.75
UK	Cooling Total/Sensible	kW	9.10/7.37	9.10/7.37
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	2.99	2.99
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		5.28/A	5.28/A
	Seasonal Energy Consumption	kWh/a	630	630
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.99	2.99
	Pdesign	kW	7.60	7.60
	SCOP/Energy Efficiency Class		4.22/A+	4.22/A+
	Seasonal Energy Consumption	kWh/a	2520	2520

Indoor Data				
Air Flow	High - Medium - Low	l/s	558 - 400 - 325	583 - 400 - 342
	High - Medium - Low	m3/h	2010 - 1440 - 1170	2100 - 1440 - 1230
Sound Pressure	High - Medium - Low	dB(A)	43 - 38 - 33	44 - 38 - 34
Sound Power	High - Medium - Low	dB(A)	56 - 53 - 48	59 - 53 - 49
Unit	Height x Width x Depth	mm	319 x 840 x 840	319 x 840 x 840
	Weight	kg	24	24
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25
	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Ducted - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801BTP-E	HM801BTP-E
Indoor Unit x 2		RAV-	GM1401ATP-E	GM1401AT8P-E
Outdoor Unit		RAV-	GM1401ATP-E	GM1401AT8P-E
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	12.8	12.8
	EER/COP	W/W	2.74/3.61	2.74/3.61
UK	Cooling Total/Sensible	kW	11.15/8.90	11.15/8.90
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.67	4.42
	Pdesign	kW	12.00	12.00
	SEER/Energy Efficiency Class		5.36/211.4	5.36/211.4
	Seasonal Energy Consumption	kWh/a	707	707
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.60	3.60
	Pdesign	kW	8.00	8.00
	SCOP/Energy Efficiency Class		4.21/165.4	4.21/165.4
	Seasonal Energy Consumption	kWh/a	2569	2569

Indoor Data				
Air Flow	High - Medium - Low	l/s	333 - 258 - 200	333 - 258 - 200
	High - Medium - Low	m3/h	1200 - 930 - 720	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30 )	30 (120 - 30 )
Sound Pressure	High - Medium - Low	dB(A)	34 - 30 - 26	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	49 - 45 - 41	49 - 45 - 41
Unit	Height x Width x Depth	mm	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Ducted - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801BTP-E	HM801BTP-E
Indoor Unit x 2		RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit		RAV-	GM1601ATP-E	GM1601AT8P-E
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	2.73/3.41	2.73/3.41
UK	Cooling Total/Sensible	kW	13.30/9.70	13.30/9.70
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	5.13	5.13
	Pdesign	kW	14.00	14.00
	SEER/Energy Efficiency Class		5.30/209.0	5.30/209.0
	Seasonal Energy Consumption	kWh/a	925	925
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.69	4.69
	Pdesign	kW	12.00	12.00
	SCOP/Energy Efficiency Class		4.43/174.2	4.43/174.2
	Seasonal Energy Consumption	kWh/a	2782	2782

Indoor Data				
Air Flow	High - Medium - Low	l/s	333 - 258 - 200	333 - 258 - 200
	High - Medium - Low	m3/h	1200 - 930 - 720	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30 )	30 (120 - 30 )
Sound Pressure	High - Medium - Low	dB(A)	34 - 30 - 26	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	49 - 45 - 41	49 - 45 - 41
Unit	Height x Width x Depth	mm	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Standard Ducted - 1101 & 1401

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM1101BTP-E</a>	<a href="#">HM1401BTP-E</a>
Indoor Unit x 2		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Outdoor Unit				
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/4.02	2.65/3.62
UK	Cooling Total/Sensible	kW	19.00/15.80	23.80/18.00
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.17	8.87
	Pdesign	kW	20.00	23.50
	SEER/Energy Efficiency Class		5.03/198.2	4.92/193.8
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.57	7.46
	Pdesign	kW	22.00	25.00
	SCOP/Energy Efficiency Class		3.72/145.8	3.64/142.6
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	583 - 483 - 139	583 - 483 - 139
	High - Medium - Low	m3/h	2100 - 1740 - 1500	2100 - 1740 - 1500
External Static Pressure	Standard (Upper - Lower)	Pa	50 (120-30)	50 (120-30)
Sound Pressure	High - Medium - Low	dB(A)	40 - 36 - 33	40 - 36 - 33
Sound Power	High - Medium - Low	dB(A)	63 - 58 - 54	63 - 58 - 54
Unit	Height x Width x Depth	mm	275 x 1400 x 750	275 x 1400 x 750
	Weight	kg	40	40
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Floor Standing - 561 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM561FT-E	HM561FT-E
Indoor Unit x 2		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.10/3.51	3.10/3.51
UK	Cooling Total/Sensible	kW	9.50/7.10	9.50/7.10
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	3.06	3.06
	Pdesign	kW	9.5	9.5
	SEER/Energy Efficiency Class		5.16/A	5.16/A
	Seasonal Energy Consumption	kWh/a	644	644
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	3.19	3.19
	Pdesign	kW	7.6	7.6
	SCOP/Energy Efficiency Class		3.92/A	3.92/A
	Seasonal Energy Consumption	kWh/a	2708	2708

Indoor Data				
Air Flow	High - Medium - Low	l/s	228 - 194 - 167	228 - 194 - 167
	High - Medium - Low	m3/h	820 - 700 - 600	820 - 700 - 600
Sound Pressure	High - Medium - Low	dB(A)	46 - 42 - 38	46 - 42 - 38
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 52	60 - 56 - 52
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	44	44
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Floor Standing - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM801FT-E</a>	<a href="#">HM801FT-E</a>
Indoor Unit x 2		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.57/3.24	2.57/3.24
UK	Cooling Total/Sensible	kW	11.50/8.20	11.50/8.20
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.71	4.71
	Pdesign	kW	12.1	12.1
	SEER/Energy Efficiency Class		4.86/191.4	4.86/191.4
	Seasonal Energy Consumption	kWh/a	1492	1492
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.01	4.01
	Pdesign	kW	7.6	7.6
	SCOP/Energy Efficiency Class		3.90/153.0	3.90/153.0
	Seasonal Energy Consumption	kWh/a	2727	2727

Indoor Data				
Air Flow	High - Medium - Low	l/s	258 - 214 - 178	258 - 214 - 178
	High - Medium - Low	m3/h	930 - 770 - 640	930 - 770 - 640
Sound Pressure	High - Medium - Low	dB(A)	50 - 45 - 41	50 - 45 - 41
Sound Power	High - Medium - Low	dB(A)	64 - 60 - 54	64 - 60 - 54
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	45	45
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Twin Split Floor Standing - 1101 & 1401

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM1101FT-E	HM1401FT-E
Indoor Unit x 2		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/3.98	2.65/3.29
UK	Cooling Total/Sensible	kW	23.80/17.80	23.80/17.80
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6- 22.4	4.6- 27.0
	Power Input	kW	6.17	8.87
	Pdesign	kW	20.00	23.50
	SEER/Energy Efficiency Class		5.08/200.2	4.87/191.8
	Seasonal Energy Consumption	kWh/a	-	-
Heating EN14825	Range Min. - Max.	kW	4.6- 25.0	4.6- 31.5
	Power Input	kW	5.63	8.21
	Pdesign	kW	22.40	25.00
	SCOP/Energy Efficiency Class		3.60/141.0	3.57/139.8
	Seasonal Energy Consumption	kWh/a	-	-

Indoor Data			461 - 394 - 331	489 - 411 - 375
Air Flow	High - Medium - Low	l/s	461 - 394 - 331	489 - 411 - 375
	High - Medium - Low	m3/h	1660 - 1420 - 1190	1760 - 1480 - 1350
Sound Pressure	High - Medium - Low	dB(A)	51 - 46 - 41	53 - 48 - 45
Sound Power	High - Medium - Low	dB(A)	67 - 62 - 59	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 390	1750 x 600 x 390
	Weight	kg	59	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	20 Male Screw	20 Male Screw
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference


## RAV - Digital Inverter - Triple Split High-Wall - 301 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM301KRTP-E	HM301KRTP-E
Indoor Unit x 3		RAV-	GM1101ATP-E	GM1101AT8P-E
Outdoor Unit		RAV-	GM1101ATP-E	GM1101AT8P-E
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.19/3.75	3.19/3.75
UK	Cooling Total/Sensible	kW	9.5/7.22	9.5/7.22
	Heating	kW	8.01	8.01
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	3.13	2.98
	Pdesign	kW	10.00	10.0
	SEER/Energy Efficiency Class		5.32/A	5.13/A
	Seasonal Energy Consumption	kWh/a	682	682
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	2.99	2.99
	Pdesign	kW	7.60	7.6
	SCOP/Energy Efficiency Class		4.19/A+	4.18/A+
	Seasonal Energy Consumption	kWh/a	2546	2546

Indoor Data				
Air Flow	High - Medium - Low	l/s	158 - 128 - 83	158 - 128 - 83
	High - Medium - Low	m3/h	570 - 462 - 300	570 - 462 - 300
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 52 - 44	56 - 52 - 44
Unit	Height x Width x Depth	mm	275 x 790 x 217	275 x 790 x 217
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
	Remote controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split High-Wall - 401- 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM401KRTP-E</a>	<a href="#">HM401KRTP-E</a>
Indoor Unit x 3		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Outdoor Unit				
Nominal	Cooling Capacity	kW	12.0	12.0
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.57/3.37	2.57/3.37
UK	Cooling Total/Sensible	kW	12.72/9.32	12.72/9.32
	Heating	kW	9.3	9.3
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.71	4.71
	Pdesign	kW	6.7	6.7
	SEER/Energy Efficiency Class		5.24/206.6	5.24/206.6
	Seasonal Energy Consumption	kWh/a	687	687
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.86	3.86
	Pdesign	kW	8.0	8.0
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2661	2661

Indoor Data				
Air Flow	High - Medium - Low	l/s	194 - 161 - 125	194 - 161 - 125
	High - Medium - Low	m3/h	700 - 580 - 450	700 - 580 - 450
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 30	41 - 36 - 30
Sound Power	High - Medium - Low	dB(A)	55 - 51 - 45	55 - 51 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
	Remote controller			WH-TA09NE

\*For accessories and related items please click single split reference


## RAV - Digital Inverter - Triple Split High-Wall - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 3		RAV-	<a href="#">HM561KRTP-E</a>	<a href="#">HM561KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.21/3.21	3.21/3.21
UK	Cooling Total/Sensible	kW	14.40/11.70	14.40/11.70
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.98	4.98
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		5.10/201.0	5.10/201.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.98	4.98
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		4.00/157.0	4.00/157.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

#### Indoor Data

Air Flow	High - Medium - Low	l/s	267 - 231 - 189	267 - 231 - 189
	High - Medium - Low	m3/h	960 - 830 - 680	960 - 830 - 680
Sound Pressure	High - Medium - Low	dB(A)	42 - 39 - 36	42 - 39 - 36
Sound Power	High - Medium - Low	dB(A)	57 - 54 - 51	57 - 54 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
	Remote controller		WH-TA09NE	


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split High-Wall - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801KRTP-E	HM801KRTP-E
Indoor Unit x 3		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.00/3.66	2.65/3.53
UK	Cooling Total/Sensible	kW	20.10/14.40	20.10/14.40
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.67	9.22
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.58/220.2	5.30/209.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	6.12	7.65
	Pdesign	kW	20.0	22.0
	SCOP/Energy Efficiency Class		3.76/147.4	3.63/142.2
	Seasonal Energy Consumption	kWh/a	-*	-*

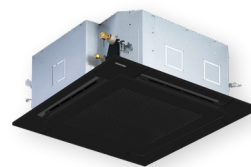
\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	289 - 253 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	1040 - 910 - 680	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	45 - 41 - 35	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	20	20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
	Remote controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Compact Cassette - 301 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 3		RAV-	<a href="#">HM301MUTP-E</a>	<a href="#">HM301MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1101ATP-E</a>	<a href="#">GM1101AT8P-E</a>
Nominal	Cooling Capacity	kW	9.5	9.5
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	3.17/3.44	3.17/3.44
UK	Cooling Total/Sensible	kW	9.60/7.00	9.60/7.00
	Heating	kW	7.30	7.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 11.2	3.0 - 11.2
	Power Input	kW	3.00	3.00
	Pdesign	kW	9.50	9.50
	SEER/Energy Efficiency Class		5.50/A	5.50/A
	Seasonal Energy Consumption	kWh/a	597	597
Heating EN14825	Range Min. - Max.	kW	3.0 - 13.0	3.0 - 13.0
	Power Input	kW	3.26	3.26
	Pdesign	kW	7.40	7.40
	SCOP/Energy Efficiency Class		4.02/A+	4.02/A+
	Seasonal Energy Consumption	kWh/a	2616	2616

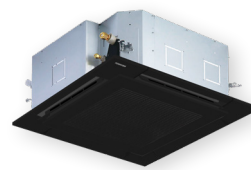
-\* Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	178 - 144 - 122	178 - 144 - 122
	High - Medium - Low	m3/h	640 - 520 - 440	640 - 520 - 440
Sound Pressure	High - Medium - Low	dB(A)	38 - 36 - 30	38 - 36 - 30
Sound Power	High - Medium - Low	dB(A)	53 - 51 - 45	53 - 51 - 45
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Compact Cassette - 401 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 3		RAV-	<a href="#">HM401MUTP-E</a>	<a href="#">HM401MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.0	12.0
	Heating Capacity	kW	12.8	12.8
	EER/COP	W/W	2.8/3.76	2.8/3.76
UK	Cooling Total/Sensible	kW	10.35/8.37	10.35/8.37
	Heating	kW	7.68	7.68
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.57	4.57
	Pdesign	kW	12.00	12.0
	SEER/Energy Efficiency Class		-*	-*
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.46	3.46
	Pdesign	kW	8.00	8.0
	SCOP/Energy Efficiency Class		-*	-*
	Seasonal Energy Consumption	kWh/a	-*	-*

-\* Awaiting factory data

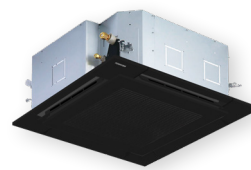
### Indoor Data


Air Flow	High - Medium - Low	l/s	183 - 153 - 130	183 - 153 - 130
	High - Medium - Low	m3/h	660 - 552 - 468	660 - 552 - 468
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 32	41 - 36 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 47	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Compact Cassette 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 3		RAV-	<a href="#">HM561MUTP-E</a>	<a href="#">HM561MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	2.82/3.41	2.75/3.41
UK	Cooling Total/Sensible	kW	14.40/10.80	14.40/10.80
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.96	5.09
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		5.10/201.0	5.10/201.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.69	4.69
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		4.00/157.0	4.00/157.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

#### Indoor Data


Air Flow	High - Medium - Low	l/s	222 - 187 - 152	222 - 187 - 152
	High - Medium - Low	m3/h	798 - 672 - 546	798 - 672 - 546
Sound Pressure	High - Medium - Low	dB(A)	44 - 39 - 35	44 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	59 - 54 - 50	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	27 x 700 x 700	27 x 700 x 700
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Standard Cassette - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM561UTP-E	HM561UTP-E
Indoor Unit x 3		RAV-	GM1601ATP-E	GM1601AT8P-E
Outdoor Unit		RAV-	GM1601ATP-E	GM1601AT8P-E
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.12/3.61	3.12/3.61
UK	Cooling Total/Sensible	kW	14.40/11.70	14.40/11.70
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.49	4.49
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		6.30/249.0	6.30/249.0
	Seasonal Energy Consumption	kWh/a	1033	1033
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.43	4.43
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		4.35/171.0	4.35/171.0
	Seasonal Energy Consumption	kWh/a	2575	2575


Indoor Data				
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	292 - 242 - 217
	High - Medium - Low	m3/h	1050 - 870 - 780	1050 - 870 - 780
Sound Pressure	High - Medium - Low	dB(A)	32 - 29 - 28	32 - 29 - 28
Sound Power	High - Medium - Low	dB(A)	47 - 44 - 43	47 - 44 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Standard Cassette - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 3		RAV-	<a href="#">HM801UTP-E</a>	<a href="#">HM801UTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.60/4.23	3.00/3.80
UK	Cooling Total/Sensible	kW	22.20/18.60	22.20/18.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	5.56	7.83
	Pdesign	kW	20.00	23.50
	SEER/Energy Efficiency Class		6.57/259.8	6.24/246.6
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.30	7.10
	Pdesign	kW	22.00	25.00
	SCOP/Energy Efficiency Class		4.05/159.0	3.91/153.4
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	342 - 267 - 225	342 - 267 - 225
	High - Medium - Low	m3/h	1230 - 960 - 810	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	35 - 31 - 28	35 - 31 - 28
Sound Power	High - Medium - Low	dB(A)	50 - 46 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	20	20
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Lift Pump Drain Height from Unit Base	mm	< 850	< 850	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Ceiling - 401 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM401CTP-E</a>	<a href="#">HM401CTP-E</a>
Indoor Unit x 3		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	12.8	12.8
	EER/COP	W/W	2.74/3.74	2.74/3.74
UK	Cooling Total/Sensible	kW	11.50/8.40	11.50/8.40
	Heating	kW	9.30	9.30
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.67	4.67
	Pdesign	kW	12.0	12.0
	SEER/Energy Efficiency Class		5.36/211.4	5.36/211.4
	Seasonal Energy Consumption	kWh/a	660	660
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.48	3.48
	Pdesign	kW	8.00	8.00
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2543	2543

Indoor Data				
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
	High - Medium - Low (Under inlet)	dB(A)	52 - 50 - 43	52 - 50 - 43
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Ceiling - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM561CTP-E</a>	<a href="#">HM561CTP-E</a>
Indoor Unit x 3		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Outdoor Unit				
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.01/3.47	3.01/3.47
UK	Cooling Total/Sensible	kW	14.40/11.70	14.40/11.70
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.65	4.65
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		5.90/233.0	5.90/233.0
	Seasonal Energy Consumption	kWh/a	831	831
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.61	4.61
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		4.10/161.0	4.10/161.0
	Seasonal Energy Consumption	kWh/a	2732	2732

Indoor Data				
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Ceiling - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801CTP-E	HM801CTP-E
Indoor Unit x 3		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/3.92	2.62/3.57
UK	Cooling Total/Sensible	kW	22.20/16.50	22.20/16.50
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.17	8.97
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.59/220.6	5.16/203.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.71	7.56
	Pdesign	kW	20.0	22.0
	SCOP/Energy Efficiency Class		3.79/148.6	3.65/143.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	392 - 278 - 208	392 - 278 - 208
	High - Medium - Low	m3/h	1410 - 1000 - 750	1410 - 1000 - 750
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 29	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 44	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1270 x 690
	Weight	kg	29	29
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	20	20
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Standard Ducted - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM561BTP-E</a>	<a href="#">HM561BTP-E</a>
Indoor Unit x 3		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Outdoor Unit				
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	2.73/3.41	2.73/3.41
UK	Cooling Total/Sensible	kW	14.40/12.00	14.40/12.00
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	5.13	5.13
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		5.30/209.0	5.30/209.0
	Seasonal Energy Consumption	kWh/a	925	925
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.69	4.69
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		3.90/153.0	3.90/153.0
	Seasonal Energy Consumption	kWh/a	2782	2782

Indoor Data				
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	222 - 175 - 133
	High - Medium - Low	m3/h	800 - 630 - 480	800 - 630 - 480
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30 )	30 (120 - 30 )
Sound Pressure	High - Medium - Low	dB(A)	33 - 29 - 25	33 - 29 - 25
Sound Power	High - Medium - Low	dB(A)	48 - 44 - 40	48 - 44 - 40
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 700 x 750
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Standard Ducted - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801BTP-E	HM801BTP-E
Indoor Unit x 3		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/4.02	2.65/3.62
UK	Cooling Total/Sensible	kW	22.20/15.90	22.20/15.90
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.17	8.87
	Pdesign	kW	20.00	23.50
	SEER/Energy Efficiency Class		5.22/205.8	5.59/220.6
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.57	7.46
	Pdesign	kW	22.00	25.00
	SCOP/Energy Efficiency Class		3.74/146.6	3.65/143.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

### Indoor Data

Air Flow	High - Medium - Low	l/s	333 - 258 - 200	333 - 258 - 200
	High - Medium - Low	m3/h	1200 - 930 - 720	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30 )	30 (120 - 30 )
Sound Pressure	High - Medium - Low	dB(A)	34 - 30 - 26	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	49 - 45 - 41	49 - 45 - 41
Unit	Height x Width x Depth	mm	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	20	20
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Triple Split Floor Standing - 801 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM801FT-E	HM801FT-E
Indoor Unit x 3		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/3.98	2.65/3.29
UK	Cooling Total/Sensible	kW	19.20/13.20	19.20/13.20
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6- 22.4	4.6- 27.0
	Power Input	kW	6.17 (1.01-8.83)	8.87 (1.01-11.69)
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.08/200.2	4.87/191.8
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6- 25.0	4.6- 31.5
	Power Input	kW	5.63 (0.93-9.93)	8.21 (0.93-13.65)
	Pdesign	kW	22.4	25.0
	SCOP/Energy Efficiency Class		3.60/141.0	3.57/139.8
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	258 - 214 - 178	258 - 214 - 178
	High - Medium - Low	m3/h	930 - 770 - 640	930 - 770 - 640
Sound Pressure	High - Medium - Low	dB(A)	51 - 46 - 41	51 - 46 - 41
Sound Power	High - Medium - Low	dB(A)	67 - 62 - 59	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	45	45
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	20	20
Power Cable	Drain Pipe Connection Upper - Lower	mm	20 Male Screw	20 Male Screw
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split High-Wall - 301 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM301KRTP-E</a>	<a href="#">HM301KRTP-E</a>
Indoor Unit x 4		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	13.0	13.0
	EER/COP	W/W	2.57/3.37	2.57/3.37
UK	Cooling Total/Sensible	kW	12.72/9.32	12.72/9.32
	Heating	kW	9.3	9.3
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.71	4.71
	Pdesign	kW	6.7	6.7
	SEER/Energy Efficiency Class		5.24/206.6	5.24/206.6
	Seasonal Energy Consumption	kWh/a	687	687
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.86	3.86
	Pdesign	kW	8.0	8.0
	SCOP/Energy Efficiency Class		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	2661	2661


Indoor Data				
Air Flow	High - Medium - Low	l/s	158 - 128 - 83	158 - 128 - 83
	High - Medium - Low	m3/h	570 - 462 - 300	570 - 462 - 300
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 52 - 44	56 - 52 - 44
Unit	Height x Width x Depth	mm	275 x 790 x 217	275 x 790 x 217
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
Power Cable	Indoor to Indoor		VP16/14	VP16/14
	Indoor to Outdoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split High-Wall - 301 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 4		RAV-	<a href="#">HM401KRTP-E</a>	<a href="#">HM401KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.21/3.21	3.21/3.21
UK	Cooling Total/Sensible	kW	13.40/9.60	13.40/9.60
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.98	4.98
	Pdesign	kW	14.0	14.0
	SEER/Energy Efficiency Class		5.09/201.0	5.10/201.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.98	4.98
	Pdesign	kW	12.0	12.0
	SCOP/Energy Efficiency Class		4.00/157.0	4.00/157.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	194 - 161 - 125	194 - 161 - 125
	High - Medium - Low	m3/h	700 - 580 - 450	700 - 580 - 450
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 30	41 - 36 - 30
Sound Power	High - Medium - Low	dB(A)	55 - 51 - 45	55 - 51 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
Power Cable	Indoor to Indoor		VP16/14	VP16/14
			2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split High-Wall - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM561KRTP-E</a>	<a href="#">HM801KRTP-E</a>
Indoor Unit x 4		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.00/3.66	2.55/3.53
UK	Cooling Total/Sensible	kW	19.20/15.60	19.20/15.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.67	9.22
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.60/221.0	5.22/205.8
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	6.12	7.65
	Pdesign	kW	20.0	22.0
	SCOP/Energy Efficiency Class		3.77/147.8	3.63/142.2
	Seasonal Energy Consumption	kWh/a	-*	-*

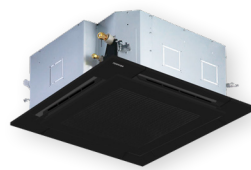
\*- Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	960 - 830 - 680	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	42 - 39 - 36	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	57 - 54 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	kg	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6	6
	Max. Length Main Distributor To Furthest Indoor	m	20	20
	Max. Distance From Second Distributor To Indoors	m	10	10
Drain Pipe Connection Upper - Lower	mm	VP16	VP16	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Compact Cassette - 301 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 4		RAV-	<a href="#">HM301MUTP-E</a>	<a href="#">HM301MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1401ATP-E</a>	<a href="#">GM1401AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	12.8	12.8
	EER/COP	W/W	2.8/3.76	2.8/3.76
UK	Cooling Total/Sensible	kW	10.35/8.37	10.35/8.37
	Heating	kW	7.68	7.68
Cooling EN14825	Range Min. - Max.	kW	3.0 - 13.2	3.0 - 13.2
	Power Input	kW	4.57	4.57
	Pdesign	kW	12.00	12.0
	SEER/Energy Efficiency Class		-*	-*
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	3.46	3.46
	Pdesign	kW	8.00	8.0
	SCOP/Energy Efficiency Class		-*	-*
	Seasonal Energy Consumption	kWh/a	-*	-*

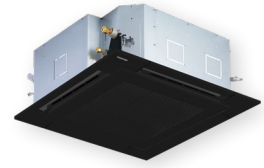
\*- Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	178 - 144 - 122	178 - 144 - 122
	High - Medium - Low	m3/h	640 - 520 - 440	640 - 520 - 440
Sound Pressure	High - Medium - Low	dB(A)	38 - 36 - 30	38 - 36 - 30
Sound Power	High - Medium - Low	dB(A)	53 - 51 - 45	53 - 51 - 45
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	620 x 620 x 15	620 x 620 x 15
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Compact Cassette - 401 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image

Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM401MUTP-E</a>	<a href="#">HM401MUTP-E</a>
Indoor Unit x 4		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	12.1	12.1
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	2.82/3.41	2.82/3.41
UK	Cooling Total/Sensible	kW	14.40/10.80	14.40/10.80
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.96	4.96
	Pdesign	kW	14.00	14.00
	SEER/Energy Efficiency Class		5.10/201.0	5.10/201.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.69	4.69
	Pdesign	kW	12.00	12.00
	SCOP/Energy Efficiency Class		4.00/157.0	4.00/157.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

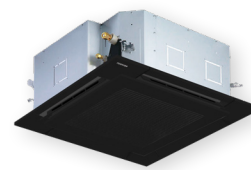
Indoor Data				
Air Flow	High - Medium - Low	l/s	183 - 153 - 130	183 - 153 - 130
	High - Medium - Low	m3/h	660 - 552 - 468	660 - 552 - 468
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 32	41 - 36 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 47	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	620 x 620 x 15	620 x 620 x 15
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Compact Cassette - 561

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 4		RAV-	<a href="#">HM561MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0
	Heating Capacity	kW	22.4
	EER/COP	W/W	3.15/3.66
UK	Cooling Total/Sensible	kW	19.20/14.40
	Heating	kW	13.78
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4
	Power Input	kW	6.24
	Pdesign	kW	20.0
	SEER/Energy Efficiency Class		6.24/237.0
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0
	Power Input	kW	6.12
	Pdesign	kW	20.0
	SCOP/Energy Efficiency Class		4.04/156.2
	Seasonal Energy Consumption	kWh/a	-*

\*- Awaiting factory data

### Indoor Data


Air Flow	High - Medium - Low	l/s	222 - 187 - 152
	High - Medium - Low	m3/h	798 - 672 - 546
Sound Pressure	High - Medium - Low	dB(A)	44 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575
	Weight	kg	15
Panel	Height x Width x Depth	mm	12 x 620 x 620
	Weight	kg	3
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6
	Max. Length Main Distributor To Furthest Indoor	m	20
	Max. Distance From Second Distributor To Indoors	m	10
Drain Pipe Connection Upper - Lower	mm	VP25	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Standard Cassette - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM561UTP-E	HM801UTP-E
Indoor Unit x 4		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.60/4.23	3.00/3.80
UK	Cooling Total/Sensible	kW	19.20/15.60	19.20/15.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	5.56	7.83
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		6.57/259.8	6.16/243.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.30	7.10
	Pdesign	kW	22.0	25.0
	SCOP/Energy Efficiency Class		4.05/159.0	3.90/153.0
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225
	High - Medium - Low	m3/h	1050 - 870 - 780	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28
Sound Power	High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4	4
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6	6
	Max. Length Main Distributor To Furthest Indoor	m	20	20
	Max. Distance From Second Distributor To Indoors	m	10	10
Drain Pipe Connection Upper - Lower	mm	VP25	VP25	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split - Ceiling - 401 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 4		RAV-	<a href="#">HM401CTP-E</a>	<a href="#">HM401CTP-E</a>
Outdoor Unit		RAV-	<a href="#">GM1601ATP-E</a>	<a href="#">GM1601AT8P-E</a>
Nominal	Cooling Capacity	kW	14.0	14.0
	Heating Capacity	kW	16.0	16.0
	EER/COP	W/W	3.01/3.47	3.01/3.47
UK	Cooling Total/Sensible	kW	13.30/9.30	13.30/9.30
	Heating	kW	10.88	10.88
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	3.0 - 16.0
	Power Input	kW	4.65	4.65
	Pdesign	kW	14.00	14.00
	SEER/Energy Efficiency Class		5.90/233.0	5.90/233.0
	Seasonal Energy Consumption	kWh/a	831	831
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	3.0 - 18.0
	Power Input	kW	4.61	4.61
	Pdesign	kW	12.00	12.00
	SCOP/Energy Efficiency Class		4.10/161.0	4.10/161.0
	Seasonal Energy Consumption	kWh/a	2732	2732

Indoor Data				
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
	High - Medium - Low (Under inlet)	dB(A)	52 - 50 - 43	52 - 50 - 43
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth


\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split - Ceiling - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	<a href="#">HM561CTP-E</a>	<a href="#">HM801CTP-E</a>
Indoor Unit x 4		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/3.92	2.62/3.57
UK	Cooling Total/Sensible	kW	19.20/15.60	19.20/15.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.17	8.97
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.68/224.2	5.06/199.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.71	7.56
	Pdesign	kW	20.0	22.0
	SCOP/Energy Efficiency Class		3.80/149.0	3.64/142.6
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data

### Indoor Data

Air Flow	High - Medium - Low	l/s	250 - 200 - 150	392 - 278 - 208
	High - Medium - Low	m <sup>3</sup> /h	900 - 720 - 540	1410 - 1002 - 750
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6	6
	Max. Length Main Distributor To Furthest Indoor	m	20	20
	Max. Distance From Second Distributor To Indoors	m	15	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP20	VP20
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Standard Ducted - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control

Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM561BTP-E	HM801BTP-E
Indoor Unit x 4		RAV-	GM2241AT8-E1	GM2801AT8-E1
Outdoor Unit		RAV-	GM2241AT8-E1	GM2801AT8-E1
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/4.02	2.65/3.62
UK	Cooling Total/Sensible	kW	19.20/16.00	19.20/15.60
	Heating	kW	13.78	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6-22.4	4.6-27.0
	Power Input	kW	6.17	8.87
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.18/204.2	5.03/198.2
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6-25.0	4.6-31.5
	Power Input	kW	5.57	7.46
	Pdesign	kW	22.0	25.0
	SCOP/Energy Efficiency Class		3.73/146.2	3.64/142.6
	Seasonal Energy Consumption	kWh/a	-*	-*

\*- Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	333 - 258 - 200
	High - Medium - Low	m3/h	798 - 630 - 480	1200 - 930 - 720
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (120 - 30)
Sound Pressure	High - Medium - Low	dB(A)	33 - 29 - 25	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	48 - 44 - 40	49 - 45 - 41
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 1000 x 750
	Weight	kg	23	30
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6	6
	Max. Length Main Distributor To Furthest Indoor	m	20	20
	Max. Distance From Second Distributor To Indoors	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Quad Split Floor Standing - 561 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance				
Indoor Unit x 4		RAV-	<a href="#">HM561FT-E</a>	<a href="#">HM561FT-E</a>
Outdoor Unit		RAV-	<a href="#">GM2241AT8-E1</a>	<a href="#">GM2801AT8-E1</a>
Nominal	Cooling Capacity	kW	20.0	23.5
	Heating Capacity	kW	22.4	27.0
	EER/COP	W/W	3.24/3.98	2.65/3.59
UK	Cooling Total/Sensible	kW	19.20/13.60	25.60/17.60
	Heating	kW	16.73	16.73
Cooling EN14825	Range Min. - Max.	kW	4.6- 22.4	4.6- 27.0
	Power Input	kW	6.17 (1.01-8.83)	8.87 (1.01-11.69)
	Pdesign	kW	20.0	23.5
	SEER/Energy Efficiency Class		5.08/200.2	5.12/191.8
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	4.6- 25.0	4.6- 31.5
	Power Input	kW	5.63 (0.93-9.93)	8.21 (0.93-13.65)
	Pdesign	kW	22.4	25.0
	SCOP/Energy Efficiency Class		3.60/141.0	3.59/139.8
	Seasonal Energy Consumption	kWh/a	-*	-*

-\* Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	228 - 194 - 167	258 - 214 - 178
	High - Medium - Low	m3/h	820 - 700 - 600	930 - 770 - 640
Sound Pressure	High - Medium - Low	dB(A)	46 - 42 - 38	51 - 46 - 41
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 52	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	44	45
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Outdoor Connection To Distributor (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Max. Subtractive Separation Between Indoors	m	6	6
	Max. Length Main Distributor To Furthest Indoor	m	20	20
	Max. Distance From Second Distributor To Indoors	m	15	15
	Drain Pipe Connection Upper - Lower	mm	20 Male Screw	20 Male Screw
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Digital Inverter - Outdoor Units - 301 & 401

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image



Retail Price (interactive icons):

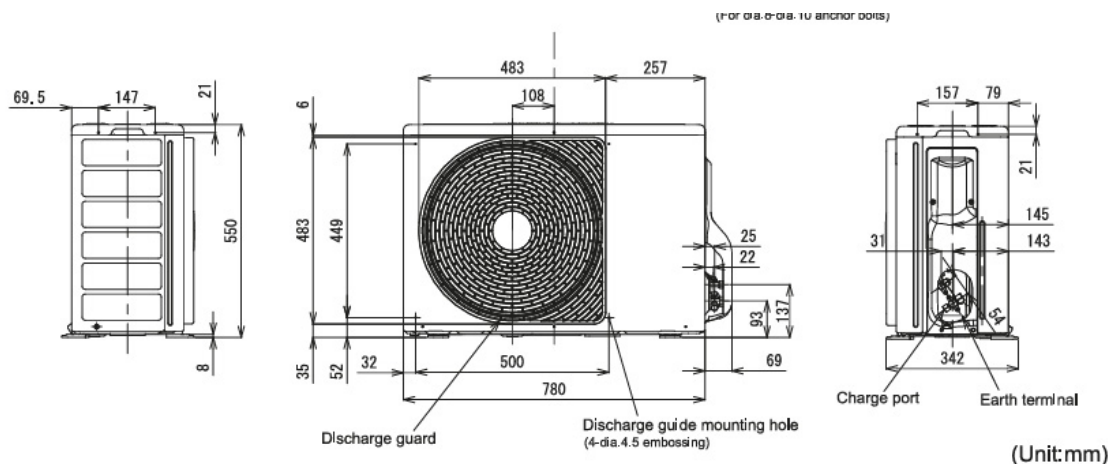


### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM301ATP-E	GM401ATP-E
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-15 to 15	-15 to 15
Air Flow	High	m3/h - l/s	1800 - 500	2200 - 611
Sound	Pressure High Cooling/Heating	dB(A)	46 - 47	49 - 50
	Power High Cooling/Heating	dB(A)	61 - 62	64 - 65
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290
	Weight	kg	33	39
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Min.-Max. Length	m	2 - 20	2 - 20
	Maximum Height Difference	m	±10	±10
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 0.6/15	R32 - 0.9/15
	Additional Charge Liquid Side	g/m	20	20
Run Current	Maximum	Amps	3.75	4.64
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-10	220-240/1/50-10

### Related items:

- [BIM files](#)
- [CAD files](#)
- Refrigerant cycle diagram - [301](#) / [801](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)




[301 / 401](#)

## RAV - Digital Inverter - Outdoor Units - 561 & 801

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):

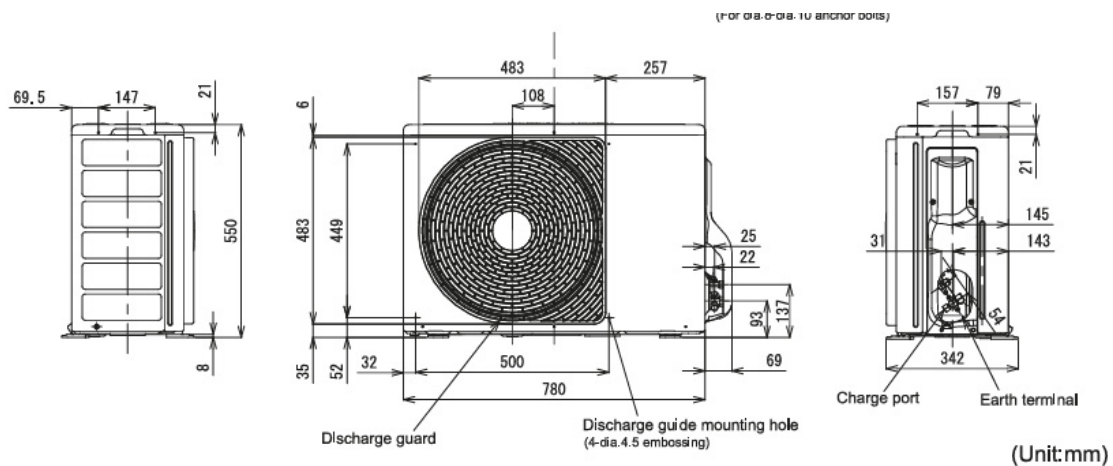


### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM561ATP-E1	GM801ATP-E
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-15 to 15	-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	2400 - 667	2700 - 750
Sound	Pressure High Cooling/Heating	dB(A)	46 - 48	48 - 52
	Power High Cooling/Heating	dB(A)	63 - 65	65 - 69
Unit	Height x Width x Depth	mm	550 x 780 x 290	550 x 780 x 290
	Weight	kg	40	44
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Min.-Max. Length	m	5 - 30	5 - 30
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 0.9/20	R32 - 1.3/20
	Additional Charge Liquid Side	g/m	20	35
Run Current	Maximum	Amps	7.31	10.40
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-16	220-240/1/50-16

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- Installation manual - [561](#) / [801](#)




[561 / 801](#)

## RAV - Digital Inverter - Outdoor Units - 901

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):

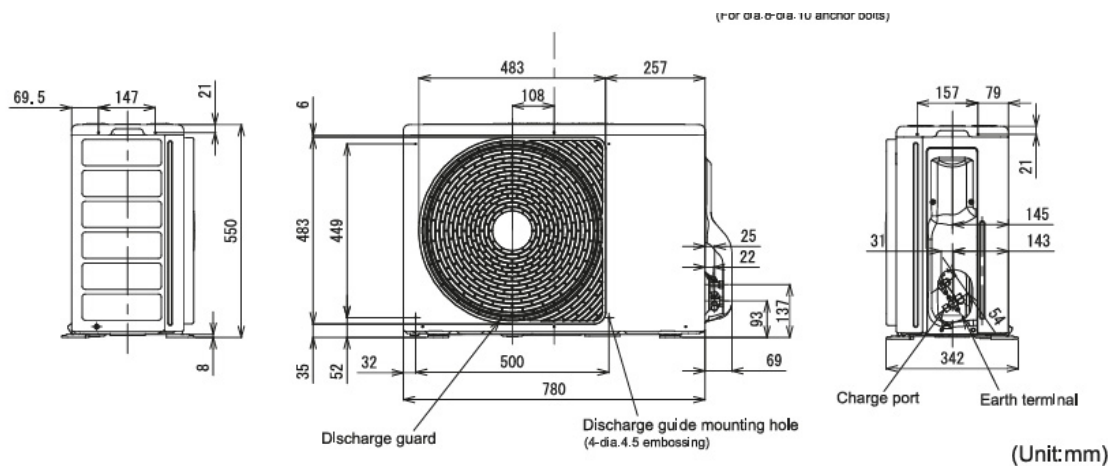


### STANDARD PRODUCT RANGE

Performance			
Outdoor Unit		RAV	GM901ATP-E
Operating Range	Cooling	C°	-15 to 46
	Heating		-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	2900 - 806
Sound	Pressure High Cooling/Heating	dB(A)	51 - 68
	Power High Cooling/Heating	dB(A)	68 - 72
Unit	Height x Width x Depth	mm	630 x 800 x 300
	Weight	kg	47
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Min.-Max. Length	m	5 - 50
	Maximum Height Difference	m	±30
	Drain Port Connection	mm	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 2.0/20
	Additional Charge Liquid Side	g/m	35
Run Current	Maximum	Amps	12.81
Power Cable	Outdoor to Indoor		3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



901

## RAV - Digital Inverter - Outdoor Units - 1101 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image



Retail Price (interactive icons):

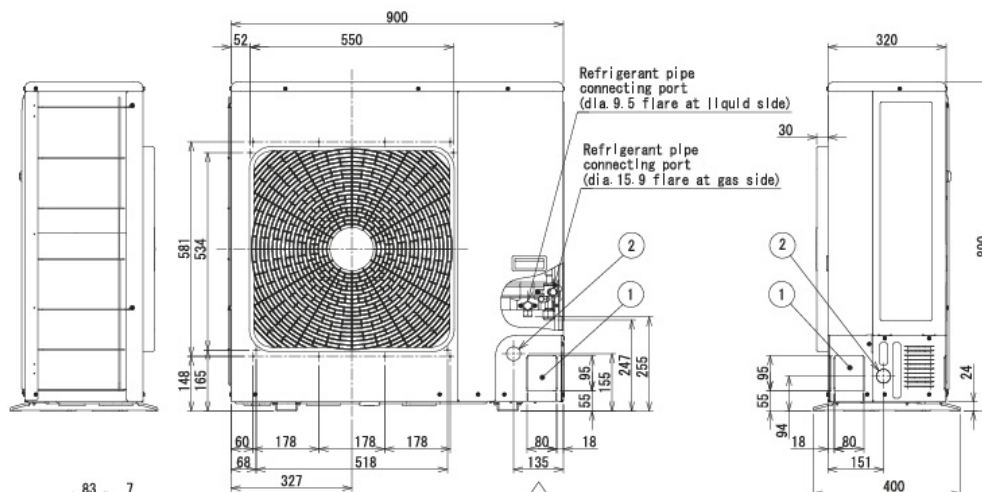


### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM1101ATP-E	GM1101AT8P-E
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-15 to 15	-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	4080 - 1133	4080 - 1133
Sound	Pressure High Cooling/Heating	dB(A)	54 - 57	54 - 57
	Power High Cooling/Heating	dB(A)	70 - 74	70 - 74
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320
	Weight	kg	68	68
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5 - 50	5 - 50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 2.1/30	R32 - 2.1/30
	Additional Charge Liquid Side	g/m	35	35
Run Current	Maximum	Amps	14.50	4.85
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20	380-415/3/50-10

### Related items:


- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram - 1ph / 3ph](#)
- [Noise curve data](#)
- [Installation manual - 1ph / 3ph](#)



## RAV - Digital Inverter - Outdoor Units - 1401 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Hi - Res Image 



Retail Price (interactive icons):

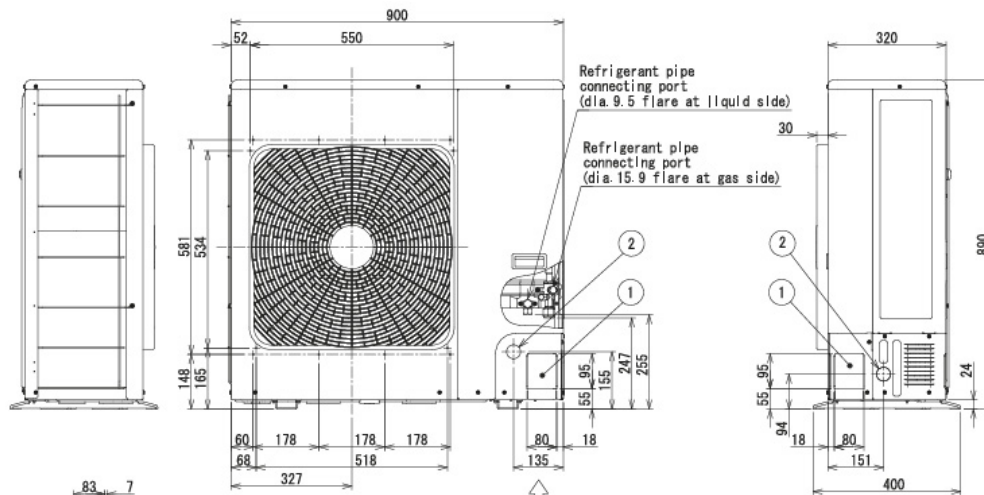


### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM1401ATP-E	GM1401AT8P-E
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-15 to 15	-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	4200 - 1167	4200 - 1167
Sound	Pressure High Cooling/Heating	dB(A)	55 - 57	55 - 57
	Power High Cooling/Heating	dB(A)	70 - 74	70 - 74
Unit	Height x Width x Depth	mm	890 x 900 x 320	890 x 900 x 320
	Weight	kg	68	68
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5 - 50	5 - 50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 2.1/30	R32 - 2.1/30
	Additional Charge Liquid Side	g/m	35	35
Run Current	Maximum	Amps	20.75	6.90
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram - 1ph / 3ph](#)
- [Noise curve data](#)
- [Installation manual - 1ph / 3ph](#)



1401

## RAV - Digital Inverter - Outdoor Units - 1601 - 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Standby power consumption reduced by 50% to 6W
- Up to 12.8 kW in only 890mm height and 69kg weight
- Wide ambient range: cooling -15°C to +46°C heating +15°C to -15°C
- Power limitation by 1% step between 50% and 100% load for optimal capacity control



Retail Price (interactive icons):



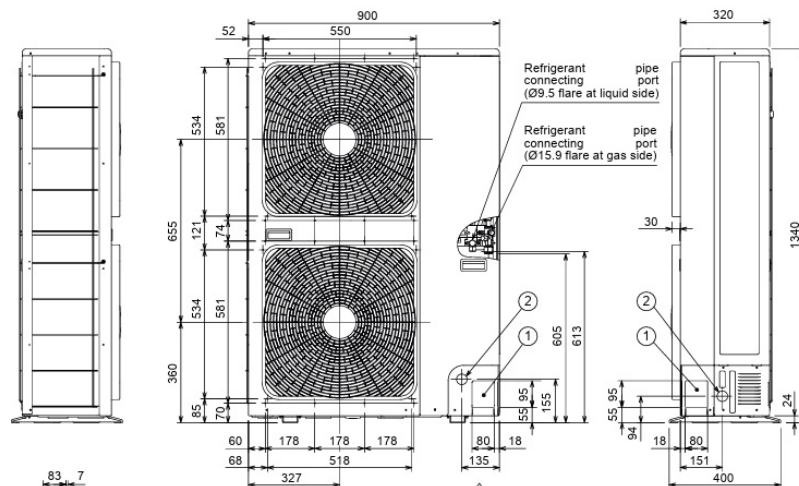
Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM1601ATP-E	GM1601AT8P-E
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-15 to 15	-15 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	6900 - 1917	6900 - 1917
Sound	Pressure High Cooling/Heating	dB(A)	53 - 55	53 - 55
	Power High Cooling/Heating	dB(A)	70 - 72	70 - 72
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1340 x 900 x 320
	Weight	kg	95	94
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	5 - 50	5 - 50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 2.4/30	R32 - 2.1/30
	Additional Charge Liquid Side	g/m	35	35
Run Current	Maximum	Amps	21.71	7.23
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- Installation manual - [1ph](#) / [3ph](#)



1601

## RAV - Digital Inverter - Outdoor Units - 2241 & 2801 - 3ph

- High SEER/SCOP energy efficiencies.
- 19% lower in weight versus previous models
- 100m maximum pipe length for flexible installation
- Compact single fan chassis for easy installation and transportation.
- Expansion of Indoor unit combinations with 4HP High Wall twin connection.



Retail Price (interactive icons):



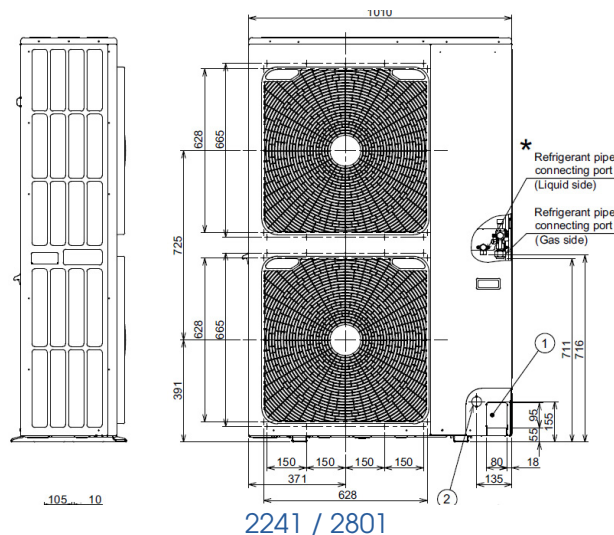
Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		STANDARD PRODUCT RANGE		
Outdoor Unit		RAV	GM2241AT8-E1	GM2801AT8-E1
Operating Range	Cooling	C°	-15 to 46	-15 to 46
	Heating		-27 to 15	-27 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	9150- 2541	10890- 3025
Sound	Pressure High Cooling/Heating	dB(A)	58 - 60	61 - 63
	Power High Cooling/Heating	dB(A)	76 - 76	78 - 80
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1550 x 1010 x 370
	Weight	kg	142	142
Pipe Connection	Flare Connections (gas - liquid)	inch	1 1/8 - 1/2	1 1/8 - 1/2
	Min.-Max. Length	m	5-100	5-100
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant Charge	Gas - Base Charge/Chargeless Length	m	R32 - 5.0	R32 - 5.0
	Additional Charge Liquid Side	g/m	20	40
Run Current	Maximum	Amps	10.15	14.49
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	380-415/3/50-16	380-415/3/50-20

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## > HM\_KRTP HIGH WALL



Compact, quiet with an attractive design, this high-wall is suitable for every kind of project in new construction or refurbishment.

### Comfort

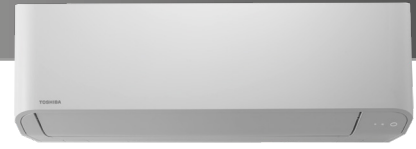
- Auto louvre mode allows optimum and uniform air distribution.

### Control

- Wireless remote control with pre-set functions accessible with dedicated buttons: hi-power mode, quiet mode, comfort sleep, eco-mode.

### Healthy

- Self-cleaning feature to prevent mould formation on the heat exchanger coils.



SCOP MAX



4.42  
A+

CAPACITY



2.5kW > 11.2kW

OPERATION



-20°C > +52°C

Comfort sleep function adjusts automatically the room temperature and the fan speed.



### INDOOR UNITS

RAV-HM561KRTP-E  
RAV-HM801KRTP-E  
RAV-HM1101KRTP-E



### SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101ATW(8)-E



### REMOTE CONTROLS

IR included



RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - High Wall - 561 & 801

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### HIGH TIER PRODUCT RANGE

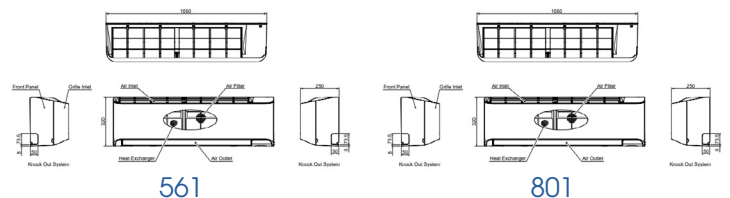
Performance		RAV	HM561KRTP-E	HM801KRTP-E
Indoor Unit			HM561KRTP-E	HM801KRTP-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	3.50/4.03	3.45/3.56
UK	Cooling Total/Sensible	kW	4.81/3.66	6.83/5.02
	Heating	kW	3.55	5.07
Cooling EN14825	Range Min. - Max.	kW	1.2-5.6	1.9-8.0
	Power Input	kW	1.43	2.06
	Pdesign	kW	5.0	7.1
	SEER/Energy Efficiency Class		7.84/A++	7.56/A++
	Seasonal Energy Consumption	kWh/a	223	329
Heating EN14825	Range Min. - Max.	kW	0.9-7.3	1.3-11.3
	Power Input	kW	1.39	2.25
	Pdesign	kW	3.8	5.10
	SCOP/Energy Efficiency Class		4.19/A+	4.16/A+
	Seasonal Energy Consumption	kWh/a	1268	1717

Indoor Data			561	801
Air Flow	High - Medium - Low	l/s	267 - 231 - 189	289 - 253 - 189
	High - Medium - Low	m3/h	960 - 830 - 680	1040 - 910 - 680
Sound	Pressure High - Medium - Low	dB(A)	42 - 39 - 36	45 - 41 - 35
	Power High - Medium - Low	dB(A)	57 - 54 - 51	60 - 56 - 51
Unit	Height x Width x Depth	mm	320 x 1050 x 250	320 x 1050 x 250
	Weight	mm	14	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14
Remote controller			WH-TA09NE	
			<a href="#">Full Specification</a>	<a href="#">Full Specification</a>

Accessories	
<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve - 561 / 801](#)
- [Dimensional drawing - 561 / 801](#)
- [Wiring diagram - 561 / 801](#)
- [Noise curve data - 561 / 801](#)
- [Installation manual](#)




## RAV - Super Digital Inverter - High Wall - 1101 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image 

### HIGH TIER PRODUCT RANGE

Performance		HIGH TIER PRODUCT RANGE			
Indoor Unit		RAV	HM1101KRTP-E	HM1101KRTP-E	
Outdoor Unit			GP1101AT-E	GP1101AT8-E	
Nominal	Cooling Capacity	kW	10.0	10.0	
	Heating Capacity	kW	11.2	11.2	
	EER/COP	W/W	3.61/3.58	3.5/3.45	
UK	Cooling Total/Sensible	kW	9.50/6.70	9.50/6.70	
	Heating	kW	8.00	8.00	
Cooling EN14825	Range Min. - Max.	kW	3.1-12.0	2.6-12.0	
	Power Input	kW	2.77	2.86	
	Pdesign	kW	10.0	10.0	
	SEER/Energy Efficiency Class			7.36/A++	6.53/A++
	Seasonal Energy Consumption	kWh/a	475	536	
	Range Min. - Max.	kW	2.6-13.0	2.4-13.0	
Heating EN14825	Power Input	kW	3.13	3.25	
	Pdesign	kW	9.20	10.8	
	SCOP/Energy Efficiency Class			4.42/A+	4.22/A+
	Seasonal Energy Consumption	kWh/a	2911	3591	

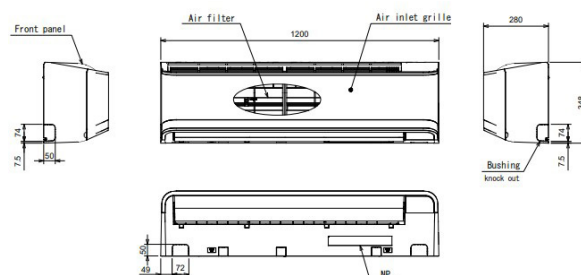
Indoor Data				
Air Flow	High - Medium - Low	l/s	447 - 375 - 328	447 - 375 - 328
	High - Medium - Low	m3/h	1610 - 1350 - 1180	1610 - 1350 - 1180
Sound	Pressure High - Medium - Low	dB(A)	49 - 45 - 41	49 - 45 - 41
	Power High - Medium - Low	dB(A)	64 - 60 - 56	64 - 60 - 56
Unit	Height x Width x Depth	mm	350 x 1200 x 280	350 x 1200 x 280
	Weight	mm	19	19
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 -3/8	5/8 -3/8
	Drain Pipe Connection OD/ID	mm	VP16/14	VP16/14
Remote controller		WH-TA09NE		
		<a href="#">Full Specification</a>		<a href="#">Full Specification</a>

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
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### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



1101

### HM\_UT SMART 4-WAY CASSETTE



Dedicated for commercial application, the Toshiba Smart Cassette is the perfect mix between comfort, elegance and efficiency.

#### Efficiency

- Top class SEER and SCOP, thanks to long slit heat exchanger with magic coil treatment, high efficiency fan motor and large opening air conditioning ventilation.
- Energy saving with the occupancy sensor which will automatically switch off the unit if nobody is in the room (TCB-SIR41U-E needed).

#### Comfort

- Unique flap design for optimal air distribution.
- Individual setting of louvre position: 3 different swing modes: standard, diagonally, opposite or turn around.
- 5 fan steps to precisely control the air flow.

#### Design

- Simple & elegant design fits various rooms.



SCOP MAX



5.51

CAPACITY



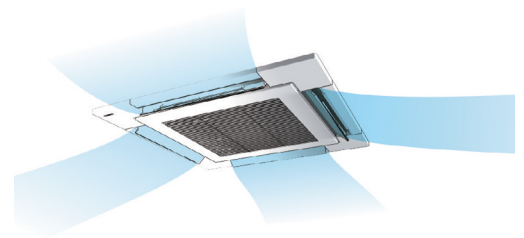
5kW > 14kW

OPERATION



-27°C > +52°C

Louvre position automatically adjusts to prevent cold draught being felt by users



#### INDOOR UNITS

RAV-HM561UT-E  
RAV-HM801UT-E  
RAV-HM1101UT-E  
RAV-HM1401UT-E



#### SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101AT-E  
RAV-GP1401AT-E1




#### REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Smart Cassette - 561 & 801 - 1ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- High efficiency SEER 9.72 / SCOP 5.54
- Compatible with WI-FI when utilising adapter



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM561UT-E	HM801UT-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	4.17/4.34	5.18/5.52
UK	Cooling Total/Sensible	kW	4.8/4.0	7.4/6.2
	Heating	kW	3.55	5.25
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.2	1.37
	Pdesign	kW	5.0	7.1
	SEER/Energy Efficiency Class		8.17/A++	9.72/A+++
	Seasonal Energy Consumption	kWh/a	214	256
Heating EN14825	Range Min. - Max.	kW	0.9 - 8.1	1.3 - 11.3
	Power Input	kW	1.29	1.45
	Pdesign	kW	3.8	5.1
	SCOP/Energy Efficiency Class		5.02/A++	5.54/A+++
	Seasonal Energy Consumption	kWh/a	1058	1287

#### Indoor Data

Air flow	High - Medium - Low	l/s	291 - 250 - 208	533 - 360 - 225
	High - Medium - Low	m3/h	1050 - 900 - 750	1920 - 129 - 810
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 26	42 - 35 - 27
	Power High - Medium - Low	dB(A)	48 - 45 - 43	56 - 49 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	319 x 840 x 840
	Weight	kg	20	25
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight RBC-U41PG(W)-E	kg	5	5
Pipe connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25

#### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

#### Related items:


- [BIM files](#)



## RAV - Super Digital Inverter - Smart Cassette - 1101 & 1401 - 1ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- High efficiency SEER 9.72 / SCOP 5.54
- Compatible with WI-FI when utilising adapter



Hi - Res Image 



Retail Price (interactive icons):



### HIGH TIER PRODUCT RANGE

Performance					
Indoor Unit		RAV	HM1101UT-E	HM1401UT-E	
Outdoor Unit			GP1101AT-E	GP1401AT-E1	
Nominal	Cooling Capacity	kW	10.0	12.5	
	Heating Capacity	kW	11.2	14.0	
	EER/COP	W/W	5.26/5.14	4.30/4.61	
UK	Cooling Total/Sensible	kW	9.5/8.0	11.9/9.4	
	Heating	kW	8.00	9.76	
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	3.1 - 14.0	
	Power Input	kW	1.90	2.91	
	Pdesign	kW	10.0	12.5	
	SEER/Energy Efficiency Class			9.25/A+++	8.87/329
	Seasonal Energy Consumption		kWh/a	378	845
	Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.6 - 16.5
Power Input		kW	2.18	3.04	
Pdesign		kW	9.2	9.6	
SCOP/Energy Efficiency Class			5.03/A++	5.00/195.8	
Seasonal Energy Consumption		kWh/a	2557	2686	

Indoor Data				
Air flow	High - Medium - Low	l/s	625 - 458 - 291	625 - 475 - 325
	High - Medium - Low	m3/h	2250 - 1650 - 1050	2250 - 1710 - 1170
Sound	Pressure High - Medium - Low	dB(A)	48 - 40 - 31	48 - 41 - 33
	Power High - Medium - Low	dB(A)	61 - 54 - 46	61 - 55 - 48
Unit	Height x Width x Depth	mm	319 x 840 x 840	319 x 840 x 840
	Weight	kg	25	25
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight RBC-U41PG(W)-E	kg	5	5
Pipe connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)





### HM\_MUTP COMPACT 4-WAY CASSETTE



The Compact 4-way Cassette has been especially designed for small commercial application where a compact efficient unit is needed. Available in colours black or white.

#### Design

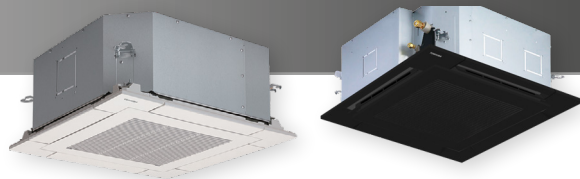
- Elegant and Flat appearance.
- Fits within the T-bar of grid ceiling: 620mm x 620mm.

#### Comfort

- Individual setting of louvre position: 3 different swing modes: standard, diagonally, opposite and turn around.
- 5 step air flow.

#### Easy to install

- Compact and thin chassis with only 256mm height.
- Built-in high lift drain pump.
- Lightweight unit, for easy and quick installation.



SCOP MAX



SEER **6.86**  
SCOP **4.73**

CAPACITY



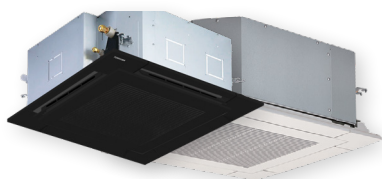
5kW

OPERATION



-27°C > +52°C

Automatic occupancy sensor switches off the unit if nobody is in the room to save energy.



INDOOR UNITS

RAV-HM561MUTP-E



SDI

RAV-GP561ATW-E



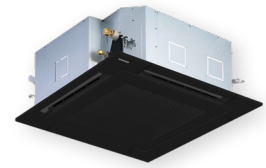
REMOTE CONTROLS

RBC-AXU31UMP-E (white)  
RBC-AXU31UMPB-E (black)

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Compact Cassette - 561 - 1ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM561MUTP-E
Outdoor Unit			GP561ATW-E
Nominal	Cooling Capacity	kW	5.0
	Heating Capacity	kW	5.6
	EER/COP	W/W	3.21/3.50
UK	Cooling Total/Sensible	kW	4.80/3.60
	Heating	kW	3.55
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6
	Power Input	kW	1.56
	Pdesign	kW	5.0
	SEER/Energy Efficiency Class		6.27/A++
	Seasonal Energy Consumption	kWh/a	279
	Range Min. - Max.	kW	0.9 - 7.0
Heating EN14825	Power Input	kW	1.6
	Pdesign	kW	3.8
	SCOP/Energy Efficiency Class		4.32/A+
	Seasonal Energy Consumption	kWh/a	1231

#### Indoor Data

Air Flow	High - Medium - Low	l/s	221 - 187 - 152
	High - Medium - Low	m3/h	798 - 672 - 546
Sound	Pressure High - Medium - Low	dB(A)	44 - 39 - 35
	Power High - Medium - Low	dB(A)	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575
	Weight	kg	15
Panel	Height x Width x Depth	mm	12 x 620 x 620
	Weight RBC-UM21PG(W)-E	kg	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Drain Pipe Connection OD/ID	mm	VP26/20

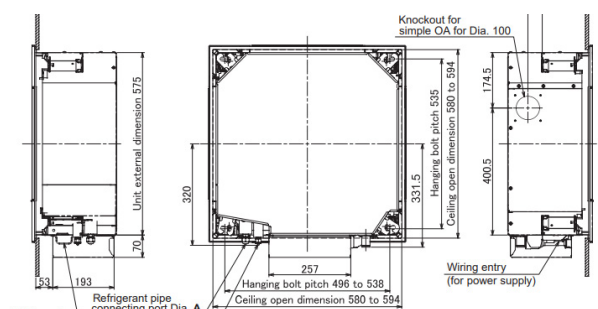
Full Specification

#### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU31UMP-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (White)
RBC-AXU31UMPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Compact Cassette (Black)

#### Related items:

- [BIM files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



561

## > HM\_UTP STANDARD 4-WAY CASSETTE



Standard 4-way Cassette is designed to provide uniform air distribution and total comfort; it is the ideal solution for small commercial application.

### Comfort

- Two louvre shape option: straight flow louvre and wide flow louvre; optimum air distribution.
- Individual setting of louvre position: 3 different swing modes: standard, diagonally, opposite, turn around.
- Wide air flow in all directions.
- Optional ePM2.5 filters and air purifiers.

### Reliability

- Self-cleaning function for anti-mould in drain cap.
- Built-in high-lift drain pump.

### Easy to install

- Compact chassis with only 256mm height (sizes 5 and 8).
- Light-weight unit, for easy and quick installation.



### > BLACK PANEL ALSO AVAILABLE

SCOP MAX



5.24  
A+++

CAPACITY



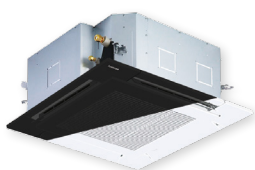
5kW > 16kW

OPERATION



-27°C > +52°C

Optional advanced air filtration solutions using ionizer technology to help create healthy working spaces



INDOOR UNITS

RAV-HM561UTP-E  
RAV-HM801UTP-E  
RAV-HM1101UTP-E  
RAV-HM1401UTP-E  
RAV-HM1601UTP-E



SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101AT(8)-E  
RAV-GP1401AT(8)-E1  
RAV-GP1601AT8-E



REMOTE CONTROLS


RBC-AXU33UP-E (white)  
RBC-AXU33UPB-E (black)

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Standard Cassette - 561 & 801 - 1ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Hi - Res Image 



Retail Price (interactive icons):



### HIGH TIER PRODUCT RANGE

Performance		HIGH TIER PRODUCT RANGE		
Indoor Unit		RAV	HM561UTP-E	HM801UTP-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	4.10/4.31	4.49/4.52
UK	Cooling Total/Sensible	kW	4.80/3.90	7.40/6.20
	Heating	kW	3.55	5.25
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.22	1.58
	Pdesign	kW	5.0	7.1
	SEER/Energy Efficiency Class		7.73/A++	8.96/A+++
	Seasonal Energy Consumption	kWh/a	226	277
Heating EN14825	Range Min. - Max.	kW	0.9 - 8.1	1.3 - 11.3
	Power Input	kW	1.30	1.77
	Pdesign	kW	3.8	5.1
	SCOP/Energy Efficiency Class		4.98/A+	5.24/A+++
	Seasonal Energy Consumption	kWh/a	1069	1363

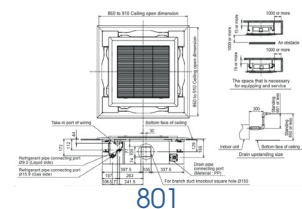
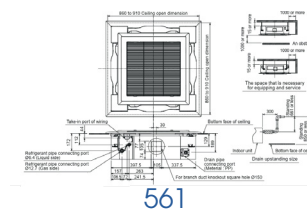
Indoor Data				
Air Flow	High - Medium - Low	l/s	292 - 242 - 217	342 - 267 - 225
	High - Medium - Low	m3/h	1050 - 870 - 780	1230 - 960 - 810
Sound	Pressure High - Medium - Low	dB(A)	32 - 29 - 28	35 - 31 - 28
	Power High - Medium - Low	dB(A)	47 - 44 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight RBC-UM21PG(W)-E	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP32/25	VP32/25

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU33UP-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (White)
RBC-AXU33UPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (Black)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing - 561 / 801](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Standard Cassette - 1101 - 1ph & 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with WI-FI when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):



Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance			HM1101UTP-E	HM1101UTP-E
Indoor Unit		RAV	GP1101AT-E	GP1101AT8-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.69/4.79	4.31/4.65
UK	Cooling Total/Sensible	kW	9.50/7.90	9.50/7.90
	Heating	kW	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6 - 12.0
	Power Input	kW	1.9	2.32
	Pdesign	kW	10.0	10.0
	SEER/Energy Efficiency Class		9.0/A+++	7.32/A++
	Seasonal Energy Consumption	kWh/a	389	478
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4 - 15.6
	Power Input	kW	2.18	2.41
	Pdesign	kW	9.2	9.5
	SCOP/Energy Efficiency Class		4.76/A++	4.38/A+
	Seasonal Energy Consumption	kWh/a	2706	3036

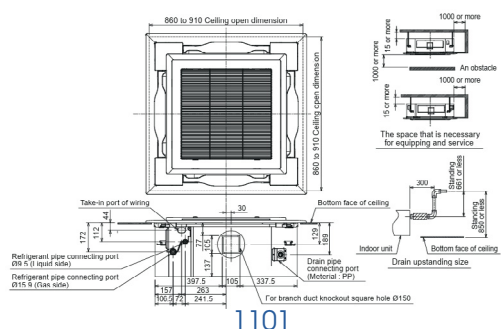
Indoor Data			558 - 400 - 325	558 - 400 - 325
Air Flow	High - Medium - Low	l/s	2010 - 1440 - 1170	2010 - 1440 - 1170
	High - Medium - Low	m3/h	43 - 38 - 33	43 - 38 - 33
Sound	Pressure High - Medium - Low	dB(A)	58 - 53 - 48	58 - 53 - 48
	Power High - Medium - Low	dB(A)	319 x 840 x 840	319 x 840 x 840
Unit	Height x Width x Depth	mm	24	24
	Weight	kg	30 x 950 x 950	30 x 950 x 950
Panel	Height x Width x Depth	mm	4.2	4.2
	Weight RBC-UM21PG(W)-E	kg	5/8 -3/8	5/8 -3/8
Pipe Connection	Flare Connections (gas - liquid)	inch	VP32/25	VP32/25
	Drain Pipe Connection OD/ID	mm		

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU33UP-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (White)
RBC-AXU33UPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (Black)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)





## RAV - Super Digital Inverter - Standard Cassette - 1601 - 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):

UK ROI



Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance					
Indoor Unit		RAV		HM1601UTP-E	
Outdoor Unit				GP1601AT8-E	
Nominal	Cooling Capacity	kW		14.0	
	Heating Capacity	kW		16.0	
	EER/COP	W/W		3.23/3.74	
UK	Cooling Total/Sensible	kW		13.3/9.70	
	Heating	kW		10.45	
Cooling EN14825	Range Min. - Max.	kW		2.6 - 16.0	
	Power Input	kW		4.34	
	Pdesign	kW		14.0	
	SEER/Energy Efficiency Class				6.99/265.8
	Seasonal Energy Consumption		kWh/a		1201
	Heating EN14825	Range Min. - Max.	kW		2.4 - 19.0
Power Input		kW		4.28	
Pdesign		kW		9.5	
SCOP/Energy Efficiency Class				4.38/171.4	
Seasonal Energy Consumption		kWh/a		3036	

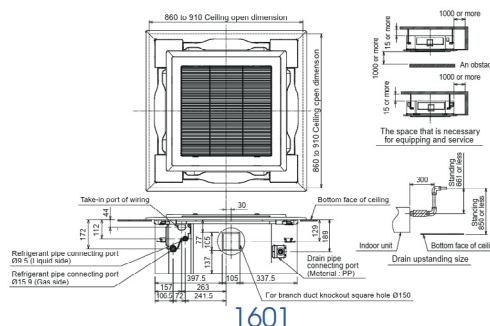
Indoor Data				
Air Flow	High - Medium - Low	l/s		592 - 408 - 350
	High - Medium - Low	m3/h		2130 - 1470 - 1260
Sound	Pressure High - Medium - Low	dB(A)		45 - 40 - 36
	Power High - Medium - Low	dB(A)		60 - 55 - 51
Unit	Height x Width x Depth	mm		319 x 840 x 840
	Weight	kg		24
Panel	Height x Width x Depth	mm		30 x 950 x 950
	Weight RBC-UM21PG(W)-E	kg		4.2
Pipe Connection	Flare Connections (gas - liquid)	inch		5/8 - 3/8
	Drain Pipe Connection OD/ID	mm		VP32/25

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
RBC-AXU33UP-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (White)
RBC-AXU33UPB-E	Remote Controller - Wireless Receiver Kit for 4-Way Cassette (Black)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## > HM\_CTP CEILING



The simple, yet elegant design helps to create a pleasant and relaxing environment, quickly conditioning the room air to the desired temperature.

### Comfort

- Automatic louvre control for all year round comfort and efficiency.
- Low noise levels, thanks to high diameter fan and DC motor.

### Reliability

- Self-cleaning function, enables the air flow to remain constant and fresh and reduces the frequency of service visits.

### Easy to install and to maintain

- This design, represents the best possible solution, where there is a lack of space or absence of a ceiling void.

### Adaptability

- Anti-bacterial drain point available as an option.
- Connecting kit available as an option for external I/O without local relay preparation.



SCOP MAX



5.05

CAPACITY



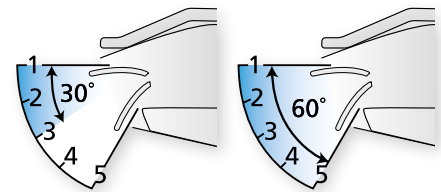
3.6kW > 16kW

OPERATION



-27°C > +52°C

The airflow angle is automatically set to the most suitable setting according to the cooling or heating needs.



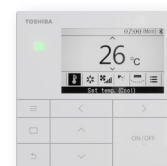
INDOOR UNITS

RAV-HM561CTP-E  
RAV-HM801CTP-E  
RAV-HM1101CTP-E  
RAV-HM1401CTP-E  
RAV-HM1601CTP-E



SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101AT(8)E  
RAV-GP1401AT(8)-E1  
RAV-GP1601AT(8)-E



REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Ceiling Type - 401 & 561 - 1ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Retail Price (interactive icons):

UK



ROI



Hi - Res Image



### HIGH TIER PRODUCT RANGE

Performance			HM561CTP-E	HM801CTP-E
Indoor Unit		RAV	HM561CTP-E	HM801CTP-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	3.65/4.03	4.44/4.44
UK	Cooling Total/Sensible	kW	4.80/3.90	7.40/5.50
	Heating	kW	3.55	5.25
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.37	1.60
	Pdesign	kW	5.0	6.9
	SEER/Energy Efficiency Class		6.93/A++	8.35/A++
	Seasonal Energy Consumption	kWh/a	253	298
Heating EN14825	Range Min. - Max.	kW	0.9 - 7.4	1.3 - 11.3
	Power Input	kW	1.39	1.80
	Pdesign	kW	3.80	6.8
	SCOP/Energy Efficiency Class		4.73/A++	5.10/A++
	Seasonal Energy Consumption	kWh/a	1125	1401

### Indoor Data

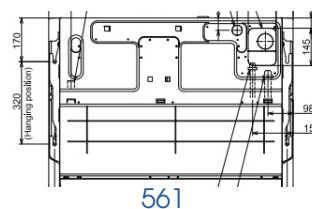
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	392 - 278 - 208
	High - Medium - Low	m3/h	900 - 720 - 540	1410 - 1000 - 750
Sound	Pressure High - Medium - Low	dB(A)	37 - 35 - 28	41 - 36 - 29
	Power High - Medium - Low	dB(A)	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

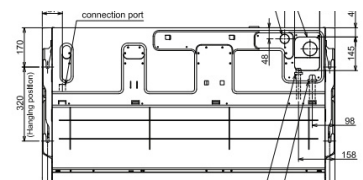
<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files - 561 / 801](#)
- [Airflow/ fan curve - 561 / 801](#)
- [Dimensional drawing - 561 / 801](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



561



801

## RAV - Super Digital Inverter - Ceiling Type - 1101 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### HIGH TIER PRODUCT RANGE

Performance			HM1101CTP-E	HM1101CTP-E
Indoor Unit		RAV	GP1101AT-E	GP1101AT8-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.48/4.71	3.91/4.46
UK	Cooling Total/Sensible	kW	9.50/7.90	9.50/7.90
	Heating	kW	8.00	7.30
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.23	2.56
	Pdesign	kW	10.0	10.0
	SEER/Energy Efficiency Class		8.58/A+++	6.80/A++
	Seasonal Energy Consumption	kWh/a	408	515
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-14.0
	Power Input	kW	2.38	2.51
	Pdesign	kW	7.6	11.6
	SCOP/Energy Efficiency Class		4.75/A++	4.23/A+
	Seasonal Energy Consumption	kWh/a	2712	3842

### Indoor Data

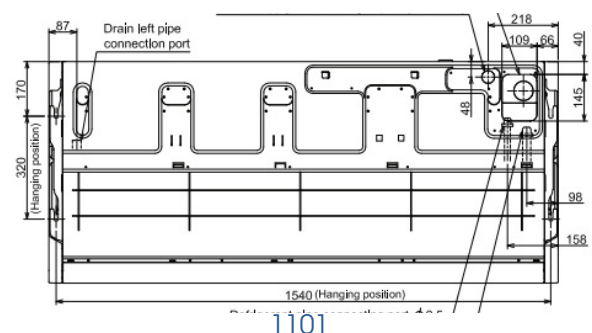
Air Flow	High - Medium - Low	l/s	517 - 375 - 283	517 - 375 - 283
	High - Medium - Low	m3/h	1860 - 1350 - 1020	1860 - 1350 - 1020
Sound	Pressure High - Medium - Low	dB(A)	44 - 38 - 32	44 - 38 - 32
	Power High - Medium - Low	dB(A)	59 - 53 - 47	59 - 53 - 47
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:


- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Ceiling Type - 1401 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM1401CTP-E	HM1401CTP-E	
Outdoor Unit			GP1401AT-E1	GP1401AT8-E	
Nominal	Cooling Capacity	kW	12.5	12.5	
	Heating Capacity	kW	14.0	14.0	
	EER/COP	W/W	3.49/3.9	3.4/4.02	
UK	Cooling Total/Sensible	kW	11.90/8.90	11.90/8.90	
	Heating	kW	9.76	9.14	
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-14.0	
	Power Input	kW	3.58	3.68	
	Pdesign	kW	12.0	10.0	
	SEER/Energy Efficiency Class			7.99/300.2	6.60/249.0
	Seasonal Energy Consumption		kWh/a	939	1137
	Range Min. - Max.		kW	2.6 - 16.5	2.4-18.0
Heating EN14825	Power Input	kW	3.59	3.48	
	Pdesign	kW	8.0	7.6	
	SCOP/Energy Efficiency Class			4.74/185.4	4.22/165.0
	Seasonal Energy Consumption		kWh/a	2838	3916

#### Indoor Data

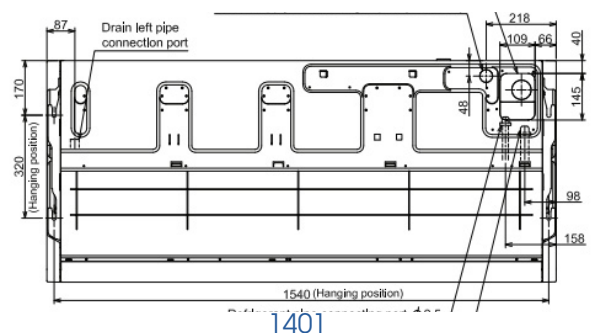
Air Flow	High - Medium - Low	l/s	567 - 425 - 333	567 - 425 - 333
	High - Medium - Low	m3/h	2040 - 1530 - 1200	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	46 - 41 - 35	46 - 41 - 35
	Power High - Medium - Low	dB(A)	61 - 56 - 50	61 - 56 - 50
Unit	Height x Width x Depth	mm	235 x 1586 x 690	235 x 1586 x 690
	Weight	kg	37	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

#### Related items:


- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Ceiling Type - 1601 - 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

Performance				
Indoor Unit		HM1601CTP-E		
Outdoor Unit		GP1601AT8-E		
Nominal	Cooling Capacity	kW	14.0	
	Heating Capacity	kW	16.0	
	EER/COP	W/W	3.04/3.72	
UK	Cooling Total/Sensible	kW	13.30/9.30	
	Heating	kW	10.45	
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0	
	Power Input	kW	4.60	
	Pdesign	kW	10.0	
	SEER/Energy Efficiency Class			6.24/237.0
	Seasonal Energy Consumption		kWh/a	1347
	Range Min. - Max.		kW	2.4-19.0
Heating EN14825	Power Input	kW	4.30	
	Pdesign	kW	7.6	
	SCOP/Energy Efficiency Class			4.21/164.6
	Seasonal Energy Consumption		kWh/a	3988

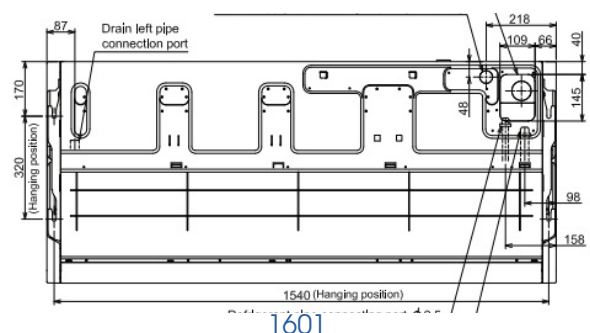
Indoor Data			
Air Flow	High - Medium - Low	l/s	567 - 425 - 333
	High - Medium - Low	m3/h	2040 - 1530 - 1200
Sound	Pressure High - Medium - Low	dB(A)	46 - 42 - 36
	Power High - Medium - Low	dB(A)	61 - 57 - 51
Unit	Height x Width x Depth	mm	235 x 1586 x 690
	Weight	kg	37
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## > HM\_SDTY SUPER SLIM DUCTED



Whether installed in a ceiling void or in a suspended ceiling, the Super Slim Duct is easy to install and offers high performances as well as important energy savings.

### Flexibility

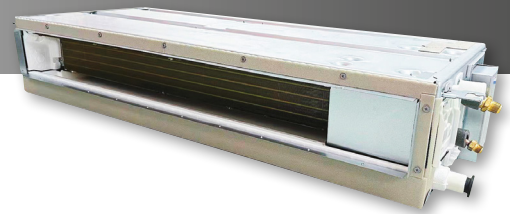
- Whatever the capacity, the 210mm height and 450mm depth compact chassis is adapted to most projects
- Static pressure up to 50Pa set directly on the duct or by using a wired remote controller.

### Comfort

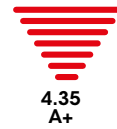
- Noise level down to 26 dB(A) for quiet operation, especially well adapted for bedrooms
- 5-speed fan operation for perfect air flow adaptation.

### Easy installation

- Built-in drain pump



SCOP MAX



4.35  
A+

CAPACITY



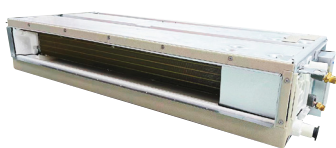
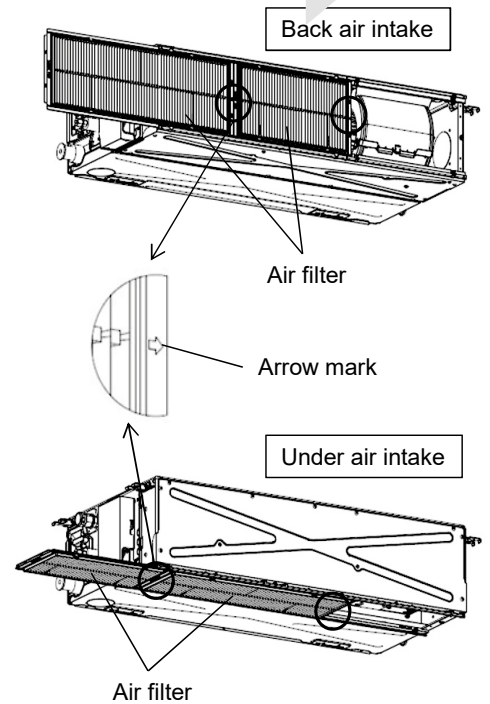
2.5kW > 8kW

OPERATION



-27°C > +52°C

Pre filter included  
Compatible with rear or underside air suction.



### INDOOR UNITS

RAV-HM561SDTY-E  
RAV-HM801SDTY-E



### SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E

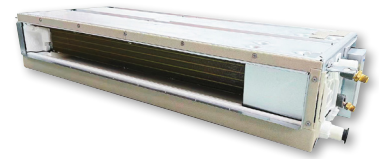


### REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Slim Ducted - 561 & 801 - 1ph

- New TU2C-Link Protocol
- Ultra thin chassis design (210mm)
- New compact and lightweight chassis
- Improved external static pressure up to 50Pa
- Quiet operation with lower sound pressure levels 29dB(A)



Retail Price (interactive icons):

UK



ROI



Hi - Res Image



### HIGH TIER PRODUCT RANGE

Performance				
Indoor Unit			HM561SDTY-E	HM801SDTY-E
Outdoor Unit		RAV	GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8
	EER/COP	W/W	3.24/3.56	3.83/3.77
UK	Cooling Total/Sensible	kW	4.32/3.24	6.66/4.77
	Heating	kW	3.20	4.64
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.54	1.85
	Pdesign	kW	5.0	7.1
	SEER/Energy Efficiency Class		6.15/A++	6.88/A++
	Seasonal Energy Consumption	kWh/a	284	372
	Range Min. - Max.	kW	0.9 - 7.0	1.3 - 11.3
Heating EN14825	Power Input	kW	1.57	2.12
	Pdesign	kW	2.8	5.1
	SCOP/Energy Efficiency Class		4.23/A+	4.27/A+
	Seasonal Energy Consumption	kWh/a	1256	1669

### Indoor Data

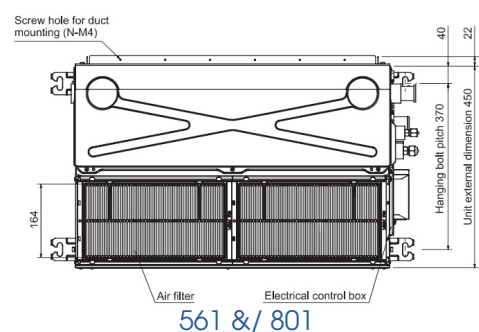
Air Flow	High - Medium - Low	l/s	216 - 198 - 180	316 - 284 - 252
	High - Medium - Low	m3/h	780 - 715 - 650	1140 - 1025 - 910
External Static Pressure	Standard (Upper - Lower)	Pa	30 (50-10)	30 (50-10)
Sound Pressure	High - Medium - Low	dB(A)	34 - 32 - 29	37 - 34 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 54 - 51	61 - 58 - 55
Unit	Height x Width x Depth	mm	210 x 900 x 450	210 x 1100 x 450
	Weight	kg	19	22
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Port Connection Upper - Lower	mm	VP25 - VP25	VP25
	Lift Pump Drain Height from Unit Base	mm	< 750	< 750

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## > HM\_BTP STANDARD DUCTED



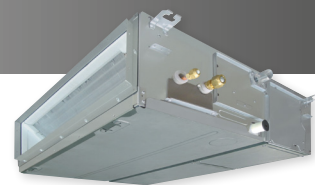
Whatever the shape of the room, this flexible model ensures a uniform temperature and air distribution for optimal end user comfort.

### Adaptability

- Up to 150Pa available pressure: thanks to DC fan motor.
- Flexible design, allows the inlet air configuration to be configured between the standard rear inlet design or as an alternative, from the underside of the unit. There is also a provision for a fresh air intake supply via a pre-punched knock-out hole.
- Compact and thin chassis. Measuring just 275mm in height.

### Easy to install

- Built-in high-lift drain pump.
- PC board panel easily accessible from the side of the unit.
- Optional air discharge spigot.



SCOP MAX



4.85  
A++

CAPACITY



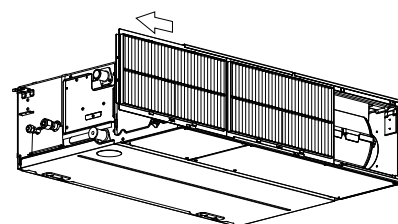
5kW > 16kW

OPERATION



-27°C > +52°C

Simplify filter maintenance with live status to know exactly when they need to be cleaned!



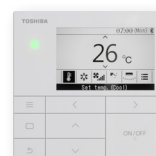
INDOOR UNITS

RAV-HM561BTP-E  
RAV-HM801BTP-E  
RAV-HM1101BTP-E  
RAV-HM1401BTP-E  
RAV-HM1601BTP-E



SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101AT(8)-E  
RAV-GP1401AT(8)-E1  
RAV-GP1601AT8-E




REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
RBC-AWSU52-E

## RAV - Super Digital Inverter - Standard Ducted - 561 & 801- 1ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM561BTP-E	HM801BTP-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	3.29/3.48	4.36/4.32
UK	Cooling Total/Sensible	kW	4.80/4.00	7.40/5.30
	Heating	kW	3.55	5.15
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.52	1.63
	Pdesign	kW	5.0	6.7
	SEER/Energy Efficiency Class		5.81/A+++	7.86/A++
	Seasonal Energy Consumption	kWh/a	301	316
	Range Min. - Max.	kW	0.9 - 7.4	1.3 - 11.3
Heating EN14825	Power Input	kW	1.61	1.85
	Pdesign	kW	3.80	6.7
	SCOP/Energy Efficiency Class		4.27/A+	4.85/A++
	Seasonal Energy Consumption	kWh/a	1245	1472

#### Indoor Data

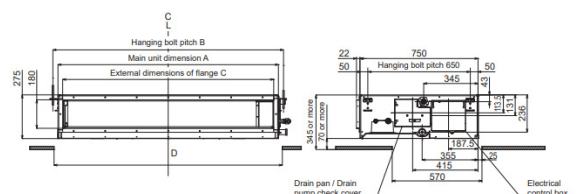
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	333 - 258 - 208
	High - Medium - Low	m <sup>3</sup> /h	800 - 630 - 480	1200 - 930 - 750
Sound	Pressure High - Medium - Low	dB(A)	30 (120 - 30)	30 (120 - 30)
	Power High - Medium - Low	dB(A)	33 - 29 - 25	34 - 30 - 26
Unit	Height x Width x Depth	mm	55 - 51 - 46	55 - 51 - 46
	Weight	kg	275 x 700 x 750	275 x 1000 x 750
Pipe Connection	Flare Connections (gas - liquid)	inch	23	31
	Drain Pipe Connection OD/ID	mm	1/2 - 1/4	5/8 - 3/8

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

#### Related items:

- [BIM files 561 / 801](#)
- [CAD files 561 / 801](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)




[561 & / 801](#)

## RAV - Super Digital Inverter - Standard Ducted - 1101 - 1ph & 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):



### HIGH TIER PRODUCT RANGE

Performance					
Indoor Unit		RAV	HM1101BTP-E	HM1101BTP-E	
Outdoor Unit			GP1101AT-E	GP1101AT8-E	
Nominal	Cooling Capacity	kW	10.0	10.0	
	Heating Capacity	kW	11.2	11.2	
	EER/COP	W/W	4.17/4.1	3.88/4.06	
UK	Cooling Total/Sensible	kW	9.50/7.90	9.50/7.90	
	Heating	kW	8.00	7.31	
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0	
	Power Input	kW	2.40	2.58	
	Pdesign	kW	10.0	10.0	
	SEER/Energy Efficiency Class			7.19/A++	6.10/A+
	Seasonal Energy Consumption		kWh/a	486	574
	Range Min. - Max.		kW	2.6 - 13.0	2.4-15.6
Heating EN14825	Power Input	kW	2.73	2.76	
	Pdesign	kW	7.6	10.8	
	SCOP/Energy Efficiency Class			4.30/A+	4.19/A+
	Seasonal Energy Consumption		kWh/a	2997	3606

### Indoor Data

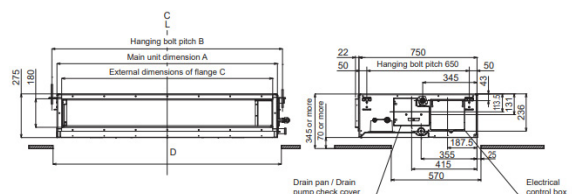
Air Flow	High - Medium - Low	l/s	583 - 458 - 350	583 - 458 - 350
	High - Medium - Low	m <sup>3</sup> /h	2100 - 1650 - 1260	2100 - 1650 - 1260
Sound	Pressure High - Medium - Low	dB(A)	50 (120 - 30 )	50 (120 - 30 )
	Power High - Medium - Low	dB(A)	40 - 36 - 33	40 - 36 - 33
Unit	Height x Width x Depth	mm	63 - 58 - 54	63 - 58 - 54
	Weight	kg	275 x 1400 x 750	275 x 1400 x 750
Pipe Connection	Flare Connections (gas - liquid)	inch	41	41
	Drain Pipe Connection OD/ID	mm	5/8 -3/8	5/8 -3/8

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)





## RAV - Super Digital Inverter - Standard Ducted - 1601 - 1ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image



Retail Price (interactive icons):

UK



ROI



### HIGH TIER PRODUCT RANGE

Performance				
Indoor Unit		RAV		
Outdoor Unit		HM1601BTP-E		
		GP1601AT8-E		
Nominal	Cooling Capacity	kW	14.0	
	Heating Capacity	kW	16.0	
	EER/COP	W/W	3.12/3.5	
UK	Cooling Total/Sensible	kW	13.30/9.70	
	Heating	kW	10.45	
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0	
	Power Input	kW	4.49	
	Pdesign	kW	14.0	
	SEER/Energy Efficiency Class			5.81/211.4
	Seasonal Energy Consumption		kWh/a	1444
	Range Min. - Max.		kW	2.4-19.0
Heating EN14825	Power Input	kW	4.57	
	Pdesign	kW	12.0	
	SCOP/Energy Efficiency Class			3.96/154.2
	Seasonal Energy Consumption		kWh/a	4238

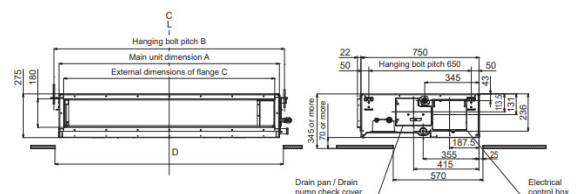
Indoor Data			
Air Flow	High - Medium - Low	l/s	583 - 458 - 350
	High - Medium - Low	m <sup>3</sup> /h	2100 - 1650 - 1260
Sound	Pressure High - Medium - Low	dB(A)	50 (120 - 30 )
	Power High - Medium - Low	dB(A)	40 - 36 - 33
Unit	Height x Width x Depth	mm	63 - 58 - 54
	Weight	kg	275 x 1400 x 750
Pipe Connection	Flare Connections (gas - liquid)	inch	41
	Drain Pipe Connection OD/ID	mm	5/8 - 3/8

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AMSU52-E</a>	Remote Controller - Includes timer and back light display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and back light display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-SF56C6BPE	Discharge Spigot 2 x 200 mm - RAV-HM40#_56#BTP-E
TCB-SF80C6BPE	Discharge Spigot 3 x 200 mm - RAV-HM80#BTP-E
TCB-SF160C6BPE	Discharge Spigot 4 x 200 mm - RAV-HM110#_160#BTP-E

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



1601

## > HM\_FT FLOOR STANDING



Toshiba floor standing unit combines important air flow, wide air diffusion and simplified installation to cool and heat large rooms.

### Wide adaptability

- Broad capacity lineup from 2 to 6HP.
- Connectible in monosplit or twin mode.

### Comfort

- Wide air flow to cool and heat large areas.
- Horizontal and vertical louvres for optimum air distribution.

### Easy to install

- Directly positioned on the floor to simplify installation.
- Plug and play product with embedded link detector.



SCOP MAX



4.40  
A+

CAPACITY



5kW > 16kW

OPERATION



-27°C > +52°C

Embedded leak detector linked to safety ventilation to facilitate the integration of the product in every kind of projects.



INDOOR UNITS

RAV-HM561FT-E  
RAV-HM801FT-E  
RAV-HM1101FT-E  
RAV\_HM1401FT-E  
RAV-HM1601FT-E



SDI

RAV-GP561ATW-E  
RAV-GP801ATW-E  
RAV-GP1101AT(8)-E  
RAV-GP1401AT(8)-E  
RAV-GP1601AT(8)-E



REMOTE CONTROLS

RBC-ASCU32Y-E  
RBC-AMTU31-E  
RBC-AMSU52-E  
TCB-CKC1F-E

## RAV - Super Digital Inverter - Floor Standing - 561 & 801 - 1ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):

UK



ROI



Hi - Res Image

### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM561FT-E	HM801FT-E
Outdoor Unit			GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.6	8.0
	EER/COP	W/W	3.51/3.39	3.48/3.38
UK	Cooling Total/Sensible	kW	4.80/3.40	6.70/4.60
	Heating	kW	3.55	5.25
Cooling EN14825	Range Min. - Max.	kW	1.2 - 5.6	1.9 - 8.0
	Power Input	kW	1.42	2.37
	Pdesign	kW	5.0	7.1
	SEER/Energy Efficiency Class		5.87/A+	6.43/A++
	Seasonal Energy Consumption	kWh/a	298	386
	Range Min. - Max.	kW	0.9 - 7.0	1.3 - 11.3
Heating EN14825	Power Input	kW	1.65	2.37
	Pdesign	kW	3.8	5.1
	SCOP/Energy Efficiency Class		4.21/A+	4.43/A+
	Seasonal Energy Consumption	kWh/a	1262	1610

#### Indoor Data

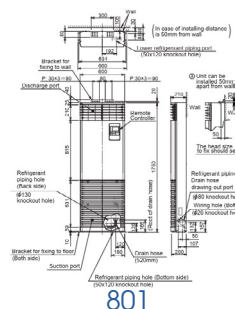
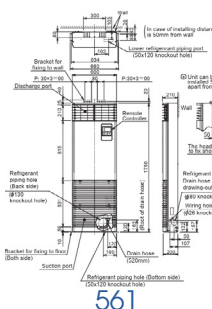
Air Flow	High - Medium - Low	l/s	228 - 194 - 167	258 - 214 - 178
	High - Medium - Low	m <sup>3</sup> /h	820 - 700 - 600	930 - 770 - 640
Sound	Pressure High - Medium - Low	dB(A)	46 - 42 - 38	50 - 45 - 41
	Power High - Medium - Low	dB(A)	60 - 56 - 52	64 - 60 - 54
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	44	45
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

#### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing 561 / 801](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Floor Standing - 1101 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance				
Indoor Unit		RAV	HM1101FT-E	HM1101FT-E
Outdoor Unit			GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.18/4.06	4.07/4.04
UK	Cooling Total/Sensible	kW	9.50/7.10	9.50/7.10
	Heating	kW	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	3.1-12.0	2.6-12.0
	Power Input	kW	2.39	2.46
	Pdesign	kW	10	10.0
	SEER/Energy Efficiency Class		6.99/A++	6.14/A+
	Seasonal Energy Consumption	kWh/a	500	570
	Range Min. - Max.	kW	2.6-13.0	2.4-14.0
Heating EN14825	Power Input	kW	2.76	3.09
	Pdesign	kW	10.8	10.8
	SCOP/Energy Efficiency Class		4.40/A+	4.02/A+
	Seasonal Energy Consumption	kWh/a	2922	3752

### Indoor Data

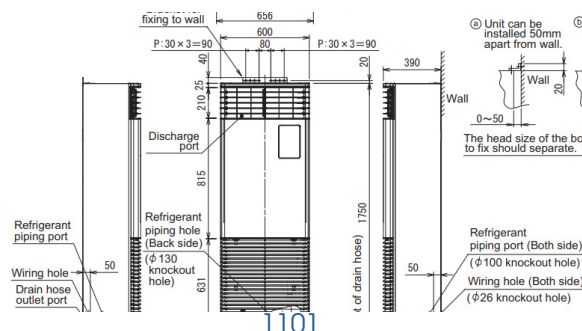
Air Flow	High - Medium - Low	l/s	461 - 394 - 325	461 - 394 - 325
	High - Medium - Low	m3/h	1660 - 1420 - 1170	1660 - 1420 - 1170
Sound	Pressure High - Medium - Low	dB(A)	51 - 46 - 41	51 - 46 - 41
	Power High - Medium - Low	dB(A)	65 - 61 - 55	65 - 61 - 55
Unit	Height x Width x Depth	mm	1750 x 600 x 390	1750 x 600 x 390
	Weight	kg	59	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Floor Standing - 1401 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### HIGH TIER PRODUCT RANGE

#### Performance

Indoor Unit		RAV	HM1401FT-E	HM1401FT-E
Outdoor Unit			<a href="#">GP1401AT-E1</a>	<a href="#">GP1401AT8-E</a>
Nominal	Cooling Capacity	kW	12.3	12.5
	Heating Capacity	kW	13.2	14.0
	EER/COP	W/W	3.25/3.00	3.46/3.67
UK	Cooling Total/Sensible	kW	11.90/8.30	11.90/8.30
	Heating	kW	9.76	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1-14.0	2.6-14.0
	Power Input	kW	3.61	3.61
	Pdesign	kW	12.5	12.5
	SEER/Energy Efficiency Class		6.4/223.0	6.10/223.0
	Seasonal Energy Consumption	kWh/a	1137	1229
	Range Min. - Max.	kW	2.6-16.5	2.4-18.0
Heating EN14825	Power Input	kW	3.81	3.81
	Pdesign	kW	14.0	14.0
	SCOP/Energy Efficiency Class		4.38/157.0	4.02/157.0
	Seasonal Energy Consumption	kWh/a	3062	4103

#### Indoor Data

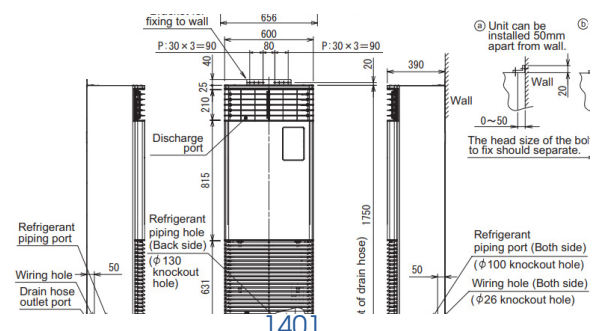
Air Flow	High - Medium - Low	l/s	489 - 411 - 375	489 - 411 - 375
	High - Medium - Low	m3/h	1760 - 1480 - 1350	1760 - 1480 - 1350
Sound	Pressure High - Medium - Low	dB(A)	53 - 48 - 45	53 - 48 - 45
	Power High - Medium - Low	dB(A)	67 - 62 - 59	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 390	1750 x 600 x 390
	Weight	kg	59	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

#### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Floor Standing - 1601 - 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance			
Indoor Unit		HM1601FT-E	
Outdoor Unit		GP1601AT8-E	
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.19/3.31
UK	Cooling Total/Sensible	kW	13.30/8.90
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.39
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class		5.88/219.0
	Seasonal Energy Consumption	kWh/a	1428
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.83
	Pdesign	kW	16.0
	SCOP/Energy Efficiency Class		3.98/155.4
	Seasonal Energy Consumption	kWh/a	4212

### Indoor Data

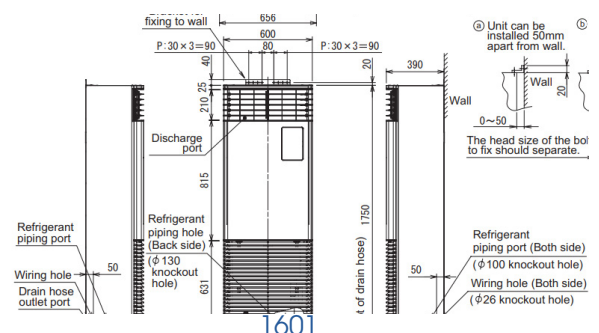
Air Flow	High - Medium - Low	l/s	489 - 411 - 375
	High - Medium - Low	m3/h	1760 - 1480 - 1350
Sound	Pressure High - Medium - Low	dB(A)	53 - 48 - 45
	Power High - Medium - Low	dB(A)	67 - 62 - 59
Unit	Height x Width x Depth	mm	1750 x 600 x 390
	Weight	kg	59
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Drain Pipe Connection OD/ID	mm	VP26/20

### Accessories

<a href="#">RBC-ASCU32Y-E</a>	Compact Controller - Local Compact Controller , LCD Display
<a href="#">RBC-AMTU31-E</a>	Standard Controller - Standard remote controller can control an individual indoor unit or a group of 8 indoor units.
<a href="#">RBC-AMSU52-E</a>	Standard Controller - Includes timer and backlight display as well as power-save functions, multilingual
<a href="#">RBC-AWSU52-E</a>	Premium Remote Controller - Includes timer and backlight display as well as power-save functions, multilingual (inc. Bluetooth)
TCB-CKC1F-E	Cover Kit - Cover Kit for control cut out - All models

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Airflow/ fan curve](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)



## RAV - Super Digital Inverter - Twin Split High Wall - 301 & 401 - 1ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	HM301KRTP-E	HM401KRTP-E
Outdoor Unit		RAV-	GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	6.9
	Heating Capacity	kW	5.3	7.7
	EER/COP	W/W	3.01/3.42	2.75/2.95
UK	Cooling Total/Sensible	kW	4.81/3.66	6.83/5.02
	Heating	kW	3.55	5.07
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.5 - 7.4
	Power Input	kW	1.66	2.44
	Pdesign	kW	5.00	6.70
	SEER/Energy Efficiency Class (or nsc %)		7.59/A++	7.34/A++
	Seasonal Energy Consumption	kWh/a	230	338
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.5 - 9.0
	Power Input	kW	1.55	2.61
	Pdesign	kW	4.40	6.30
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.17/A+	4.13/A+
	Seasonal Energy Consumption	kWh/a	1274	1725

#### Indoor Data

Air Flow	High - Medium - Low	l/s	158 - 128 - 83	192 - 145 - 83
	High - Medium - Low	m <sup>3</sup> /h	570 - 462 - 300	690 - 522 - 300
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29	45 - 40 - 30
Sound Power	High - Medium - Low	dB(A)	56 - 52 - 44	60 - 55 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Distributor To Furthest Indoor	m	10	10
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

## RAV - Super Digital Inverter - Twin Split High Wall - 561 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### High TIER PRODUCT RANGE

Performance		RAV-	HM561KRTP-E	HM561KRTP-E
Indoor Unit x 2		RAV-	GP1101AT-E	GP1101AT-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.10/4.10	3.83/4.21
UK	Cooling Total/Sensible	kW	9.63/7.32	
	Heating	kW	7.10	7.30
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.44	2.61
	Pdesign	kW	10.00	10.0
	SEER/Energy Efficiency Class (or nsc %)		8.15/A++	6.35/a++
	Seasonal Energy Consumption	kWh/a	429	551
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-14.0
	Power Input	kW	2.73	2.66
	Pdesign	kW	9.20	10.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.05/A+	4.14/A+
	Seasonal Energy Consumption	kWh/a	3179	3647

Indoor Data				
Air Flow	High - Medium - Low	l/s	267 - 230 - 188	267 - 8 - 189
	High - Medium - Low	m3/h	960 - 828 - 678	960 - 830 - 680
Sound Pressure	High - Medium - Low	dB(A)	42 - 39 - 36	42 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	57 - 54 - 51	57 - 54 - 50
Unit	Height x Width x Depth	mm	320 x 1050 x 228	320 x 1050 x 250
	Weight	kg	12	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
	Remote Controller		WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split High Wall - 801 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	HM801KRTP-E	HM801KRTP-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.1	12.3
	Heating Capacity	kW	12.8	14.0
	EER/COP	W/W	3.45/3.66	3.3/3.7
UK	Cooling Total/Sensible	kW	12.03/8.84	
	Heating	kW	8.88	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-13.5
	Power Input	kW	3.55	3.37
	Pdesign	kW	12.5	12.3
	SEER/Energy Efficiency Class (or nsc %)		6.69/264.6	6.10/241.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	2.4-18.0
	Power Input	kW	3.66	3.78
	Pdesign	kW	9.60	11.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.37/171.8	4.11/161.4
	Seasonal Energy Consumption	kWh/a	-*	-*

-\* Awaiting factory data

#### Indoor Data

Air Flow	High - Medium - Low	l/s	288 - 253 - 272	289 - 253 - 189
	High - Medium - Low	m3/h	1038 - 912 - 978	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	47 - 41 - 36	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	62 - 56 - 51	60 - 56 - 50
Unit	Height x Width x Depth	mm	320 x 1050 x 228	320 x 1050 x 250
	Weight	kg	12	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split High Wall - 801 - 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	<a href="#">HM801KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.01/3.29
UK	Cooling Total/Sensible	kW	13.40/9.60
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.65
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class (or nsc %)		5.88/232.2
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.87
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.08/160.2
	Seasonal Energy Consumption	kWh/a	-*

-\* Awaiting factory data

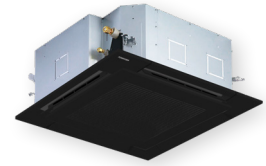
#### Indoor Data


Air Flow	High - Medium - Low	l/s	289 - 253 - 189
	High - Medium - Low	m3/h	1040 - 910 - 680
Sound Pressure	High - Medium - Low	dB(A)	45 - 41 - 35
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 50
Unit	Height x Width x Depth	mm	320 x 1050 x 250
	Weight	kg	14
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Power Cable	Indoor to Indoor		2 core + earth
Remote Controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Compact Cassette - 301 & 401 - 1ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):



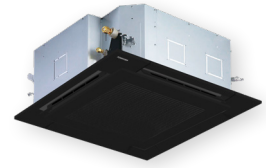
### High TIER PRODUCT RANGE


Performance		RAV-	HM301MUTP-E	HM401MUTP-E
Indoor Unit x 2		RAV-	GP561ATW-E	GP801ATW-E
Outdoor Unit		RAV-	GP561ATW-E	GP801ATW-E
Nominal	Cooling Capacity	kW	5.0	7.1
	Heating Capacity	kW	5.3	8.0
	EER/COP	W/W	3.21/3.5	4.1/4.4
UK	Cooling Total/Sensible	kW	4.80/3.60	7.40/5.20
	Heating	kW	3.55	5.25
Cooling EN14825	Range Min. - Max.	kW	1.5 - 5.6	1.9 - 8.0
	Power Input	kW	1.56	1.73
	Pdesign	kW	5.00	6.70
	SEER/Energy Efficiency Class (or nsc %)		6.02/A+	7.80/A++
	Seasonal Energy Consumption	kWh/a	291	404
Heating EN14825	Range Min. - Max.	kW	1.5 - 6.3	1.3 - 11.3
	Power Input	kW	1.47	1.82
	Pdesign	kW	3.80	6.80
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.30/A+	4.86/A++
	Seasonal Energy Consumption	kWh/a	1237	2349

Indoor Data			HM301MUTP-E	HM401MUTP-E
Air Flow	High - Medium - Low	l/s	178 - 144 - 122	183 - 153 - 130
	High - Medium - Low	m3/h	640 - 520 - 440	660 - 552 - 468
Sound Pressure	High - Medium - Low	dB(A)	38 - 36 - 30	41 - 36 - 32
Sound Power	High - Medium - Low	dB(A)	53 - 51 - 45	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	5
	Max. Length Distributor To Furthest Indoor	m	15	10
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

## RAV - Super Digital Inverter - Twin Split Compact Cassette - 561 - 1ph & 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

Performance		RAV-	HM561MUTP-E	HM561MUTP-E
Indoor Unit x 2		RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.18/4.19	3.84/3.74
UK	Cooling Total/Sensible	kW	9.60/7.20	9.60/7.20
	Heating	kW	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.39	2.60
	Pdesign	kW	10.00	10.0
	SEER/Energy Efficiency Class (or nsc %)		7.70/A++	6.16/A++
	Seasonal Energy Consumption	kWh/a	597	568
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-14.0
	Power Input	kW	2.67	2.99(0.53-4.26)
	Pdesign	kW	7.60	10.3
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.40/A+	3.93/A
	Seasonal Energy Consumption	kWh/a	2616	3667


Indoor Data			HM561MUTP-E	HM561MUTP-E
Air Flow	High - Medium - Low	l/s	222 - 187 - 152	222 - 17 - 152
	High - Medium - Low	m3/h	798 - 672 - 546	798 - 562 - 546
Sound Pressure	High - Medium - Low	dB(A)	44 - 39 - 35	44 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	59 - 54 - 50	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Standard Cassette - 561 - 1ph & 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	HM561UTP-E	HM561UTP-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.69/4.79	4.31/4.65
UK	Cooling Total/Sensible	kW	9.60/7.80	9.60/7.80
	Heating	kW	8.00	7.30
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.13	2.32
	Pdesign	kW	10.00	10.00
	SEER/Energy Efficiency Class (or nsc %)		8.57/A+++	7.06/A++
	Seasonal Energy Consumption	kWh/a	597	395
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-15.6
	Power Input	kW	2.34	2.41
	Pdesign	kW	8.00	9.50
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.73/A++	4.36/A+
	Seasonal Energy Consumption	kWh/a	2616	3045

#### Indoor Data

Air Flow	High - Medium - Low	l/s	292 - 242 - 217	292 - 242 - 217
	High - Medium - Low	m <sup>3</sup> /h	1050 - 870 - 780	1050 - 870 - 780
Sound Pressure	High - Medium - Low	dB(A)	32 - 29 - 28	32 - 29 - 28
Sound Power	High - Medium - Low	dB(A)	47 - 44 - 43	47 - 44 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Drain Pipe Connection Upper - Lower	mm	VP32/25	VP32/25	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Standard Cassette - 801 - 1ph & 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):



Hi - Res Image

### High TIER PRODUCT RANGE

Performance		RAV-	HM801UTP-E	HM801UTP-E
Indoor Unit x 2		RAV-	GP1401AT-E1	GP1401AT8-E
Outdoor Unit				
Nominal	Cooling Capacity	kW	12.5	12.5
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.96/3.96	3.65/4.11
UK	Cooling Total/Sensible	kW	11.80/8.80	14.80/12.40
	Heating	kW	9.76	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-14.0
	Power Input	kW	3.16	3.42
	Pdesign	kW	12.00	12.50
	SEER/Energy Efficiency Class (or nsc %)		8.14/323	7.06/279.4
	Seasonal Energy Consumption	kWh/a	783	-*
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.4-18.0
	Power Input	kW	3.21	3.41
	Pdesign	kW	8.00	9.50
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.72/185.8	4.36/171.4
	Seasonal Energy Consumption	kWh/a	2672	-*

-\* Awaiting factory data

Indoor Data				
Air Flow	High - Medium - Low	l/s	342 - 267 - 225	342 - 267 - 225
	High - Medium - Low	m <sup>3</sup> /h	1230 - 960 - 810	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	35 - 31 - 28	35 - 31 - 28
Sound Power	High - Medium - Low	dB(A)	50 - 46 - 43	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840	256 x 840 x 840
	Weight	kg	20	20
Panel	Height x Width x Depth	mm	30 x 950 x 950	30 x 950 x 950
	Weight	kg	4.2	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Power Cable	Indoor to Indoor	mm	VP32/25	VP32/25

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Twin Split Standard Cassette - 801 - 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):



Hi - Res Image 

### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	<a href="#">HM801UTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.96/3.74
UK	Cooling Total/Sensible	kW	14.80/12.40
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.34
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		6.76/267.4
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	3.21
	Pdesign	kW	9.50
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.36/171.4
	Seasonal Energy Consumption	kWh/a	-*

\*- Awaiting factory data

#### Indoor Data

Air Flow	High - Medium - Low	l/s	342 - 267 - 225
	High - Medium - Low	m <sup>3</sup> /h	1230 - 960 - 810
Sound Pressure	High - Medium - Low	dB(A)	35 - 31 - 28
Sound Power	High - Medium - Low	dB(A)	50 - 46 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840
	Weight	kg	20
Panel	Height x Width x Depth	mm	30 x 950 x 950
	Weight	kg	4.2
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP32/25
Lift Pump Drain Height from Unit Base	mm	< 850	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Ceiling Type - 401 & 561 - 1ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void




Retail Price (interactive icons):



ROI



Hi - Res Image 

### High TIER PRODUCT RANGE

Performance		RAV-	HM401CTP-E	HM561CTP-E
Indoor Unit x 2		RAV-	GP801ATW-E	GP1101AT-E
Outdoor Unit		RAV-	GP801ATW-E	GP1101AT-E
Nominal	Cooling Capacity	kW	7.1	10.0
	Heating Capacity	kW	8.0	11.2
	EER/COP	W/W	4.44/4.44	4.48/4.71
UK	Cooling Total/Sensible	kW	7.40/6.00	9.60/7.80
	Heating	kW	5.25	8.00
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.0	3.1 - 12.0
	Power Input	kW	1.60	2.23
	Pdesign	kW	6.90	10.00
	SEER/Energy Efficiency Class (or nsc %)		7.82/A++	7.97/A++
	Seasonal Energy Consumption	kWh/a	429	604
Heating EN14825	Range Min. - Max.	kW	1.3 - 11.3	2.6 - 13.0
	Power Input	kW	1.80	2.38
	Pdesign	kW	6.80	7.60
	SCOP/Energy Efficiency Class (or nsc(A) %)		5.05/A++	4.71/A++
	Seasonal Energy Consumption	kWh/a	2372	2489


Indoor Data			HM401CTP-E	HM561CTP-E
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m <sup>3</sup> /h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	10
	Max. Length Distributor To Furthest Indoor	m	10	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Ceiling Type - 561 & 801 - 1ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

Performance					
Indoor Unit x 2		RAV-	<a href="#">HM561CTP-E</a>	<a href="#">HM801CTP-E</a>	
Outdoor Unit		RAV-	<a href="#">GP1101AT8-E</a>	<a href="#">GP1401AT-E1</a>	
Nominal	Cooling Capacity	kW	10.0	12.5	
	Heating Capacity	kW	11.2	14.0	
	EER/COP	W/W	3.91/4.46	3.49/3.9	
UK	Cooling Total/Sensible	kW	4.80/7.80	11.80/8.80	
	Heating	kW	7.31	9.76	
Cooling EN14825	Range Min. - Max.	kW	2.6-12.0	3.1 - 14.0	
	Power Input	kW	2.56	3.58	
	Pdesign	kW	10.0	12.00	
	SEER/Energy Efficiency Class (or nsc %)			6.54/A++	7.34/300.2
	Seasonal Energy Consumption	kWh/a	535	660	
Heating EN14825	Range Min. - Max.	kW	2.4-14.0	2.6 - 16.5	
	Power Input	kW	2.51	3.59	
	Pdesign	kW	11.6	8.00	
	SCOP/Energy Efficiency Class (or nsc(A) %)			4.21/A+	4.70/185.4
	Seasonal Energy Consumption	kWh/a	3853	2543	

### Indoor Data


Air Flow	High - Medium - Low	l/s	250 - 6 - 150	392 - 278 - 208
	High - Medium - Low	m3/h	900 - 720 - 540	1410 - 1000 - 750
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 1270 x 690
	Weight	kg	23	29
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Ceiling Type - 801 - 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):



ROI



### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	<a href="#">HM801CTP-E</a>	<a href="#">HM801CTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1401AT8-E</a>	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	12.3	14.0
	Heating Capacity	kW	14.0	16.0
	EER/COP	W/W	3.4/4.02	3.04/3.72
UK	Cooling Total/Sensible	kW	14.80/11.00	14.80/11.00
	Heating	kW	9.14	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-14.0	2.6-16.0
	Power Input	kW	3.68	4.60
	Pdesign	kW	12.0	14.0
	SEER/Energy Efficiency Class (or nsc %)		6.17/243.8	5.89/232.6
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	2.4-18.0	2.4-19.0
	Power Input	kW	3.48	4.30
	Pdesign	kW	11.8	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.19/164.6	4.19/164.6
	Seasonal Energy Consumption	kWh/a	-*	-*

-\* Awaiting factory data

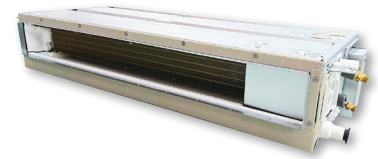
#### Indoor Data

Air Flow	High - Medium - Low	l/s	392 - 28 - 208	392 - 28 - 208
	High - Medium - Low	m3/h	1410 - 1000 - 750	1410 - 1000 - 750
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 29	41 - 36 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 44	56 - 51 - 44
Unit	Height x Width x Depth	mm	235 x 1270 x 690	235 x 1270 x 690
	Weight	kg	29	29
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Twin Split Slim Ducted - 401 & 561 - 1ph

- New TU2C-Link Protocol
- Ultra thin chassis design (210mm)
- New compact and lightweight chassis
- Improved external static pressure up to 50Pa
- Quiet operation with lower sound pressure levels 29dB(A)



Retail Price (interactive icons):



Hi - Res Image 

### High TIER PRODUCT RANGE

Performance		RAV-	HM401SDTY-E	HM561SDTY-E
Indoor Unit x 2		RAV-	GP801ATW-E	GP1101AT-E
Outdoor Unit		RAV-	GP801ATW-E	GP1101AT-E
Nominal	Cooling Capacity	kW	7.1	10.0
	Heating Capacity	kW	8.0	11.2
	EER/COP	W/W	3.83/3.77	3.91/4.19
UK	Cooling Total/Sensible	kW	7.40/5.00	9.60/7.20
	Heating	kW	5.25	8.00
Cooling EN14825	Range Min. - Max.	kW	1.9 - 8.0	3.1 - 12.0
	Power Input	kW	1.87	2.56
	Pdesign	kW	7.10	10.00
	SEER/Energy Efficiency Class (or nsc %)		6.50/A++	6.80/A++
	Seasonal Energy Consumption	kWh/a	466	696
Heating EN14825	Range Min. - Max.	kW	1.3 - 11.3	2.6 - 13.0
	Power Input	kW	1.82	2.67
	Pdesign	kW	7.00	7.60
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.26/A+	4.02/A+
	Seasonal Energy Consumption	kWh/a	2450	2569

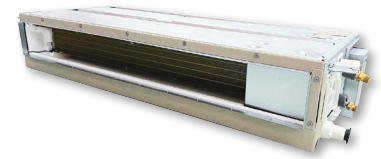
### Indoor Data

Air Flow	High - Medium - Low	l/s	166 - 144 - 122	216 - 198 - 180
	High - Medium - Low	m <sup>3</sup> /h	600 - 520 - 440	780 - 715 - 650
External Static Pressure	Standard (Upper - Lower)	Pa	30 (50-10)	30 (50-10)
Sound Pressure	High - Medium - Low	dB(A)	39 - 36 - 33	34 - 32 - 29
Sound Power	High - Medium - Low	dB(A)	54 - 51 - 48	56 - 54 - 51
Unit	Height x Width x Depth	mm	210 x 700 x 450	210 x 900 x 450
	Weight	kg	15	19
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	10
	Max. Length Distributor To Furthest Indoor	m	10	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Slim Ducted - 561 & 801 - 3ph

- New TU2C-Link Protocol
- Ultra thin chassis design (210mm)
- New compact and lightweight chassis
- Improved external static pressure up to 50Pa
- Quiet operation with lower sound pressure levels 29dB(A)




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### High TIER PRODUCT RANGE

Performance		RAV-	HM561SDTY-E	HM801SDTY-E
Indoor Unit x 2		RAV-	GP1101AT8-E	GP1601AT8-E
Outdoor Unit		RAV-	GP1101AT8-E	GP1601AT8-E
Nominal	Cooling Capacity	kW	10.0	-*
	Heating Capacity	kW	11.2	-*
	EER/COP	W/W	3.6/4.21	3.19 / 3.29
UK	Cooling Total/Sensible	kW	9.60/7.20	-*
	Heating	kW	7.31	-*
Cooling EN14825	Range Min. - Max.	kW	2.6-12.0	-*
	Power Input	kW	2.78	-*
	Pdesign	kW	10.0	-*
	SEER/Energy Efficiency Class (or nsc %)		5.66/A+	5.79/
	Seasonal Energy Consumption	kWh/a	624	-*
Heating EN14825	Range Min. - Max.	kW	2.4-14.0	-*
	Power Input	kW	2.66(0.53-4.26)	-*
	Pdesign	kW	11.6	-*
	SCOP/Energy Efficiency Class (or nsc(A) %)		3.9/A	4.10/
	Seasonal Energy Consumption	kWh/a	4228	-*

-\* Awaiting factory data


Indoor Data				
Air Flow	High - Medium - Low	l/s	216 - 198 - 180	316 - 284 - 252
	High - Medium - Low	m3/h	780 - 715 - 650	1140 - 1025 - 910
External Static Pressure	Standard (Upper - Lower)	Pa	30 (50-10)	30 (50-10)
Sound Pressure	High - Medium - Low	dB(A)	34 - 32 - 29	37 - 34 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 54 - 51	61 - 58 - 55
Unit	Height x Width x Depth	mm	210 x 900 x 450	210 x 1100 x 450
	Weight	kg	19	22
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
Power Cable	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Standard Ducted - 561 - 1ph & 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

Performance		RAV-	HM561BTP-E	HM561BTP-E
Indoor Unit x 2		RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.17/4.1	3.88/4.06
UK	Cooling Total/Sensible	kW	9.60/8.00	9.60/8.00
	Heating	kW	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.40	2.58
	Pdesign	kW	10.00	10.0
	SEER/Energy Efficiency Class (or nsc %)		6.74/A++	5.81/A+
	Seasonal Energy Consumption	kWh/a	696	602
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-15.6
	Power Input	kW	2.73	2.76(0.53-4.42)
	Pdesign	kW	7.60	10.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.26/A+	4.16/A+
	Seasonal Energy Consumption	kWh/a	2569	3630


Indoor Data			222 - 175 - 133	222 - 17 - 150
Air Flow	High - Medium - Low	l/s	222 - 175 - 133	222 - 17 - 150
	High - Medium - Low	m3/h	800 - 630 - 480	800 - 660 - 540
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (30-120)
Sound Pressure	High - Medium - Low	dB(A)	33/29/25	33 - 29 - 25
Sound Power	High - Medium - Low	dB(A)	55/51/46	55 - 51 - 46
Unit	Height x Width x Depth	mm	275 x 700 x 750	275 x 700 x 750
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Standard Ducted - 801 - 1ph & 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	HM801BTP-E	HM801BTP-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.5	12.5
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.5/3.86	3.28/3.83
UK	Cooling Total/Sensible	kW	11.80/9.00	14.80/10.60
	Heating	kW	9.76	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	3.1-14.0
	Power Input	kW	3.57	3.81
	Pdesign	kW	12.00	12.5
	SEER/Energy Efficiency Class (or nsc %)		6.27/239.4	5.64/222.6
	Seasonal Energy Consumption	kWh/a	707	-*
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.6-16.5
	Power Input	kW	3.63	3.66(0.53-5.71)
	Pdesign	kW	8.00	11.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.25/166.6	3.96/155.4
	Seasonal Energy Consumption	kWh/a	2569	-*

-\* Awaiting factory data

#### Indoor Data


Air Flow	High - Medium - Low	l/s	333 - 258 - 200	333 - 275 - 242
	High - Medium - Low	m <sup>3</sup> /h	1200 - 930 - 720	1200 - 990 - 870
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)	30 (30-120)
Sound Pressure	High - Medium - Low	dB(A)	34/30/26	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	55/51/46	55 - 51 - 46
Unit	Height x Width x Depth	mm	275 x 1000 x 750	275 x 1000 x 750
	Weight	kg	30	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25	VP25 - VP25
	Lift Pump Drain Height from Unit Base	mm	< 850	< 850
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Standard Ducted - 801 - 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

Performance				
Indoor Unit x 2		RAV-	<a href="#">HM801BTP-E</a>	
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>	
Nominal	Cooling Capacity	kW	12.5	
	Heating Capacity	kW	14.0	
	EER/COP	W/W	3.12/3.5	
UK	Cooling Total/Sensible	kW	14.80/10.60	
	Heating	kW	10.45	
Cooling EN14825	Range Min. - Max.	kW	3.1-14.0	
	Power Input	kW	4.49	
	Pdesign	kW	14.0	
	SEER/Energy Efficiency Class (or nsc %)			5.50/217.0
	Seasonal Energy Consumption		kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.6-16.5	
	Power Input	kW	4.57(0.53-6.96)	
	Pdesign	kW	12.0	
	SCOP/Energy Efficiency Class (or nsc(A) %)			3.94/154.6
	Seasonal Energy Consumption		kWh/a	-*

-\* Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	333 - 275 - 242
	High - Medium - Low	m <sup>3</sup> /h	1200 - 990 - 870
External Static Pressure	Standard (Upper - Lower)	Pa	30 (30-120)
Sound Pressure	High - Medium - Low	dB(A)	34 - 30 - 26
Sound Power	High - Medium - Low	dB(A)	55 - 51 - 46
Unit	Height x Width x Depth	mm	275 x 1000 x 750
	Weight	kg	30
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25
Lift Pump Drain Height from Unit Base	mm	< 850	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Floor Standing - 561 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Hi - Res Image



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

Performance		RAV-	HM561FT-E	HM561FT-E	
Indoor Unit x 2		RAV-	GP1101AT-E	GP1101AT8-E	
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E	
Nominal	Cooling Capacity	kW	10.0	10.0	
	Heating Capacity	kW	11.2	11.2	
	EER/COP	W/W	4.07/4.04	4.07/4.04	
UK	Cooling Total/Sensible	kW	9.60/6.80	9.60/6.80	
	Heating	kW	7.31	7.31	
Cooling EN14825	Range Min. - Max.	kW	2.6-12.0	2.6-12.0	
	Power Input	kW	2.46	2.46	
	Pdesign	kW	10.0	10.0	
	SEER/Energy Efficiency Class (or nsc %)			5.88/A+	5.88/A+
	Seasonal Energy Consumption	kWh/a	595	595	
Heating EN14825	Range Min. - Max.	kW	2.4-14.0	2.4-14.0	
	Power Input	kW	3.09	3.09	
	Pdesign	kW	10.8	10.8	
	SCOP/Energy Efficiency Class (or nsc(A) %)			4.01/A+	4.01/A+
	Seasonal Energy Consumption	kWh/a	3767	3767	


Indoor Data				
Air Flow	High - Medium - Low	l/s	228 - 194 - 167	228 - 194 - 167
	High - Medium - Low	m3/h	820 - 700 - 600	820 - 700 - 600
Sound Pressure	High - Medium - Low	dB(A)	46 - 42 - 38	46 - 42 - 38
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 52	60 - 56 - 52
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	44	44
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Floor Standing - 801 - 1ph & 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Hi - Res Image 



Retail Price (interactive icons):



### High TIER PRODUCT RANGE

#### Performance

Indoor Unit x 2		RAV-	HM801FT-E	HM801FT-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.5	12.5
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.46/3.67	3.46/3.67
UK	Cooling Total/Sensible	kW	13.40/9.20	13.40/9.20
	Heating	kW	9.14	9.14
Cooling EN14825	Range Min. - Max.	kW	2.6-14.0	2.6-14.0
	Power Input	kW	3.61	3.61
	Pdesign	kW	12.5	12.5
	SEER/Energy Efficiency Class (or nsc %)		5.65/223.0	5.65/223.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	2.4-18.0	2.4-18.0
	Power Input	kW	3.81	3.81
	Pdesign	kW	14.0	14.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.00/157.0	4.00/157.0
	Seasonal Energy Consumption	kWh/a	-*	-*

-\* Awaiting factory data

#### Indoor Data

Air Flow	High - Medium - Low	l/s	258 - 214 - 178	258 - 214 - 178
	High - Medium - Low	m3/h	930 - 770 - 640	930 - 770 - 640
Sound Pressure	High - Medium - Low	dB(A)	50 - 45 - 41	50 - 45 - 41
Sound Power	High - Medium - Low	dB(A)	64 - 60 - 54	64 - 60 - 54
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	45	45
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Twin Split Floor Standing - 801 - 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### High TIER PRODUCT RANGE

Performance			
Indoor Unit x 2		RAV-	<a href="#">HM801FT-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.19/3.31
UK	Cooling Total/Sensible	kW	13.40/9.20
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.39
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class (or nsc %)		5.55/219.0
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.83
	Pdesign	kW	16.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		3.96/155.4
	Seasonal Energy Consumption	kWh/a	-*

\*- Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	258 - 214 - 178
	High - Medium - Low	m3/h	930 - 770 - 640
Sound Pressure	High - Medium - Low	dB(A)	50 - 45 - 41
Sound Power	High - Medium - Low	dB(A)	64 - 60 - 54
Unit	Height x Width x Depth	mm	1750 x 600 x 210
	Weight	kg	45
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20
	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Triple Split High Wall - 301 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM301KRTP-E	HM301KRTP-E
Indoor Unit x 3		RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.10/4.10	3.83/4.21
UK	Cooling Total/Sensible	kW	9.63/7.32	-*
	Heating	kW	7.10	7.3
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.44	2.61
	Pdesign	kW	10.00	10.00
	SEER/Energy Efficiency Class (or nsc %)		8.15/A++	6.35/a++
	Seasonal Energy Consumption	kWh/a	429	551
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-14.0
	Power Input	kW	2.73	2.66
	Pdesign	kW	9.2	10.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.05/A+	4.14/A+
	Seasonal Energy Consumption	kWh/a	3179	3647
-* Awaiting factory data				
<b>Indoor Data</b>				
Air Flow	High - Medium - Low	l/s	267 - 230 - 188	267 - 230 - 188
	High - Medium - Low	m3/h	960 - 828 - 678	960 - 828 - 678
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 52 - 44	56 - 52 - 44
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Triple Split High Wall - 401 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

Performance		RAV-	HM401KRTP-E	HM401KRTP-E
Indoor Unit x 3		RAV-	GP1401AT-E1	GP1401AT8-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.1	12.3
	Heating Capacity	kW	12.8	14.0
	EER/COP	W/W	3.45/3.66	3.3/3.7
UK	Cooling Total/Sensible	kW	12.03/8.84	-*
	Heating	kW	8.88	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-13.5
	Power Input	kW	3.55	3.37
	Pdesign	kW	12.5	12.3
	SEER/Energy Efficiency Class (or nsc %)		6.69/264.6	6.10/241.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	2.4-18.0
	Power Input	kW	3.66	3.78
	Pdesign	kW	9.6	11.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.37/171.8	4.11/161.4
	Seasonal Energy Consumption	kWh/a	-*	-*
-* Awaiting factory data				
Indoor Data				
Air Flow	High - Medium - Low	l/s	192 - 145 - 83	192 - 145 - 83
	High - Medium - Low	m <sup>3</sup> /h	690 - 522 - 300	690 - 522 - 300
Sound Pressure	High - Medium - Low	dB(A)	45 - 40 - 30	45 - 40 - 30
Sound Power	High - Medium - Low	dB(A)	60 - 55 - 45	60 - 55 - 45
Unit	Height x Width x Depth	mm	293 x 798 x 230	293 x 798 x 230
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Triple Split High Wall - 561 - 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image 

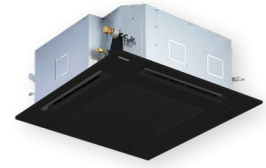
### STANDARD PRODUCT RANGE


Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561KRTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.01/3.29
UK	Cooling Total/Sensible	kW	14.40/11.70
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.65
	Pdesign	kW	14
	SEER/Energy Efficiency Class (or nsc %)		5.82/229.8
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.87
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.08/160.2
	Seasonal Energy Consumption	kWh/a	-*
-* Awaiting factory data			
Indoor Data			
Air Flow	High - Medium - Low	l/s	267 - 8 - 189
	High - Medium - Low	m <sup>3</sup> /h	960 - 830 - 680
Sound Pressure	High - Medium - Low	dB(A)	42 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	57 - 54 - 50
Unit	Height x Width x Depth	mm	320 x 1050 x 250
	Weight	kg	14
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Drain Pipe Connection Upper - Lower	mm	VP16/14	
Power Cable	Indoor to Indoor		2 core + earth
Remote Controller			WH-TA09NE

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Triple Split Compact Cassette - 301 - 1ph & 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):



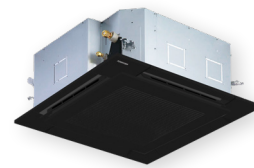
### STANDARD PRODUCT RANGE

Performance		RAV-	HM301MUTP-E	HM301MUTP-E
Indoor Unit x 3		RAV-	GP1101AT-E	GP1101AT8-E
Outdoor Unit		RAV-	GP1101AT-E	GP1101AT8-E
Nominal	Cooling Capacity	kW	10.0	10.0
	Heating Capacity	kW	11.2	11.2
	EER/COP	W/W	4.18/4.19	3.84/3.74
UK	Cooling Total/Sensible	kW	9.60/7.20	9.60/7.20
	Heating	kW	8.00	7.31
Cooling EN14825	Range Min. - Max.	kW	3.1 - 12.0	2.6-12.0
	Power Input	kW	2.39	2.60
	Pdesign	kW	10.00	10.00
	SEER/Energy Efficiency Class (or nsc %)		7.70/A++	6.16/A++
	Seasonal Energy Consumption	kWh/a	597	568
Heating EN14825	Range Min. - Max.	kW	2.6 - 13.0	2.4-14.0
	Power Input	kW	2.67	2.99(0.53-4.26)
	Pdesign	kW	7.6	10.3
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.40/A+	3.93/A
	Seasonal Energy Consumption	kWh/a	2616	3667

Indoor Data			HM301MUTP-E	HM301MUTP-E
Air Flow	High - Medium - Low	l/s	178 - 144 - 122	178 - 144 - 122
	High - Medium - Low	m <sup>3</sup> /h	640 - 520 - 440	640 - 520 - 440
Sound Pressure	High - Medium - Low	dB(A)	38 - 36 - 30	38 - 36 - 30
Sound Power	High - Medium - Low	dB(A)	53 - 51 - 45	53 - 51 - 45
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

## RAV - Super Digital Inverter - Triple Split Compact Cassette - 401 - 1ph & 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 3		RAV-	HM401MUTP-E	HM401MUTP-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.5	12.5
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.96/3.96	3.65/4.11
UK	Cooling Total/Sensible	kW	-*	14.80/12.40
	Heating	kW	-*	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-14.0
	Power Input	kW	3.16	3.42
	Pdesign	kW	12.00	12.50
	SEER/Energy Efficiency Class (or nsc %)		-*	7.06/279.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.4-18.0
	Power Input	kW	3.21	3.41
	Pdesign	kW	8.0	9.5
	SCOP/Energy Efficiency Class (or nsc(A) %)		-*	4.36/171.4
	Seasonal Energy Consumption	kWh/a	-*	-*

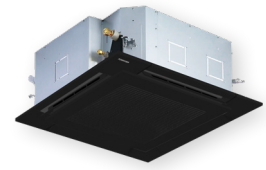
-\* Awaiting factory data


#### Indoor Data

Air Flow	High - Medium - Low	l/s	183 - 153 - 130	183 - 153 - 130
	High - Medium - Low	m <sup>3</sup> /h	660 - 552 - 468	660 - 552 - 468
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 32	41 - 36 - 32
	High - Medium - Low	dB(A)	56 - 51 - 47	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Distributor To Furthest Indoor	m	10	10
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
	Indoor to Indoor		2 core + earth	2 core + earth

## RAV - Super Digital Inverter - Triple Split Compact Cassette - 561 - 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561MUTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	2.75/3.41
UK	Cooling Total/Sensible	kW	14.40/10.80
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.24
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		5.10/240.6
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	3.21
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.0/162.2
	Seasonal Energy Consumption	kWh/a	-*
* Awaiting factory data			
Indoor Data			
Air Flow	High - Medium - Low	l/s	222 - 187 - 152
	High - Medium - Low	m <sup>3</sup> /h	798 - 672 - 546
Sound Pressure	High - Medium - Low	dB(A)	44 - 39 - 35
Sound Power	High - Medium - Low	dB(A)	59 - 54 - 50
Unit	Height x Width x Depth	mm	256 x 575 x 575
	Weight	kg	15
Panel	Height x Width x Depth	mm	12 x 620 x 620
	Weight	kg	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Drain Pipe Connection Upper - Lower	mm	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Triple Split Standard Cassette - 561 - 3ph

- Built-in high-lift drain pump
- Individual setting of louvre position
- Self-cleaning function and Ag-ion tip
- Compatible with Wi-Fi when utilising adapter
- Compact light weight chassis for easy installation



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561UTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.96/3.74
UK	Cooling Total/Sensible	kW	14.40/11.70
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.34
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class (or nsc %)		6.71/265.4
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.28
	Pdesign	kW	9.5
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.36/171.4
	Seasonal Energy Consumption	kWh/a	-*
-* Awaiting factory data			
Indoor Data			
Air Flow	High - Medium - Low	l/s	292 - 242 - 217
	High - Medium - Low	m <sup>3</sup> /h	1050 - 870 - 780
Sound Pressure	High - Medium - Low	dB(A)	32 - 29 - 28
Sound Power	High - Medium - Low	dB(A)	47 - 44 - 43
Unit	Height x Width x Depth	mm	256 x 840 x 840
	Weight	kg	20
Panel	Height x Width x Depth	mm	30 x 950 x 950
	Weight	kg	4
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP25
Lift Pump Drain Height from Unit Base	mm	< 850	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Triple Split Ceiling Type - 401 - 1ph & 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM401CTP-E	HM401CTP-E
Indoor Unit x 3		RAV-	GP1401AT-E1	GP1401AT8-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.5	12.3
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.49/3.9	3.4/4.02
UK	Cooling Total/Sensible	kW	-*	14.80/11.00
	Heating	kW	-*	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-14.0
	Power Input	kW	3.58	3.68
	Pdesign	kW	12.00	12.00
	SEER/Energy Efficiency Class (or nsc %)		-*	6.17/243.8
	Seasonal Energy Consumption	kWh/a	-*	-
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.4-18.0
	Power Input	kW	3.59	3.48
	Pdesign	kW	8.0	11.8
	SCOP/Energy Efficiency Class (or nsc(A) %)		-*	4.19/164.6
	Seasonal Energy Consumption	kWh/a	-*	-*
-* Awaiting factory data				
Indoor Data				
Air Flow	High - Medium - Low	l/s	250 - 200 - 150	250 - 200 - 150
	High - Medium - Low	m3/h	900 - 720 - 540	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28	37 - 35 - 28
	High - Medium - Low (Under inlet)	dB(A)	52 - 50 - 43	52 - 50 - 43
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690	235 x 950 x 690
	Weight	kg	23	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E	RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10	10
	Max. Length Distributor To Furthest Indoor	m	15	15
Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

## RAV - Super Digital Inverter - Triple Split Ceiling Type - 561 - 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561CTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.04/3.72
UK	Cooling Total/Sensible	kW	14.80/11.00
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.60
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		5.95/235.0
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.30
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.19/164.6
	Seasonal Energy Consumption	kWh/a	-*

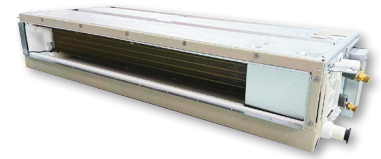
-\* Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	250 - 200 - 150
	High - Medium - Low	m <sup>3</sup> /h	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690
	Weight	kg	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Drain Pipe Connection Upper - Lower	mm	VP20	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference


## RAV - Super Digital Inverter - Triple Split - Slim Ducted - 561 - 3ph

- New TU2C-Link Protocol
- Ultra thin chassis design (210mm)
- New compact and lightweight chassis
- Improved external static pressure up to 50Pa
- Quiet operation with lower sound pressure levels 29dB(A)



Retail Price (interactive icons):



Hi - Res Image 

### STANDARD PRODUCT RANGE


Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561SDTY-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.26/3.50
UK	Cooling Total/Sensible	kW	14.40/10.80
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.30
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		5.98/236.2
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.57
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.07/159.8
	Seasonal Energy Consumption	kWh/a	-*
-* Awaiting factory data			
Indoor Data			
Air Flow	High - Medium - Low	l/s	216 - 198 - 180
	High - Medium - Low	m <sup>3</sup> /h	780 - 715 - 650
External Static Pressure	Standard (Upper - Lower)	Pa	30 (50-10)
Sound Pressure	High - Medium - Low	dB(A)	34 - 32 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 54 - 51
Unit	Height x Width x Depth	mm	210 x 900 x 450
	Weight	kg	19
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25
Lift Pump Drain Height from Unit Base	mm	< 850	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Triple Split - Standard Ducted - 561 - 3ph

- Up to 120Pa available pressure
- Built-in high-lift drain pump to 850mm
- Fresh air intake supply via a pre-punched knock-out hole
- Compact and thin chassis, measuring just 275mm in height
- Standard rear inlet design or as an alternative, from the underside of the unit



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance			
Indoor Unit x 3		RAV-	<a href="#">HM561BTP-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	12.5
	Heating Capacity	kW	14.0
	EER/COP	W/W	3.12/3.5
UK	Cooling Total/Sensible	kW	14.40/12.00
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	3.1-14.0
	Power Input	kW	4.49
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class (or nsc %)		5.42/213.8
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.6-16.5
	Power Input	kW	4.57(0.53-6.96)
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		3.94/154.6
	Seasonal Energy Consumption	kWh/a	-*

\*- Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	222 - 183 - 150
	High - Medium - Low	m <sup>3</sup> /h	800 - 630 - 480
External Static Pressure	Standard (Upper - Lower)	Pa	30 (120 - 30)
Sound Pressure	High - Medium - Low	dB(A)	33/29/25
Sound Power	High - Medium - Low	dB(A)	55/51/46
Unit	Height x Width x Depth	mm	275 x 700 x 750
	Weight	kg	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
	Drain Pipe Connection Upper - Lower	mm	VP25 - VP25
Lift Pump Drain Height from Unit Base	mm	< 850	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Triple Split - Floor Standing - 561 - 3ph

- Easy installation and maintenance
- Suitable for large rooms with low ceilings
- High air flow rates and superior air throw values
- 5 fan speed settings with automatic louvre control
- Embedded R32 refrigerant leak detection with stirring fan operation



Retail Price (interactive icons):



Hi - Res Image

### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 3		RAV-	<a href="#">HM561FT-E</a>
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.19/3.31
UK	Cooling Total/Sensible	kW	13.30/8.90
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.39
	Pdesign	kW	14.0
	SEER/Energy Efficiency Class (or nsc %)		5.55/219.0
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.83
	Pdesign	kW	16.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		3.96/155.4
	Seasonal Energy Consumption	kWh/a	-*

-\* Awaiting factory data

#### Indoor Data

Air Flow	High - Medium - Low	l/s	228 - 194 - 167
	High - Medium - Low	m <sup>3</sup> /h	820 - 700 - 600
Sound Pressure	High - Medium - Low	dB(A)	46 - 42 - 38
Sound Power	High - Medium - Low	dB(A)	60 - 56 - 52
Unit	Height x Width x Depth	mm	1750 x 600 x 210
	Weight	kg	44
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Branch Kit (Sold Separately)		RBC-TRP100E
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Max. Subtractive Separation Between Indoors	m	10
	Max. Length Distributor To Furthest Indoor	m	15
Drain Pipe Connection Upper - Lower	mm	VP26/20	
Power Cable	Indoor to Indoor		2 core + earth

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Quad Split - High Wall - 301 - 1ph & 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with Wi-Fi when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation




Retail Price (interactive icons):

UK



ROI



Hi - Res Image 

### STANDARD PRODUCT RANGE

Performance		RAV-	HM301KRTP-E	HM301KRTP-E
Indoor Unit x 4		RAV-	GP1401AT-E1	GP1401AT8-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.1	12.3
	Heating Capacity	kW	12.8	14.0
	EER/COP	W/W	3.45/3.66	3.3/3.7
UK	Cooling Total/Sensible	kW	12.03/8.84	-*
	Heating	kW	8.88	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-13.5
	Power Input	kW	3.55	3.37
	Pdesign	kW	12.5	12.3
	SEER/Energy Efficiency Class (or nsc %)		6.69/264.6	6.10/241.0
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	3.0 - 16.0	2.4-18.0
	Power Input	kW	3.66	3.78
	Pdesign	kW	9.60	11.80
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.37/171.8	4.11/161.4
	Seasonal Energy Consumption	kWh/a	-*	-*
-* Awaiting factory data				
Indoor Data				
Air Flow	High - Medium - Low	l/s	158 - 128 - 83	158 - 128 - 83
	High - Medium - Low	m <sup>3</sup> /h	570 - 462 - 300	570 - 462 - 300
Sound Pressure	High - Medium - Low	dB(A)	40 - 34 - 29	40 - 34 - 29
Sound Power	High - Medium - Low	dB(A)	56 - 52 - 44	56 - 52 - 44
Unit	Height x Width x Depth	mm	293 x 798 x 230	275 x 790 x 217
	Weight	kg	10	10
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
Drain Pipe Connection Upper - Lower	mm	VP16/14	VP16/14	
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth
Remote Controller			WH-TA09NE	


## RAV - Super Digital Inverter - Quad Split - High Wall - 401 - 3ph

- Enhanced filtration system
- Optimum and uniform air distribution
- Compatible with WI-FI when utilising adapter
- Sleek and compact suitable for all applications
- Self-cleaning feature to prevent mould formation



Retail Price (interactive icons):



Hi - Res Image 

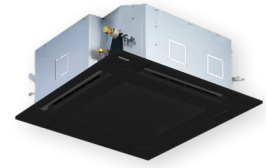
### STANDARD PRODUCT RANGE


Performance				
Indoor Unit x 4		RAV-	<a href="#">HM401KRTP-E</a>	
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>	
Nominal	Cooling Capacity	kW	14.0	
	Heating Capacity	kW	16.0	
	EER/COP	W/W	3.01/3.29	
UK	Cooling Total/Sensible	kW	13.40/9.60	
	Heating	kW	10.45	
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0	
	Power Input	kW	4.65	
	Pdesign	kW	14	
	SEER/Energy Efficiency Class (or nsc %)			5.82/229.8
	Seasonal Energy Consumption		kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0	
	Power Input	kW	4.87	
	Pdesign	kW	12.00	
	SCOP/Energy Efficiency Class (or nsc(A) %)			4.08/160.2
	Seasonal Energy Consumption		kWh/a	-*
* Awaiting factory data				
Indoor Data				
Air Flow	High - Medium - Low	l/s	192 - 145 - 83	
	High - Medium - Low	m <sup>3</sup> /h	690 - 522 - 300	
Sound Pressure	High - Medium - Low	dB(A)	45 - 40 - 30	
Sound Power	High - Medium - Low	dB(A)	60 - 55 - 45	
Unit	Height x Width x Depth	mm	275 x 790 x 217	
	Weight	kg	10	
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	
	Height Difference Indoor To Indoor	m	±0.5	
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	
	Max. Subtractive Separation Between Indoors	m	5	
	Max. Length Main Distributor To Furthest Indoor	m	15	
	Max. Distance From Second Distributor To Indoors	m	10	
Drain Pipe Connection Upper - Lower	mm	VP16/14		
Power Cable	Indoor to Indoor		2 core + earth	
Remote Controller			WH-TA09NE	

\*For accessories and related items please click single split reference

## RAV - Super Digital Inverter - Quad Split - Compact Cassette - 301 - 1ph & 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):

UK



ROI



### STANDARD PRODUCT RANGE

#### Performance

Indoor Unit x 4		RAV-	HM301MUTP-E	HM301MUTP-E
Outdoor Unit		RAV-	GP1401AT-E1	GP1401AT8-E
Nominal	Cooling Capacity	kW	12.5	12.5
	Heating Capacity	kW	14.0	14.0
	EER/COP	W/W	3.96/3.96	3.65/4.11
UK	Cooling Total/Sensible	kW	-*	14.80/12.40
	Heating	kW	-*	9.14
Cooling EN14825	Range Min. - Max.	kW	3.1 - 14.0	2.6-14.0
	Power Input	kW	3.16	3.42
	Pdesign	kW	12.00	12.50
	SEER/Energy Efficiency Class (or nsc %)		-*	7.06/279.4
	Seasonal Energy Consumption	kWh/a	-*	-*
Heating EN14825	Range Min. - Max.	kW	2.6 - 16.5	2.4-18.0
	Power Input	kW	3.21	3.41
	Pdesign	kW	8.00	9.50
	SCOP/Energy Efficiency Class (or nsc(A) %)		-*	4.36/171.4
	Seasonal Energy Consumption	kWh/a	-*	-*

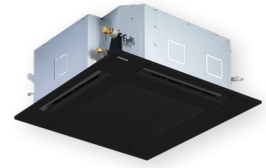
-\* Awaiting factory data


#### Indoor Data

Air Flow	High - Medium - Low	l/s	178 - 144 - 122	178 - 144 - 122
	High - Medium - Low	m <sup>3</sup> /h	640 - 520 - 440	640 - 520 - 440
Sound Pressure	High - Medium - Low	dB(A)	38/36/30	38/36/30
	High - Medium - Low	dB(A)	53/51/45	53/51/45
Unit	Height x Width x Depth	mm	256 x 575 x 575	256 x 575 x 575
	Weight	kg	15	15
Panel	Height x Width x Depth	mm	12 x 620 x 620	12 x 620 x 620
	Weight	kg	2.5	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Height Difference Indoor To Indoor	m	±0.5	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	3/8 - 1/4	3/8 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	5
	Max. Length Main Distributor To Furthest Indoor	m	15	15
	Max. Distance From Second Distributor To Indoors	m	10	10
	Drain Pipe Connection Upper - Lower	mm	VP26/20	VP26/20
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth

## RAV - Super Digital Inverter - Quad Split - Compact Cassette - 401 - 3ph

- Compact thin chassis 575 x 575mm
- Lightweight and compact for easy to installation
- Optional occupancy sensor detects human presence
- 5 Step air flow control as well as Individual louvre control
- Designed to fit within T-bar of the ceiling grid: 620 x 620mm



Hi - Res Image 



Retail Price (interactive icons):




### STANDARD PRODUCT RANGE

Performance		RAV-	HM401MUTP-E
Indoor Unit x 4			
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.30/3.51
UK	Cooling Total/Sensible	kW	14.40/10.80
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.24
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		6.09/240.6
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	3.21
	Pdesign	kW	12.00
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.13/162.2
	Seasonal Energy Consumption	kWh/a	-*
-* Awaiting factory data			
<b>Indoor Data</b>			
Air Flow	High - Medium - Low	l/s	183 - 153 - 130
	High - Medium - Low	m <sup>3</sup> /h	660 - 552 - 468
Sound Pressure	High - Medium - Low	dB(A)	41 - 36 - 32
Sound Power	High - Medium - Low	dB(A)	56 - 51 - 47
Unit	Height x Width x Depth	mm	256 x 575 x 575
	Weight	kg	15
Panel	Height x Width x Depth	mm	12 x 620 x 620
	Weight	kg	2.5
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5
	Max. Length Main Distributor To Furthest Indoor	m	15
	Max. Distance From Second Distributor To Indoors	m	10
	Drain Pipe Connection Upper - Lower	mm	VP26/20
	Lift Pump Drain Height from Unit Base	mm	< 850
Power Cable	Indoor to Indoor		2 core + earth

## RAV - Super Digital Inverter - Quad Split - Ceiling Type - 401 - 3ph

- Easy installation and maintenance
- Infra-red and wired control options available
- Automatic louvre control for all year round comfort
- Low noise levels down to 29db(A), thanks to high diameter fan
- Ideal solution where there is a lack of space or absence of a ceiling void



Hi - Res Image 



Retail Price (interactive icons):



### STANDARD PRODUCT RANGE

Performance		RAV-	HM401CTP-E
Indoor Unit x 4			
Outdoor Unit		RAV-	<a href="#">GP1601AT8-E</a>
Nominal	Cooling Capacity	kW	14.0
	Heating Capacity	kW	16.0
	EER/COP	W/W	3.04/3.72
UK	Cooling Total/Sensible	kW	14.80/11.00
	Heating	kW	10.45
Cooling EN14825	Range Min. - Max.	kW	2.6-16.0
	Power Input	kW	4.60
	Pdesign	kW	14.00
	SEER/Energy Efficiency Class (or nsc %)		5.95/235.0
	Seasonal Energy Consumption	kWh/a	-*
Heating EN14825	Range Min. - Max.	kW	2.4-19.0
	Power Input	kW	4.30
	Pdesign	kW	12.0
	SCOP/Energy Efficiency Class (or nsc(A) %)		4.19/164.6
	Seasonal Energy Consumption	kWh/a	-*

-\* Awaiting factory data

Indoor Data			
Air Flow	High - Medium - Low	l/s	250 - 200 - 150
	High - Medium - Low	m <sup>3</sup> /h	900 - 720 - 540
Sound Pressure	High - Medium - Low	dB(A)	37 - 35 - 28
Sound Power	High - Medium - Low	dB(A)	52 - 50 - 43
Unit	Height x Width x Depth	mm	235 x 950 x 690
	Weight	kg	23
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4
	Height Difference Indoor To Indoor	m	±0.5
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5
	Max. Length Main Distributor To Furthest Indoor	m	15
	Max. Distance From Second Distributor To Indoors	m	10
Power Cable	Drain Pipe Connection Upper - Lower	mm	VP26/20
	Indoor to Indoor		2 core + earth

## RAV - Super Digital Inverter - Outdoor Units 561 & 801

- Quiet operation as low as 33dB (A)
- Ability to operate down to a 10% load
- Precise capacity control at all conditions
- Standby power consumption reduced by 50% to 6W
- Wide ambient range: cooling -15°C to +52°C heating +15°C to -27°C



Hi - Res Image



Retail Price (interactive icons):

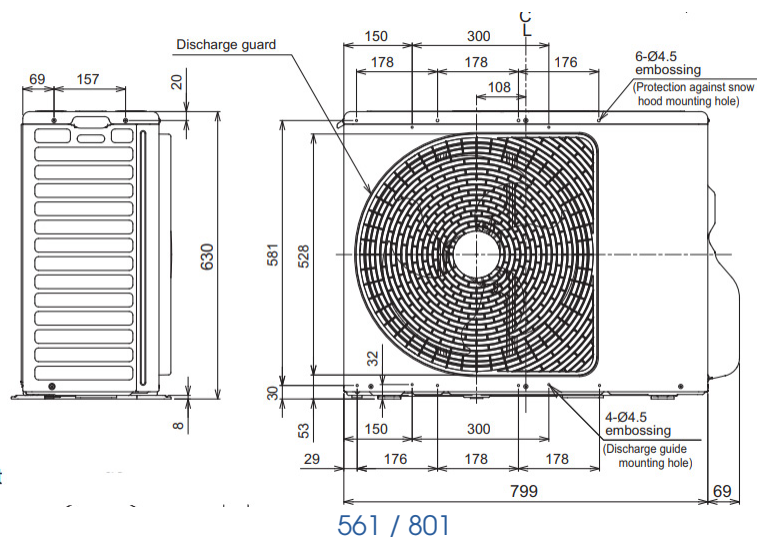


### HIGH TIER PRODUCT RANGE

Performance		HIGH TIER PRODUCT RANGE		
Outdoor Unit		RAV	GP561ATW-E	GP801ATW-E
Operating Range	Cooling	C°	-15 to 52	-15 to 52
	Heating		-27 to 15	-27 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	2250 - 625	3180 - 883
Sound	Pressure High Cooling/Heating	dB(A)	46 - 48	46 - 48
	Power High Cooling/Heating	dB(A)	63 - 65	63 - 65
Unit	Height x Width x Depth	mm	630 x 799 x 299	1050 x 1010 x 370
	Weight	kg	45	74
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8
	Min.-Max. Length	m	3 - 50	3 - 50
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant R32	Base Charge/Chargeless Length	m	1.35/20	1.9/30
	Additional Charge Liquid Side	g/m	20	35
Run Current	Maximum	Amps	6.13	0.88
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-16	220-240/1/50-16

### Related items:

- BIM files [561](#) & [801](#)
- CAD files [561](#) & [801](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- Installation manual [561](#) & [801](#)



## RAV - Super Digital Inverter - Outdoor Units 1101 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Ability to operate down to a 10% load
- Precise capacity control at all conditions
- Standby power consumption reduced by 50% to 6W
- Wide ambient range: cooling -15°C to +52°C heating +15°C to -27°C



Retail Price (interactive icons):



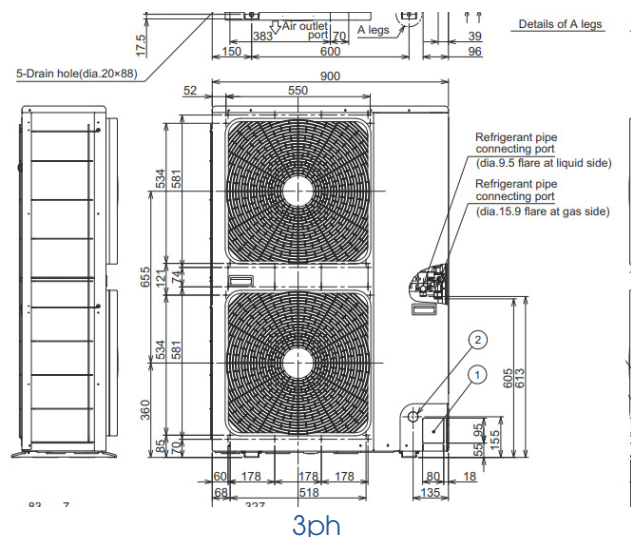
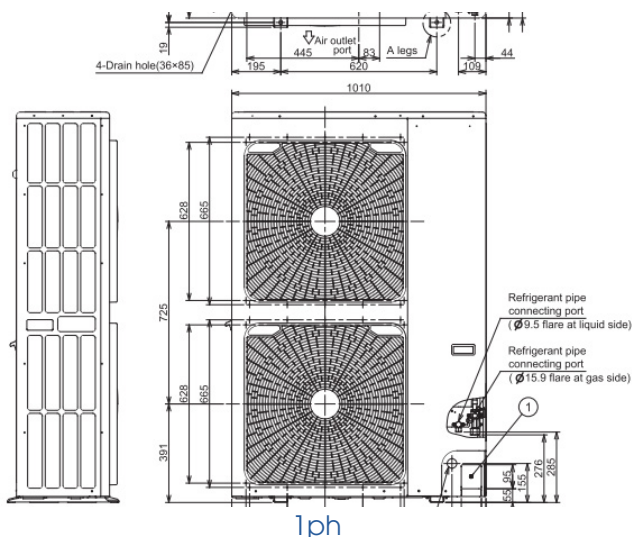
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### HIGH TIER PRODUCT RANGE

Performance		HIGH TIER PRODUCT RANGE		
Outdoor Unit		RAV	GP1101AT-E	GP1101AT8-E
Operating Range	Cooling	C°	-15 to 52	-15 to 46
	Heating		-27 to 15	-20 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	6960 - 1933	6060 - 1683
Sound	Pressure High Cooling/Heating	dB(A)	49 - 50	49 - 50
	Power High Cooling/Heating	dB(A)	66 - 67	66 - 67
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1340 x 900 x 320
	Weight	kg	104	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-75	3 - 75
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant R32	Base Charge/Chargeless Length	m	R32 - 3.1/30	2.6/30
	Additional Charge Liquid Side	g/m	35	35
Run Current	Maximum	Amps	11.20	4.52
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-20	380-415/3/50-10

### Related items:

- [BIM files](#)
- [CAD files 1ph & 3ph](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram 1ph & 3ph](#)
- [Noise curve data 1ph & 3ph](#)
- [Installation manual 1ph & 3ph](#)



## RAV - Super Digital Inverter - Outdoor Units 1401 1ph & 3ph

- Quiet operation as low as 33dB (A)
- Ability to operate down to a 10% load
- Precise capacity control at all conditions
- Standby power consumption reduced by 50% to 6W
- Wide ambient range: cooling -15°C to +52°C heating +15°C to -27°C



Retail Price (interactive icons):



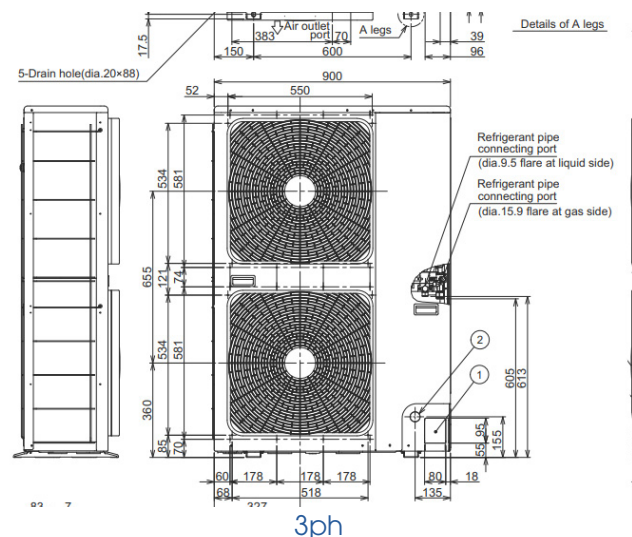
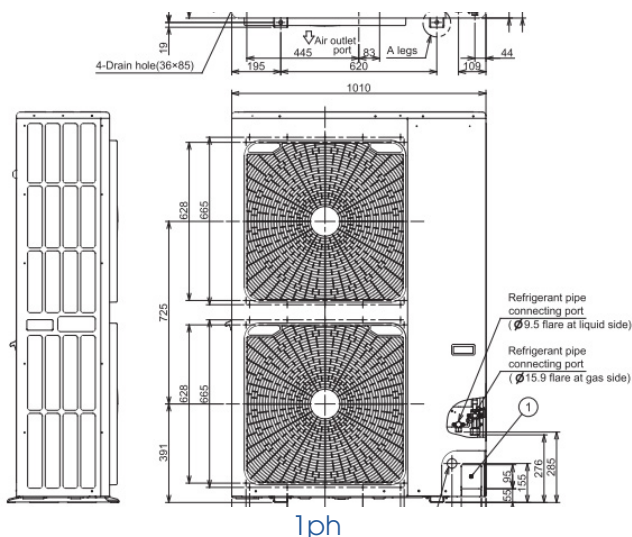
Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance		HIGH TIER PRODUCT RANGE		
Outdoor Unit		RAV	GP1401AT-E1	GP1401AT8-E
Operating Range	Cooling	C°	-15 to 52/-27 to 15	-15 to 46/-20 to 15
	Heating		-27 to 15	-20 to 15
Air Flow	High	m <sup>3</sup> /h - l/s	6960 - 1933	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	50 - 51	51 - 52
	Power High Cooling/Heating	dB(A)	67 - 68	68 - 69
Unit	Height x Width x Depth	mm	1550 x 1010 x 370	1340 x 900 x 320
	Weight	kg	104	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	5/8 - 3/8
	Min.-Max. Length	m	3-75	3-75
	Maximum Height Difference	m	±30	±30
	Drain Port Connection	mm	16	16
Refrigerant R32	Base Charge/Chargeless Length	m	R32 - 3.1/30	R32 - 2.6/30
	Additional Charge Liquid Side	g/m	35	40
Run Current	Maximum	Amps	15.36	6.03
Power Cable	Outdoor to Indoor		3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-25	380-415/3/50-16

### Related items:

- BIM files [1ph](#) & [3ph](#)
- CAD files [1ph](#) & [3ph](#)
- Refrigerant cycle diagram
- Dimensional drawing
- Wiring diagram [1ph](#) & [3ph](#)
- Noise curve data [1ph](#) & [3ph](#)
- Installation manual [1ph](#) & [3ph](#)



## RAV - Super Digital Inverter - Outdoor Units 1601 - 3ph

- Quiet operation as low as 33dB (A)
- Ability to operate down to a 10% load
- Precise capacity control at all conditions
- Standby power consumption reduced by 50% to 6W
- Wide ambient range: cooling -15°C to +52°C heating +15°C to -27°C



Retail Price (interactive icons):



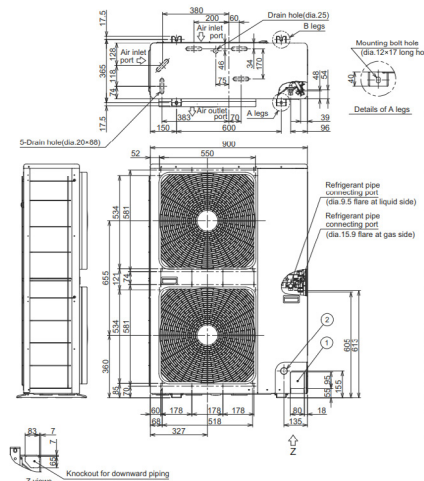
Hi - Res Image

### HIGH TIER PRODUCT RANGE

Performance		RAV	GP1601AT8-E
Outdoor Unit			
Operating Range	Cooling	C°	-15 to 46
	Heating		-20 to 15
Air Flow	High	m3/h - l/s	6180 - 1717
Sound	Pressure High Cooling/Heating	dB(A)	51 - 53
	Power High Cooling/Heating	dB(A)	68 - 70
Unit	Height x Width x Depth	mm	1340 x 900 x 320
	Weight	kg	95
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8
	Min.-Max. Length	m	3-75
	Maximum Height Difference	m	±30
	Drain Port Connection	mm	16
Refrigerant R32	Base Charge/Chargeless Length	m	R32 - 2.6/30
	Additional Charge Liquid Side	g/m	40
Run Current	Maximum	Amps	7.55
Power Cable	Outdoor to Indoor		3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	380-415/3/50-16

### Related items:

- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle diagram](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- Installation manual [1ph](#) & [3ph](#)



1601

## BROCHURES



# TOSHIBA



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