

# Air Source Heating



Olive air

Heating | Cooling | Refrigeration



01473 928660  
[info@oliveair.co.uk](mailto:info@oliveair.co.uk)

## About Us

We are a small family run business which has been operating as a limited company since 2021, before that the owner and Director, Tom Oliver who started his apprenticeship in 2005, had been running Olive Air as a sole trader since 2012. Since 2012, we have been installing, repairing, and servicing air to air heat pumps (air conditioning systems). Heat pumps are a renewable heating solution and are, if used correctly, an efficient alternative to gas/oil and electric heating. They also provide cooling in the summer to keep you comfortable all day every day. We offer only quality brands with good warranties. All our systems come with 1 year Labour warranty and up to 7 years parts only warranty across the following manufacturers:

- Toshiba
- Fujitsu
- Mitsubishi Electric
- Daikin
- Samsung
- LG

We treat customer satisfaction with the up most importance and this is why we are registered traders of Checkatrade and also Suffolk Trusted Traders.

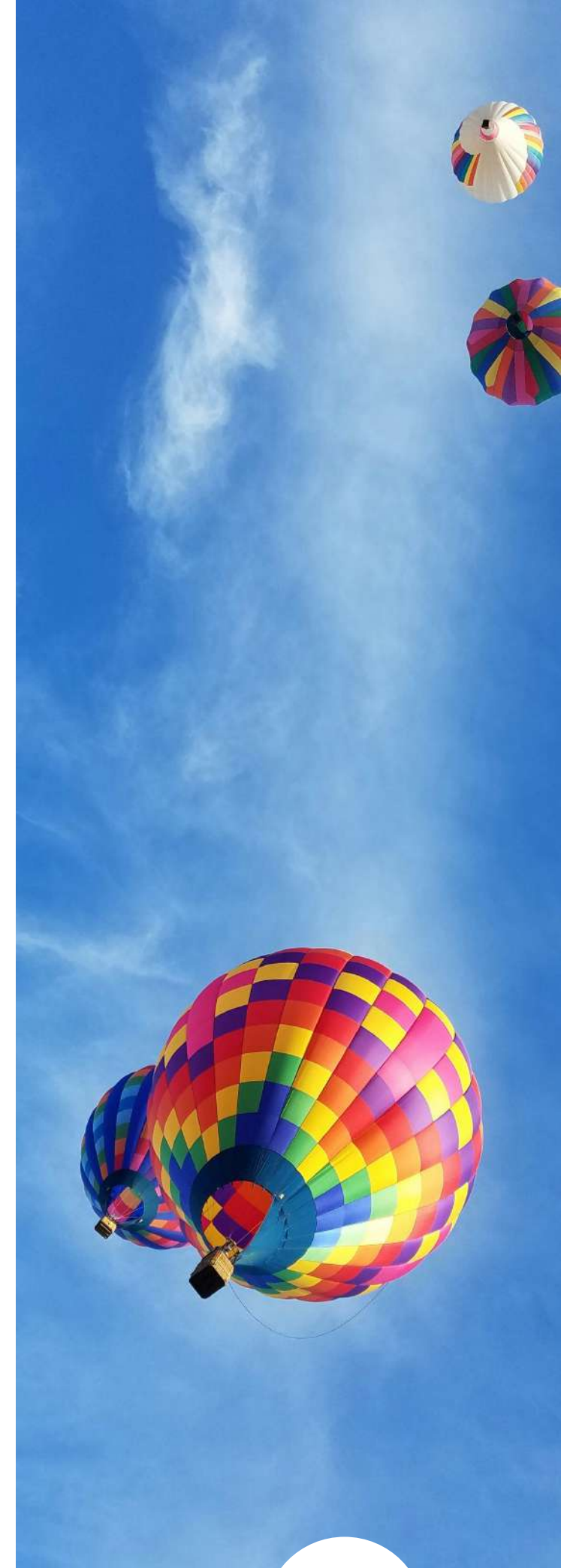
Registration with the above companies allows existing customers to review our performance and hopefully inspire a greater level of confidence from potential new customers. As well as the above sites we also have a lot of positive reviews on our google and Trust Pilot pages. If you have any questions, we are contactable by:

**Telephone - 01473 928660**  
**Email - [info@oliveair.co.uk](mailto:info@oliveair.co.uk)**



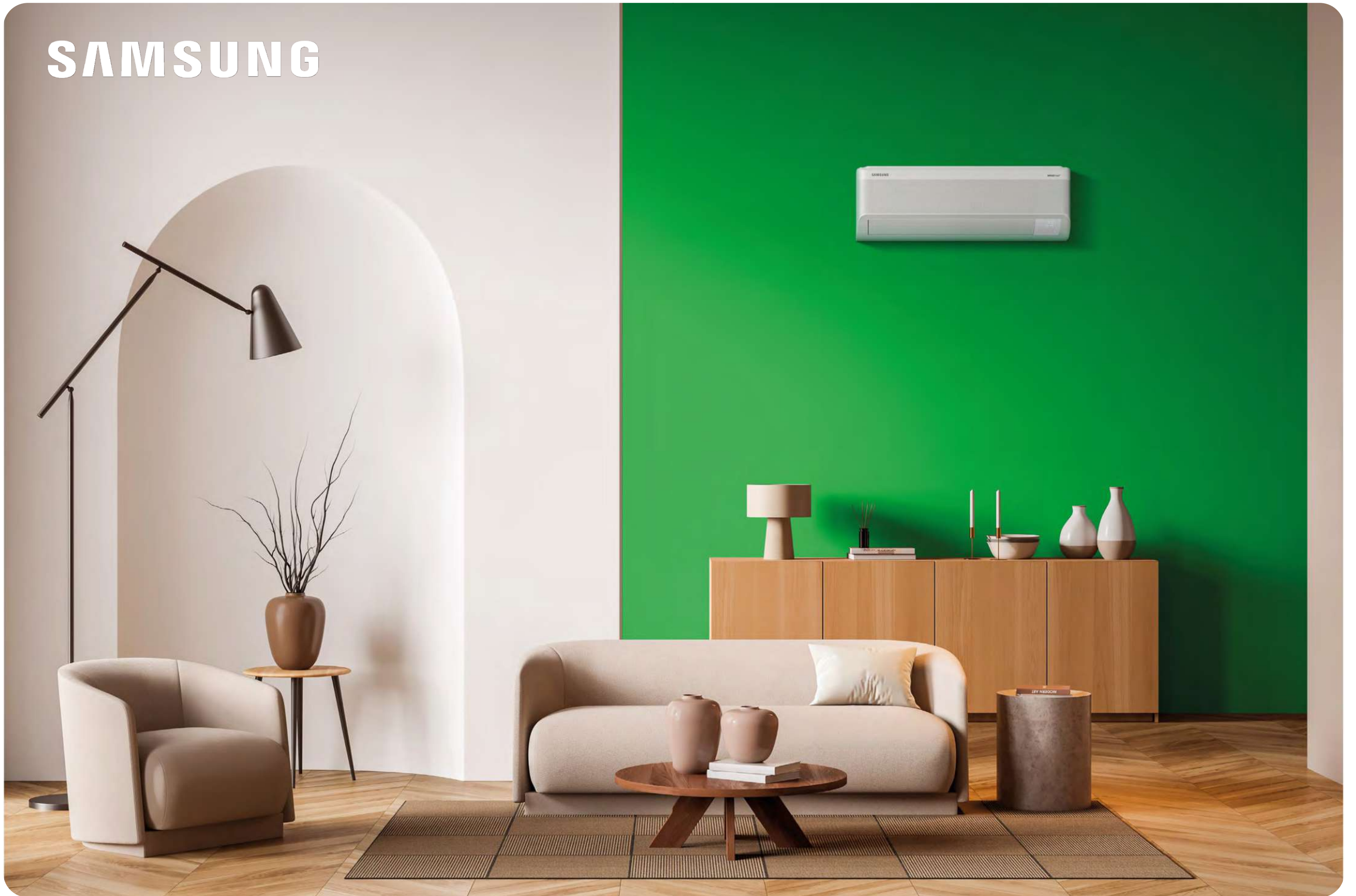
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# SAMSUNG





## Samsung CEBU R32

The Samsung CEBU wall mounted system cools rooms quickly from corner to corner, so you're always comfortable.

### Auto Clean

The Auto Clean functionality enables cleaning of the heat exchangers any time after you turn off the unit. This function automatically dries the Heat Exchanger using a 3 step process and prevents the build-up of bacteria and odours. It can easily be enabled or disabled with the click of the remote controller.

### Easy Filter Plus

Unlike conventional filters that may be difficult to access the Easy Filter Plus is located externally on the top of the unit. This means it can be easily removed and cleaned without needing to open a cover or pull hard on it. Thanks to the filter's dense mesh it's very effective at capturing dust and therefore keeping the Heat Exchanger clean and working efficiently. The special coating on the filter helps protect residents from certain airborne contaminants<sup>1</sup>.

### WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App<sup>2</sup>. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system<sup>3</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.

<sup>1</sup>Tested in Korean test lab (FTI). Data has been measured under specific testing conditions and may vary depending on environmental factors and individual use.  
Certain airborne contaminants referred to are Escherichia coli ATCC 25922, Staphylococcus aureus ATCC 6538.

<sup>2</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.

<sup>3</sup> Voice control is supported in English.

## Samsung CEBU R32

- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Equipped with NASA communication protocol.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fin and controller from power surges.



## Specifications

Model No.	Indoor Unit		AR09TXFYAWKXEU	AR12TXFYAWKXEU	AR18TXFYAWKXEU	AR24TXFYAWKXEU
	Outdoor Unit (1-phase)		AR09TXFYAWKXNEU	AR12TXFYAWKXNEU	AR18TXFYAWKXNEU	AR24TXFYAWKXNEU
Capacity	Cooling	kW	2.50(0.90-3.35)	3.50(0.90-4.0)	5.0(1.6-6.7)	6.0(1.4-7.6)
	Heating		3.20(0.90-4.50)	3.50(0.90-5.0)	6.0(1.30-8.0)	7.4(1.2-9.4)
UK Capacity	Sensible cooling	kW	2.31	2.69	3.88	5.50
Efficiency	EER	W/W	3.57	2.87	3.60	3.33
	COP <sup>1</sup>		3.81	3.72	3.53	3.15
	SEER <sup>1</sup>	W/W	6.7/ <span>A++</span>	6.5/ <span>A++</span>	6.8/ <span>A++</span>	6.4/ <span>A++</span>
	SCOP <sup>1</sup>		4.0/ <span>A+</span>	4.0/ <span>A+</span>	3.8/ <span>A</span>	3.8/ <span>A</span>
Annual Energy Consumption	Cooling	kWh/a	131	188	257	355
	Heating		735	770	1,400	1,511
Sound Pressure	Indoor (H/M/L)	dB(A)	37/19	38/19	41/25	45/26
	Outdoor (Cooling/Heating)		46	47	51	54
Sound Power	Indoor Unit	dB(A)	54	56	58	62
	Outdoor Unit		63	64	65	68
Airflow Rate	Indoor	Cooling (H/M/L)	163/155/140	172/155/140	263/240/216.7	263/240/216.7
		Heating (H/M/L)	178/172/155	187/172/155	263/240/216.7	275/ 251.7/ 228.3
	Outdoor		467	467	833	833
Dimensions (W x H x D)	Indoor	mm	820 x 299 x 215	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
	Outdoor		660 x 475 x 242	660 x 475 x 242	880 x 638 x 310	880 x 638 x 310
Net Weight	Indoor Unit	kg	9.1	9.1	11.5	11.6
	Outdoor Unit		22.6	22.6	39.7	43.2
Refrigerant	Pipe Size	Gas	3/8	3/8	1/2	5/8
			1/4	1/4	1/4	1/4
		Liquid	1/4	1/4	1/4	1/4
	Std/Max Pipe Length (Height)	m	3/15(8)	3/15(8)	3/30(15)	3/30(15)
	Pre Charge to		5	5	5	5
	Factory Charging	kg	0.70	0.70	1.30	1.15
	Additional Charge	g/m	15	15	15	15
	CO <sub>2</sub> Equivalent (R32 - GWP675)	tCO <sub>2</sub> e	0.47	0.47	0.88	0.78
Electrical	Power Supply	V, Hz	220~240 V, 50 Hz	220~240 V, 50 Hz	220~240 V, 50 Hz	220~240 V, 50 Hz
	Power Input	Cooling	0.205/0.70/1.03	0.205/1.22/1.4	0.32 /1.39 / 2.18	0.3 /1.95 / 2.6
			0.20/0.84/1.27	0.20/0.94/1.45	0.27 / 1.7 / 2.5	0.27 / 2.35 / 3.3
	Current Input	Cooling	1.3/3.6/4.7	1.3/5.6/6.3	2 / 6.4 / 10	2 / 8.8 / 11.5
			1.4/4.0/5.6	1.4/4.5/6.4	1.7 / 7.8 / 11.5	1.7 / 10.5 / 14.5
		Heating				
	MCA	A	5.6	6.4	11.5	14.5
	MFA	A	16	16	20	20
Interconnecting Communication Cable			mm <sup>2</sup> Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection			

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT 10) label classification 2019, on a scale from D to A+++.

Accessory			
Wireless Remote Controller	Premium Wired Controller	Sub PCB to connect wired remote controller	Touch Controller
Included	MWR-WG00JN	MIM-A00N	MWR-SH11N

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**Samsung Electronics Air Conditioner Europe B.V.**  
Evert van de Beekstraat 310, 1118 CX Schiphol  
P.O. Box 75810, 1118 ZZ Schiphol  
The Netherlands  
+31 (0)8 81 41 61 00





# Samsung WindFree™ Avant

The Samsung WindFree™ range keeps you comfortably cool without any cold drafts. It provides intelligent indoor climate comfort thanks to smart controls that adapt to your personal preferences, automatically maintaining optimal conditions.

## WindFree™ Cooling

WindFree™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In WindFree™ mode, air is spread softly and silently, creating a ‘Still Air’ environment<sup>1</sup> that provides you total well-being day and night.

## Smart Operation

AI Auto Comfort<sup>2</sup> introduces you to an intelligent way of living. It analyses your room conditions and usage patterns<sup>3</sup>, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App<sup>4</sup>. Turning it on and off, selecting the cooling mode or scheduling its operation is just one touch away.

## WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App<sup>5</sup>. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system<sup>6</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.

<sup>1</sup>ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines “Still Air” as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.  
<sup>2</sup> A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>3</sup> Stores user data, preferences and usage patterns to suggest the most useful options.  
<sup>4</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>5</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.  
<sup>6</sup> Voice control is supported in English.

# Samsung WindFree™ Avant

- Three-step cooling: Fast Cooling mode, Dehumidification mode and WindFree™ Cooling mode.
- Tri-Care Filter system with Zeolite Coating.
- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Triple Protector Plus to protect compressor, fin and controller from power surges.
- Auto Clean Functionality.



# Specifications

Model No.	Indoor Unit		AR09TXEAAWKNEU	AR12TXEAAWKNEU	AR18TXEAAWKNEU	AR24TXEAAWKNEU
	Outdoor Unit (1-phase)		AR09TXEAAWKXEU	AR12TXEAAWKXEU	AR18TXEAAWKXEU	AR24TXEAAWKXEU
Capacity	Cooling	kW	2.50(0.96-3.35)	3.50(0.99-4.00)	5.0(1.60-6.70)	6.50(1.40-7.60)
	Heating		3.2 (0.72-5.0)	4.0(0.74-5.50)	6.0(1.30-8.00)	7.40(1.20-9.70)
UK Capacity	Sensible cooling	kW	2.39	2.92	4.33	5.40
Efficiency	EER	W/W	4.39	3.76	3.60	3.33
	COP <sup>1</sup>		4.21	3.74	3.53	3.15
	SEER <sup>1</sup>	W/W	7.9/	7.3/	6.8/	6.4/
	SCOP <sup>1</sup>		4.6/	4.6/	4.1/	4.0/
Annual Energy Consumption	Cooling	kWh/a	111	168	257	355
	Heating		670	730	1,298	1,435
Sound Pressure	Indoor (H/Silent)	dB(A)	38/16	40/16	41/25	45/27
	Outdoor (Cooling only)		45	46	51	54
Sound Power	Indoor Unit	dB(A)	54	57	58	62
	Outdoor Unit		59	62	65	68
Airflow Rate	Indoor	Cooling (T/H/M/L)	158/150/142/123	175/167/150/132	262/242/220/188	293/262/232/188
		Heating (T/H/M/L)	185/175/167/150	202/193/175/158	262/242/220/188	305/273/242/200
	Outdoor	l/s	750	750	833	833
Dimensions (W x H x D)	Indoor	mm	889 x 299 x 215	889 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
	Outdoor		790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310
Net Weight	Indoor Unit	kg	9.9	9.9	12.2	12.5
	Outdoor Unit		32.1	32.1	42.7	43.7
Refrigerant	Pipe Size	Gas	3/8	3/8	1/2	5/8
	Liquid		1/4	1/4	1/4	1/4
	Std/Max Pipe Length (Height)		3/15(8)	3/15(8)	3/30(15)	3/30(15)
	Pre Charge to		5	5	5	5
	Factory Charging		0.94	0.94	1.3	1.3
	Additional Charge		15	15	15	15
	CO <sub>2</sub> Equivalent (R32 - GWP 675)		0.63	0.63	0.88	0.88
	Power Supply		220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz
Electrical	Power Input	Cooling	0.16/0.57/0.75	0.17/0.93/1.05	0.32/1.39/2.18	0.3/1.95/2.6
		Heating	0.14/0.76/1.40	0.14/1.07/1.56	0.27/1.7/2.5	0.27/2.35/3.2
	Current Input	Cooling	1.2/3.4/3.8	1.3/4.5/5.0	2.0/6.4/10.0	2.0/8.8/11.5
		Heating	1.0/3.7/6.1	1.0/5.1/6.8	1.7/7.8/11.5	1.7/10.5/14.0
Interconnecting Communication Cable			mm <sup>2</sup> Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection			

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Accessories		
Premium Wired Controller	Sub PCB to Connect Wired Remote Controller	Central Control Network
MWR-WG00JN	MIM-A00N	MWR-R10N

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Evert van de Beekstraat 310, 1118 CX Schiphol  
P.O. Box 75810, 1118 ZZ Schiphol  
The Netherlands  
+31 (0)8 81 41 61 00





# Samsung WindFree™ Comfort R32

The Samsung WindFree™ range keeps you comfortably cool without any cold drafts. It provides intelligent indoor climate comfort thanks to smart controls that adapt to your personal preferences, automatically maintaining optimal conditions.

## WindFree™ Cooling

WindFree™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In WindFree™ mode, air is spread softly and silently, creating a 'Still Air' environment<sup>1</sup> that provides you total well-being day and night.

## Smart Operation

AI Auto Comfort<sup>2</sup> introduces you to an intelligent way of living. It analyses your room conditions and usage patterns<sup>3</sup>, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App<sup>4</sup>. Turning it on and off, selecting the cooling mode or scheduling its operation is just one touch away.

## WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App<sup>5</sup>. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system<sup>6</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.









<sup>1</sup>ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.  
<sup>2</sup> A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>3</sup> Stores user data, preferences and usage patterns to suggest the most useful options.  
<sup>4</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>5</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.  
<sup>6</sup> Voice control is supported in English.

# Samsung WindFree™ Comfort R32

- Three-step cooling: Fast Cooling mode, Dehumidification mode and WindFree™ Cooling mode.
- AI Auto Comfort.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Triple Protector Plus to protect compressor, fan and controller from power surges.



## Specifications

Model No.	Indoor Unit		AR09TXFCAWKNEU	AR12TXFCAWKNEU	AR18TXFCAWKNEU	AR24TXFCAWKNEU	
	Outdoor Unit (1-phase)		AR09TXFCAWKXEU	AR12TXFCAWKXEU	AR18TXFCAWKXEU	AR24TXFCAWKXEU	
Capacity	Cooling	kW	2.50(0.9-3.35)	3.50(0.9-4.00)	5.0(1.60-6.70)	6.50(1.40-7.60)	
	Heating		3.20(0.9-4.50)	3.50(0.9-5.00)	6.0(1.30-8.00)	7.40(1.20-9.40)	
UK Capacity	Sensible cooling	kW	2.31	2.69	3.88	5.50	
Efficiency	EER	W/W	3.57	2.87	3.60	3.33	
	COP <sup>1</sup>		3.81	3.72	3.51	3.15	
	SEER <sup>1</sup>	W/W	6.7/ 	6.5/ 	6.8/ 	6.4/ 	
	SCOP <sup>1</sup>		4.0/ 	4.0/ 	3.8/ 	3.8/ 	
Annual Energy Consumption	Cooling	kWh/a	131	188	257	355	
	Heating		735	770	1,400	1,511	
Sound Pressure	Indoor (H/Silent)	dB(A)	37/19	38/19	41/25	45/26	
	Outdoor (Cooling only)		46	47	51	54	
Sound Power	Indoor Unit	dB(A)	54	56	58	62	
	Outdoor Unit		63	64	65	68	
Airflow Rate	Indoor	Cooling (T/H/M/L)	l/s	172/163/155/140	178/172/155/140	276.7/255/233.3/210	288.3/265/243.3/210
		Heating (T/H/M/L)	l/s	187/178/172/155	195/187/172/155	276.7/255/233.3/210	298.3/276.7/255/221.7
	Outdoor	I/s	467	467	833	833	
Dimensions (W x H x D)	Indoor	mm	820 x 299 x 215	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215	
	Outdoor		660 x 475 x 242	660 x 475 x 242	880 x 638 x 310	880 x 638 x 310	
Net Weight	Indoor Unit	kg	8.9	8.9	11.5	11.6	
	Outdoor Unit		23.0	23.0	39.7	43.2	
Refrigerant	Pipe Size	Gas	3/8	3/8	1/2	5/8	
		Liquid	1/4	1/4	1/4	1/4	
	Std/Max Pipe Length (Height)		3/15(8)	3/15(8)	3/30(15)	3/30(15)	
	Pre Charge to		5	5	5	5	
	Factory Charging		0.7	0.7	1.3	1.15	
	Additional Charge		15	15	15	15	
	CO <sub>2</sub> Equivalent (R32 - GWP 675)		tCO <sub>2</sub> e	0.47	0.47	0.88	0.78
	Power Supply		V, Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz	220-240 V, 50 Hz
Electrical	Power Input	Cooling	kW	0.205/0.70/1.03	0.205/1.22/1.4	0.32 / 1.39 / 2.18	0.3/1.95/2.6
		Heating		0.20/0.84/1.27	0.20/0.94/1.45	0.27 / 1.71 / 2.5	0.27/2.35/3.3
	Current Input	Cooling	A	1.3/3.6/4.7	1.3/5.6/6.3	2.0 / 6.4 / 10.0	2.0/8.8 /11.5
		Heating		1.4/4.0/5.6	1.4/4.5/6.4	1.7 / 7.8 / 11.5	1.7/10.5/14.5
		Interconnecting Communication Cable		mm <sup>2</sup>	Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection		

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Accessories			
Wireless Remote Controller	Premium Wired Controller	Sub PCB to Connect Wired Remote Controller	Touch Controller
(included)	MWR-WG00JN	MIM-A00N	MWR-SH11N

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# Samsung WindFree™ Elite R32

The Samsung WindFree™ range keeps you comfortably cool without any cold drafts. It provides intelligent indoor climate comfort thanks to smart controls that adapt to your personal preferences, automatically maintaining optimal conditions.

## WindFree™ Cooling

WindFree™ technology enhances your indoor comfort by using thousands of micro-holes to disperse fresh air uniformly without any unpleasant blasts of cold wind. In WindFree™ mode, air is spread softly and silently, creating a 'Still Air' environment<sup>1</sup> that provides you total well-being day and night.

## Smart Operation

AI Auto Comfort<sup>2</sup> introduces you to an intelligent way of living. It analyses your room conditions and usage patterns<sup>3</sup>, and then automatically adjusts the temperature. Temperatures can also be managed remotely using the SmartThings App<sup>4</sup>. Turning it on and off, selecting the cooling mode or scheduling its operation is just one touch away.

## WiFi Control

Temperatures in your building can be managed remotely using the SmartThings App<sup>5</sup>. Turning it on and off, selecting the cooling mode, scheduling its operation or monitoring the power consumption is just one touch away. The Bixby 2.0 Artificial Intelligence (AI) system<sup>6</sup> analyses and predicts your needs so it can suggest the best settings for inside your home.

<sup>1</sup>ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) defines "Still Air" as air currents at speeds below 0.15m/s which lacks the presence of cold drafts.  
<sup>2</sup> A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>3</sup> Stores user data, preferences and usage patterns to suggest the most useful options.  
<sup>4</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings application account are required.  
<sup>5</sup> Available on Android and iOS devices. A Wi-Fi connection and Samsung SmartThings account are required.  
<sup>6</sup> Voice control is supported in English.

# Samsung WindFree™ Elite R32

- Three-step cooling: Fast Cooling mode, Dehumidification mode and WindFree™ Cooling mode.
- Tri-Care Filter system with Zeolite Coating.
- AI Auto Comfort and Motion Detect Sensor.
- Wi-Fi Control with Samsung SmartThings and Bixby voice controls.
- Compressor with Digital Inverter Boost technology.
- Triple Protector Plus to protect compressor, fan and controller from power surges.



## Specifications

Model No.	Indoor Unit		AR09TXCAAWKNEU		AR12TXCAAWKNEU	
	Outdoor Unit (1-phase)		AR09TXCAAWKXEU		AR12TXCAAWKXEU	
Capacity	Cooling		2.50(0.90-3.60)		3.50(0.90-4.80)	
	Heating	kW	3.2 (0.8-7.10)		4.00(0.80-7.30)	
UK Capacity	Sensible cooling	kW	2.31		2.69	
Efficiency	EER		4.63		3.95	
	COP <sup>1</sup>	W/W	4.74		4.26	
	SEER <sup>1</sup>		8.8/		8.5/	
	SCOP <sup>1</sup>	W/W	5.1/		5.1/	
Annual Energy Consumption	Cooling		99		144	
	Heating	kWh/a	631		659	
Sound Pressure	Indoor (H/Silent)		38/16		40/16	
	Outdoor (Cooling/Heating)	dB(A)	45		46	
Sound Power	Indoor Unit		56		58	
	Outdoor Unit	dB(A)	59		62	
Airflow Rate	Indoor	Cooling (T/H/M/L)	185/168/143/118		202/177/152/118	
		Heating (T/H/M/L)	218/202/177/152		218/193/168/135	
	Outdoor		750		750	
Dimensions (W x H x D)	Indoor		889 x 299 x 215		889 x 299 x 215	
	Outdoor	mm	790 x 548 x 285		790 x 548 x 285	
Net Weight	Indoor Unit		10.6		10.6	
	Outdoor Unit	kg	32.5		32.5	
Refrigerant	Pipe Size	Gas	3/8		3/8	
		Liquid	1/4		1/4	
	Std/Max Pipe Length (Height)		3/15/(8)		3/15/(8)	
	Pre Charge to		5		5	
	Factory Charging		0.97		0.97	
Electrical	Additional Charge		15		15	
	CO <sub>2</sub> Equivalent (R32 - GWP 675)		0.65		0.65	
	Power Supply		220-240 V, 50 Hz		220-240 V, 50 Hz	
	Power Input	Cooling	0.18 0.54/0.93		0.18/0.885/1.45	
		Heating	0.15/0.675/2.16		0.15/0.94/2.28	
Current Input	Cooling		1.2/2.9/4.5		1.2/4.1/6.4	
	Heating	A	1.0/3.4/9.5		1.0/4.4/10.0	
	Interconnecting Communication Cable		mm <sup>2</sup>		Screened 0.75-1.5mm <sup>2</sup> , 2 Core, F1 F2 Connection	

<sup>1</sup> Energy labels as shown are according to EU No 626/2011 (LOT10) label classification 2019, on a scale from D to A+++.

Accessories			
Wireless Remote Controller	Premium Wired Controller	Sub PCB to Connect Wired Remote Controller	Touch Controller
(included)	MWR-WG00JN	MIM-A00N	MWR-SH11N

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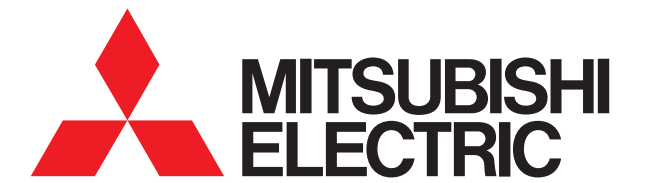
Samsung Electronics Air Conditioner Europe B.V.  
Evert van de Beekstraat 310, 1118 CX Schiphol  
P.O. Box 75810, 1118 ZZ Schiphol  
The Netherlands  
+31 (0)8 81 41 61 00





# M Series

Room Air Conditioning







# MSZ-RZ R290

## Premium Plus Wall Mounted System

### Inverter Heat Pump

The **MSZ-RZ** range blends low GWP refrigerant, with a high heating performance efficiency in low outdoor temperatures. Excellent air purifying functions and many other smart features makes it an excellent choice.

#### Key Features & Benefits

- Built in Plasma quad technology neutralises viruses, bacteria, allergens, PM2.5 mould and dust, inhibiting 99.8% of SARS-CoV-2\*
- 3D i-see sensor provides energy efficient, customised comfort by automatically monitoring room occupancy position and body temperatures
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app
- Excellent heating performance delivers warmth to your room at low ambient outdoor temperatures
- 'Circulator' mode to automatically circulate the air and eliminate cold spots
- User-friendly backlit controller for remote operation, including scheduling options

**R290**



MSZ-RZ - INDOOR UNITS		MSZ-RZ25VU	MSZ-RZ35VU
CAPACITY (kW)	Heating (nominal)	3.2 (0.8-5.4)	4.0 (1.1-6.3)
	Cooling (nominal)	2.5 (0.9-3.5)	3.5 (1.0-4.0)
	Heating (UK)	2.82 (0.86-4.43)	3.28 (0.96-4.17)
	Cooling (UK)	2.5 (0.9-3.5)	3.5 (1.0-4.0)
SHF (nominal)		1.00	0.92
COP / EER (nominal)		5.50 / 5.60	4.90 / 4.50
SCOP / SEER (BS EN14825)		5.3 / 11.7	5.2 / 9.8
EFP ENERGY EFFICIENCY CLASS		A+++ / A+++	A+++ / A+++
AIRFLOW (l/s)	Heating (SLo-Lo-Mi-Hi-SHi)	85-130-158-195-235	85-130-158-195-235
	Cooling (SLo-Lo-Mi-Hi-SHi)	85-108-150-175-195	85-115-150-190-235
PIPE SIZE MM (in)	Gas	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating (SLo-Lo-Mi-Hi-SHi)	19-25-30-36-41	19-25-30-36-42
	Cooling (SLo-Lo-Mi-Hi-SHi)	19-23-29-36-42	19-24-29-36-43
SOUND POWER LEVEL (dBA)		58	59
DIMENSIONS (mm)		998 x 247 x 305	998 x 247 x 305
WEIGHT (kg)		14.4	14.4
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6
INTERCONNECTING CABLE No. CORES		4	4

MUZ-RZ - OUTDOOR UNITS		MUZ-RZ25VU	MUZ-RZ35VU
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	49 / 46	50 / 49
	Cooling	60	61
SOUND POWER LEVEL (dBA)		57.5	59.5
WEIGHT (kg)		800 x 285 x 714	800 x 285 x 714
DIMENSIONS (mm)		220-240v, 50Hz	220-240v, 50Hz
ELECTRICAL SUPPLY		Single	Single
PHASE	Heating/Cooling (nominal)	0.58 / 0.45	0.81 / 0.77
	Heating/Cooling (UK)	0.53 / 0.38	0.74 / 0.65
SYSTEM POWER INPUT (kW)		2.9	3.8
STARTING CURRENT (A)		2.5 / 2.0 [9.8]	3.5 / 3.3 [9.9]
SYSTEM RUNNING CURRENT (A)		10	10
FUSE RATING (BS88) - HRC (A)		3	3
MAINS CABLE No. CORES		20	20
MAX PIPE LENGTH (m)		12	12
MAX HEIGHT DIFFERENCE (m)		0.39 / 0.0000078	0.39 / 0.0000078
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R290 (GWP 0.02) - 10m		0.10 / 0.000002	0.10 / 0.000002
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R290 (GWP 0.02)			

\* Derived from and subject to test results, for and on behalf of Mitsubishi Electric conducted at the Microbid Testing Laboratory, Textile Quality and Technology Center, Kobe, Japan.

**M series** Room Air Conditioning

## The Adaptable M Series Range

Designed to cool or heat small to medium sized spaces, such as residential, retail and small office applications, the M Series range provides a versatile, yet affordable air conditioning solution.

Quick to install, the range includes some of the quietest units on the market. Available in a variety of options, the M Series range fits in wherever it's needed, with a choice of wall or floor mounted indoor units.



**R290** **R32**

#### Wall Mounted Systems

- Premium Plus Inverter series, utilising low GWP R290 refrigerant
- Premium Inverter series, available in red, black or white
- Stylish Zen Inverter series, available in black, silver or white
- Mid-range Elegance Inverter series designed to suit popular demand
- Cost effective Classic Inverter series

#### Floor Mounted Systems

- Extremely versatile
- Designed for wall installation at floor level
- Compact design makes installation easy
- 3 models available from 2.5 - 5.0kW



#### Key Features

- The entire M Series range is available using either low GWP R290 or lower GWP R32 refrigerant
- Wi-Fi enabled, allowing control and monitoring via the MELCloud app (compatible with Amazon Alexa or Google Assistant-enabled devices)
- Stylish indoor units, available in a variety of colours

works with  
**Google Home**



#### Accessories

##### Indoor Units

###### MAC-1300RC-E

Natural white remote controller holder

##### Outdoor Units

###### MAC-882SG

Air outlet guide for MUZ-RZ25/35VU

##### System Control Units

###### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

###### PAR-41MAA

Standard wired remote controller

###### MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

###### MAC-497IF-E

Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)

###### MELCOBEMS MINI (A1M+)

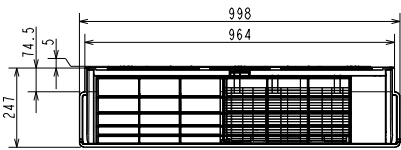
Modbus and BACnet MSTP CN105 adaptor

###### MELCORETAIL MINI

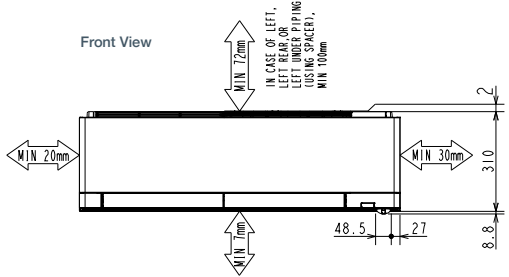
Retail control and input / output interface

#### Product Dimensions MSZ-RZ25/35VU

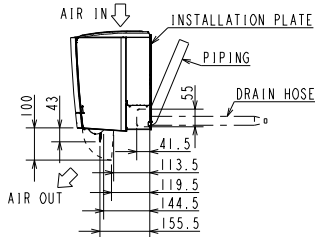
##### Upper View



##### Front View



##### Side View



# MSZ-LN R32

## Premium Wall Mounted System

### Inverter Heat Pump



The **MSZ-LN** range is our flagship wall mounted system, that blends energy efficiency with a sophisticated streamlined design. Finished with a choice of four rich colours and a premium quality feel, this range features the latest product innovations, all designed to enhance the user experience, and is an excellent choice for residential or small commercial applications.

#### Key Features & Benefits

- Built-in Plasma Quad Technology neutralises viruses, bacteria, allergens, PM2.5, mould and dust, inhibiting 99.8% of SARS-CoV-2\*
- 3D i-see sensor provides energy efficient, customised comfort by automatically monitoring room occupancy, position and body temperatures
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app; plus voice control - compatible with Amazon Alexa or Google Assistant-enabled devices
- Dual-Barrier Coating to the heat exchanger, fan and air duct prevents dust and grease accumulation
- Energy efficient, ultra-quiet operation with a choice of fan speeds
- User-friendly backlit controller for remote operation, including scheduling options



MSZ-LN - INDOOR UNITS		MSZ-LN18VG2 R/B/V/W	MSZ-LN25VG2 R/B/V/W	MSZ-LN35VG2 R/B/V/W	MSZ-LN50VG2 R/B/V/W	MSZ-LN60VG2 R/B/V/W
CAPACITY (kW)	Heating (nominal)	2.0 (0.9-4.0)	3.2 (0.8-5.4)	4.0 (1.0-6.3)	6.0 (1.8-8.2)	6.8 (1.8-9.3)
	Cooling (nominal)	1.8 (0.9-3.0)	2.5 (1.0-3.5)	3.5 (0.8-4.0)	5.0 (1.0-6.0)	6.1 (1.4-6.9)
	Heating (UK)	-	2.64 (0.66-4.45)	3.3 (0.83-5.2)	4.94 (0.82-6.75)	5.6 (1.48-7.66)
	Cooling (UK)	-	2.48 (0.59-3.47)	3.47 (0.79-3.66)	4.95 (0.99-5.94)	6.05 (1.39-6.84)
SHF (nominal)		-	0.97	0.90	0.77	0.75
COP / EER (nominal)		-	5.52 / 5.15	5.00 / 4.27	4.05 / 3.62	3.76 / 3.41
SCOP / SEER (BS EN14825)		-	5.1 / 9.5	4.6 / 8.5	4.6 / 8.5	4.5 / 7.5
E.P. ENERGY EFFICIENCY CLASS	Heating/Cooling	-	A+++ / A+++	A+++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mi-Hi-SH)	67-95-118-142-240	67-95-118-142-240	71-97-118-142-228	90-107-142-178-262	110-158-192-227-262
	Cooling (SLo-Lo-Mi-Hi-SH)	71-97-118-147-198	71-97-118-147-198	71-97-118-147-213	95-127-148-177-232	118-147-177-212-262
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating (SLo-Lo-Mi-Hi-SH)	19-24-29-36-45	19-24-29-36-45	19-24-29-36-45	25-29-34-39-47	29-37-41-45-49
	Cooling (SLo-Lo-Mi-Hi-SH)	19-23-29-36-42	19-23-29-36-42	19-24-29-36-43	27-31-35-39-46	29-37-41-45-49
SOUND POWER LEVEL (dBA)		-	-	-	-	-
DIMENSIONS (mm)	Width x Depth x Height	890 x 233 x 307	890 x 233 x 307	890 x 233 x 307	890 x 233 x 307	890 x 233 x 307
WEIGHT (kg)		15.5	15.5	15.5	15.5	15.5
ELECTRICAL SUPPLY		-	-	-	-	-
FUSE RATING (BS88) - HRC (A)		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
INTERCONNECTING CABLE No. CORES		4	4	4	4	4

Notes: MSZ-LN18VG2 only available with R32 MXZ Multi-Split outdoor units, Ruby Red (R), Onyx Black (B), Pearl White (V), Natural White (W).

MUZ-LN - OUTDOOR UNITS		MULTI-SPLIT ONLY	MUZ-LN25VG2	MUZ-LN35VG2	MUZ-LN50VG2	MUZ-LN60VG2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	49 / 46	50 / 49	54 / 51	55 / 55
	Cooling	-	60	61	64	65
SOUND POWER LEVEL (dBA)		-	35	35	40	53
WEIGHT (kg)		-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714	840 x 330 x 880
DIMENSIONS (mm)	Width x Depth x Height	-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
ELECTRICAL SUPPLY		-	Single	Single	Single	Single
PHASE		-	0.580 / 0.485	0.800 / 0.820	1.480 / 1.380	1.810 / 1.790
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	0.523 / 0.406	0.722 / 0.686	1.335 / 1.151	1.632 / 1.494
	Heating/Cooling (UK)	-	3.0	4.0	6.8	7.9
STARTING CURRENT (A)		-	3.0 / 2.5 [7.1]	4.0 / 3.9 [9.9]	6.8 / 6.3 [13.9]	7.9 / 7.9 [15.2]
SYSTEM RUNNING CURRENT (A)	Heating/Cooling (MAX)	-	10	10	16	16
FUSE RATING (BS88) - HRC (A)		-	3	3	3	3
MAINS CABLE No. CORES		-	20	20	30	30
MAX PIPE LENGTH (m)		-	12	12	12	15
MAX HEIGHT DIFFERENCE (m)		-	1.0 / 0.68	1.0 / 0.68	1.25 / 0.85	1.45 / 0.98
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R32 (GWP 675) - 7m		-	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.46 / 0.32
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R32 (GWP 675)		-	-	-	-	-

\* Derived from and subject to test results, for and on behalf of Mitsubishi Electric conducted at the Microbial Testing Laboratory, Textile Quality and Technology Center, Kobe, Japan.

# MSZ-EF R32

## Zen Wall Mounted System

### Inverter Heat Pump



The **MSZ-EF** is a modern, small-scale wall mounted air conditioning system that effortlessly blends energy efficiency, low noise, Wi-Fi control and air filtration with a sophisticated, streamlined design. Available in capacities from 1.8kW to 5kW and connectable as a single or multi-split system, Zen is the perfect solution for residential and small office applications.

#### Key Features & Benefits

- Stylish design in a range of three distinct colours - black, silver and white
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app; plus voice control - compatible with Amazon Alexa or Google Assistant-enabled devices
- In-room air purification through our advanced V-Blocking filter, neutralising viruses, allergens, dust and mould
- Easy operation via a backlit controller with 7 day time clock
- Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust.

For more information, please refer to page 1.1.7



MSZ-EF B/S/W - INDOOR UNITS		MSZ-EF18VGK B/S/W	MSZ-EF22VGK B/S/W	MSZ-EF25VGK B/S/W	MSZ-EF35VGK B/S/W	MSZ-EF50VGK B/S/W
CAPACITY (kW)	Heating (nominal)	2.0 (0.9 - 4.0)	2.6 (1.0-4.5)	3.2 (1.0-4.2)	4.0 (1.3-5.1)	5.8 (1.4-7.5)
	Cooling (nominal)	1.8 (0.9 - 3.0)	2.2 (1.0-3.2)	2.5 (0.9-3.4)	3.5 (1.1-4.0)	5.0 (1.4-5.4)
	Heating (UK)	-	-	2.65 (0.91-3.49)	3.32 (1.08-4.23)	4.82 (1.16-6.23)
	Cooling (UK)	-	-	2.48 (0.89-3.37)	3.47 (1.09-3.96)	4.98 (1.39-5.36)
SHF (nominal)	-	-	0.97	-	0.70	-
COP / EER (nominal)	-	-	4.57 / 4.63	-	4.21 / 3.85	3.72 / 3.25
SCOP / SEER (BS EN14825)	-	-	4.7 / 9.1	-	4.6 / 8.8	4.5 / 7.5
E.P. ENERGY EFFICIENCY CLASS	Heating/Cooling	-	-	A++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (l/s)	Heating/Cooling - SLo-Lo-Mi-Hi-SH	67-71-103-148-198	67-71-103-148-198	67-71-103-148-198	67-71-103-148-198	67-71-103-148-198
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - SLo-Lo-Mi-Hi-SH	21-24-29-37-45	21-24-29-37-45	21-24-29-37-45	21-24-30-38-46	30-33-37-45
SOUND POWER LEVEL (dBA)		60	60	60	60	60
DIMENSIONS (mm)	Width x Depth x Height	885 x 195 x 299	885 x 195 x 299	885 x 195 x 299	885 x 195 x 299	885 x 195 x 299
WEIGHT (kg)		11.5	11.5	11.5	11.5	11.5
ELECTRICAL SUPPLY		-	-	-	-	-
FUSE RATING (BS88) - HRC (A)		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
INTERCONNECTING CABLE No. CORES		4	4	4	4	4

Notes: Black (B), Silver (S), White (W)

MUZ-EF - OUTDOOR UNITS	MULTI-SPLIT ONLY	MULTI-SPLIT ONLY	MUZ-EF25VG	MUZ-EF35VG	MUZ-EF50VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	50 / 49	52 / 52
	Cooling	-	58	62	65
SOUND POWER LEVEL (dBA)		-	31	34	40
WEIGHT (kg)		-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714
DIMENSIONS (mm)	Width x Depth x Height	-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
ELECTRICAL SUPPLY		-	Single	Single	Single
PHASE		-	0.70 / 0.54	0.95 / 0.91	1.56 / 1.54
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	0.64 / 0.44	0.87 / 0.73	1.42 / 1.24
	Heating/Cooling (UK)	-	3.6	4.4	7.1
STARTING CURRENT (A)		-	3.6 / 3.0 [6.8]	4.4 / 4.2 [6.8]	7.1 / 6.9 [13.6]
SYSTEM RUNNING CURRENT (A)	Heating/Cooling (MAX)	-	10	10	16
FUSE RATING (BS88) - HRC (A)		-	3	3	3
MAINS CABLE No. CORES		-	20	20	30
MAX PIPE LENGTH (m)		-	12	12	15
MAX HEIGHT DIFFERENCE (m)		-	0.82 / 0.42	0.74 / 0.50	1.05 / 0.71
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R32 (GWP 675) - 7m		-	0.26 / 0.18	0.26 / 0.18	0.46 / 0.31
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (g) - R32 (GWP 675)		-	-	-	-

#### Accessories

##### Indoor Units

###### MAC-286RH-E

Natural white remote controller holder

##### Outdoor Units

###### MAC-881SG

Air outlet guide for MUZ-LN25/35VG2

###### MAC-882SG

Air outlet guide for MUZ-LN50VG2

##### System Control Units

###### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

###### PAR-41MAA

Standard wired remote controller

###### MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

###### MAC-497IF-E

Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)

###### MELCOBEMS MINI (A1M+)

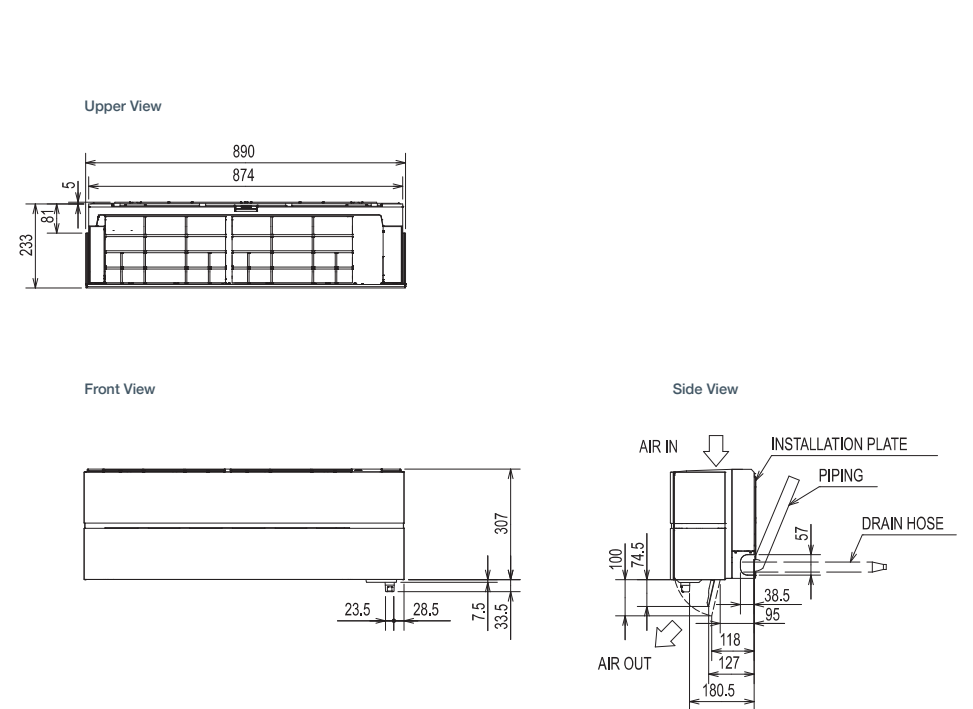
Modbus and BACnet MSTP CN105 adaptor

###### MELCORETAIL MINI

Retail control and input / output interface

#### Product Dimensions

MSZ-LN18/25/35/50/60VG2 R/B/V/W



#### Accessories

##### Indoor Units

###### MAC-100FT-E

Plasma Quad Connect Air Purifying Device

###### MAC-1300RC-E

Natural white remote controller holder

##### Outdoor Units

###### MAC-881SG

Air outlet guides for MUZ-EF25/35VG

###### MAC-882SG

Air outlet guides for MUZ-EF50VG

##### System Control Units

###### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

###### PAR-41MAA

Standard wired remote controller

###### MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

###### MAC-497IF-E

Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)

###### MELCOBEMS MINI (A1M+)

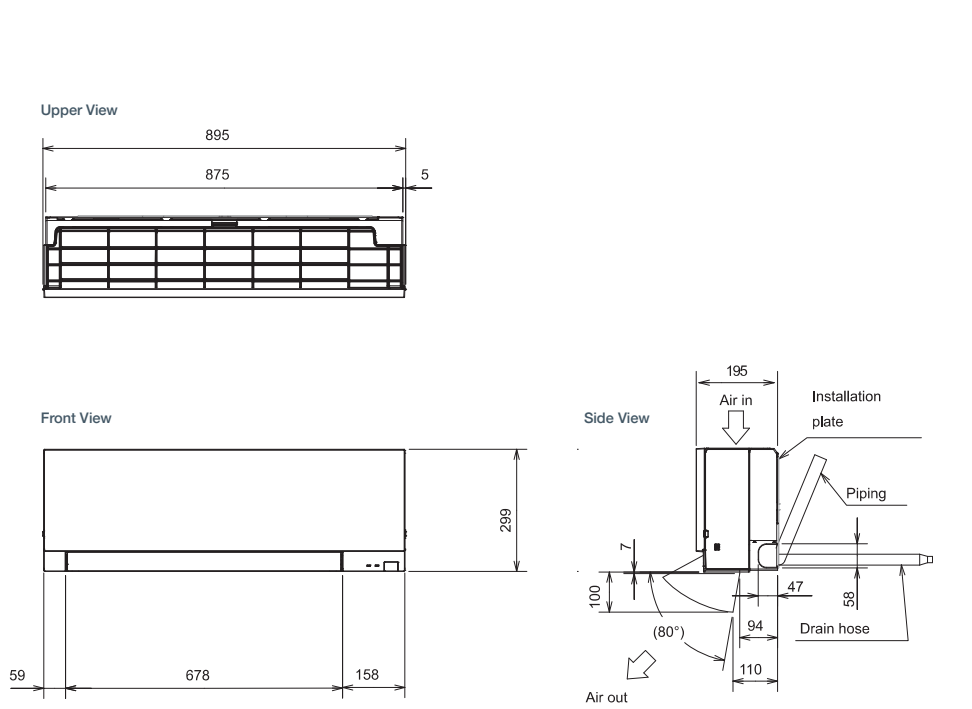
Modbus and BACnet MSTP CN105 adaptor

###### MELCORETAIL MINI

Retail control and input / output interface

#### Product Dimensions

MSZ-EF18/22/25/35/50VGK B/S/W





## MSZ-AY / MSZ-AP R32

### Elegance Wall Mounted System

#### Inverter Heat Pump



The **MSZ-AY & MSZ-AP** wall mounted systems deliver excellent flexibility and energy efficiency for air conditioning projects. With a stylish design, range of capacities from 1.5kW to 7.1kW, and connection capability to single as well as multi-split systems, the Elegance series is a great fit for residential and light commercial applications.

#### Key Features & Benefits

- Elegant and sleek design to complement multiple application types
  - High seasonal efficiencies, offering energy saving and low running costs
  - Low noise levels, including Night Mode setting, for minimal disturbance to occupants
  - Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app; plus voice control - compatible with Amazon Alexa or Google Assistant-enabled devices
  - Dual-Barrier coating on the heat exchanger, fan and air duct prevents dust and grease accumulation within the unit, ensuring long-term, efficient operation (MSZ-AY only)
  - Self-cleaning mode prevents mould and odours, allowing cleaner air to be delivered to the space (MSZ-AY only)
  - Luxury Matt finish ensures easy cleaning and consistent premium appearance (MSZ-AY only)
  - In-room air purification through an advanced V-Blocking filter, neutralising bacteria, viruses, allergens, dust and mould
  - Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust.
- For more information, please refer to page 1.1.7



MSZ-AY / MSZ-AP - INDOOR UNITS		MSZ-AY15VGK	MSZ-AY20VGK	MSZ-AY25VGK	MSZ-AY35VGK	MSZ-AY42VGK	MSZ-AY50VGK	MSZ-AP60VGK	MSZ-AP71VGK
CAPACITY (kW)	Heating (nominal)	2.0 (0.5-3.1)	2.5 (0.5-3.5)	3.2 (1.0-4.1)	4.0 (1.3-4.6)	5.2 (1.3-6.0)	5.5 (1.4-7.3)	6.8 (2.0-8.6)	8.0 (2.2-10.3)
	Cooling (nominal)	1.5 (0.5-2.2)	2.0 (0.5-2.7)	2.5 (0.9-3.4)	3.5 (1.1-3.8)	4.2 (0.9-4.5)	5.0 (1.4-5.4)	6.1 (1.4-7.3)	7.1 (2.0-8.7)
	Heating (UK)	1.64 (0.4-2.5)	2.06 (0.4-2.9)	2.64 (0.8-3.4)	3.3 (1.1-3.8)	4.45 (1.1-4.9)	4.78 (1.2-6.0)	5.6 (1.5-7.1)	6.68 (1.8-8.6)
	Cooling (UK)	1.40 (0.5-2.2)	1.98 (0.5-2.7)	2.48 (0.8-3.4)	3.47 (1.1-3.8)	4.17 (0.9-4.5)	4.95 (1.4-5.3)	6.05 (1.4-7.2)	7.04 (2.0-8.6)
SHF (nominal)		-	0.83	0.92	0.98	0.77	0.74	0.83	0.77
COP / EER (nominal)		-	4.17 / 4.35	4.10 / 4.17	3.88 / 3.54	3.74 / 3.33	3.74 / 3.25	4.07 / 3.84	3.82 / 3.53
SCOP / SEER (BS EN14825)		-	4.20 / 8.60	4.80 / 8.70	4.70 / 8.70	4.70 / 7.90	4.70 / 7.50	4.60 / 7.40	4.40 / 7.20
EIP ENERGY EFFICIENCY CLASS		-	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++
AIRFLOW (kg)		Heating/Cooling	47-58/75-90/102	47-65/75-90/118	67-83/110/133-197	73-90/116/133-197	80-95/121/151-215	180-220/235/299-338	170-192/220-255-320
PIPE SIZE (mm)		Heating/Cooling	47-58/75-90/102	47-65/75-90/118	60-83/105-130-175	60-83/105-130-185	75-95/116-140-175	85-105/125-151-195	157-183-220-261-315
PIPE SIZE (mm)		Gas	9/32 (3/8")	9/32 (3/8")	9/32 (3/8")	9/32 (3/8")	9/32 (3/8")	1/2 (1/2")	1/2 (1/2")
SOUND POWER LEVEL (dBA)		Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND POWER LEVEL (dBA)		Heating/Cooling	21-26/30-35-40	19-26/30-35-42	18-24/30-36-45	18-24/30-36-45	21-26/30-36-45	28-33/36-40-44	30-37/41-45-51
DIMENSIONS (mm)		Width x Depth x Height	760 x 199 x 250	760 x 199 x 250	798 x 245 x 299	798 x 245 x 299	798 x 245 x 299	1100 x 257 x 325	1100 x 257 x 325
WEIGHT (kg)			6.9	10.5	16.5	16.5	16	17	17
ELECTRICAL SUPPLY			Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)			6	6	6	6	6	6	6
INTERCONNECTING CABLE No. CORES			4	4	4	4	4	4	4
MUZ-AY / MUZ-AP - OUTDOOR UNITS		MULTI-SPLIT ONLY	MUZ-AY20VG	MUZ-AY25VG	MUZ-AY35VG	MUZ-AY42VG	MUZ-AY50VG	MUZ-AP60VG	MUZ-AP71VG2
SOUND POWER LEVEL (dBA)		Heating/Cooling	-	48 / 47	48 / 47	50 / 49	51 / 50	52 / 52	57 / 56
SOUND POWER LEVEL (dBA)		Cooling	-	56	59	61	61	64	65
WEIGHT (kg)			-	27	28.5	34	40.5	40	53
DIMENSIONS (mm)		Width x Depth x Height	-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714	800 x 285 x 714	840 x 330 x 880
ELECTRICAL SUPPLY			-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE			-	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)		Heating/Cooling (nominal)	-	1.00 / 0.46	0.78 / 0.80	1.03 / 0.89	1.39 / 1.30	1.47 / 1.54	1.67 / 1.59
STARTING CURRENT (A)		Heating/Cooling (UK)	-	0.90 / 0.38	0.70 / 0.50	0.93 / 0.83	1.25 / 1.08	1.32 / 1.28	1.51 / 1.33
SYSTEM RUNNING CURRENT (A)			-	3.2	3.6	4.7	6.1	6.9	7.4
FUSE RATING (BS88) - HRC (A)			-	3.2 / 2.8 [7.0]	3.6 / 2.8 [7.6]	4.7 / 4.5 [7.6]	6.1 / 5.8 [8.9]	6.5 / 6.9 [13.8]	7.4 / 7.1 [14.0]
MAX PIPE LENGTH (m)			-	10	10	10	16	16	20
MAX HEIGHT DIFFERENCE (m)			-	3	3	3	3	3	3
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			-	20	20	20	20	30	30
MAX HEIGHT DIFFERENCE (m)			-	12	12	12	12	15	15
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			-	0.55 / 0.37	0.55 / 0.37	0.55 / 0.37	0.70 / 0.47	1.00 / 0.68	1.05 / 0.71
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			-	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.30 / 0.21	0.30 / 0.21

#### Accessories

##### Indoor Units

###### MAC-100FT-E

Plasma Quad Connect Air Purifying Device

###### MAC-1300RC-E

Natural white remote controller holder

##### Outdoor Units

###### MAC-881SG

Air outlet guide for MUZ-AY20/25/35/42VG

###### MAC-882SG

Air outlet guide for MUZ-AY50VG, MUZ-AP60VG

###### MAC-886SG

Air outlet guide for MUZ-AP71VG

##### System Control Units

###### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

###### PAR-41MAA

Standard wired remote controller

###### MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

###### MAC-497IF-E

Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)

###### MELCOBEMS MINI (A1M+)

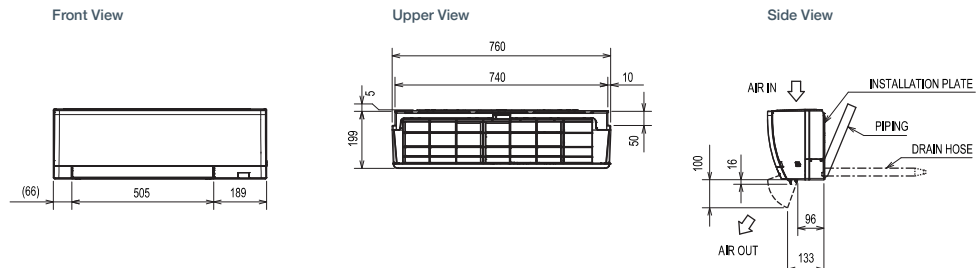
Modbus and BACnet MSTP CN105 adaptor

###### MELCORETAIL MINI

Retail control and input / output interface

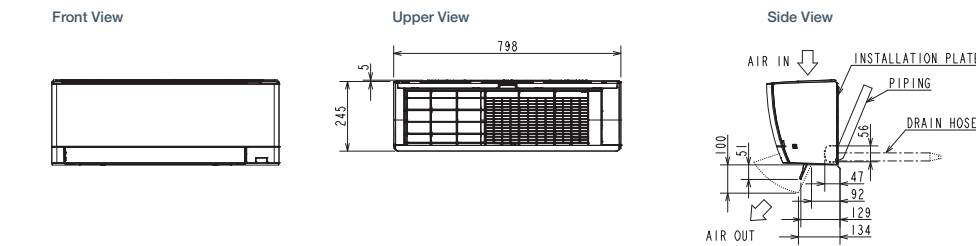
#### Product Dimensions

##### MSZ-AY15-20VGK



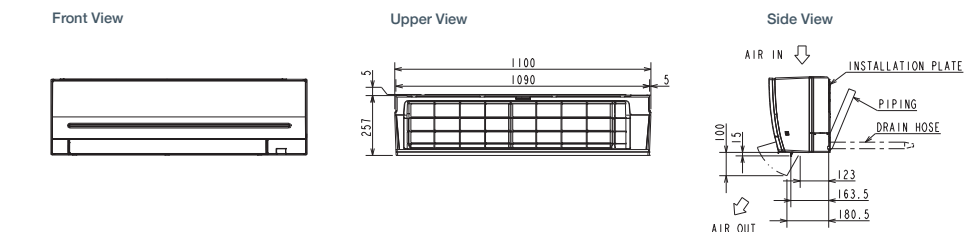
#### Product Dimensions

##### MSZ-AY25-50VGK



#### Product Dimensions

##### MSZ-AP60-71VGK



## MSZ-HR R32

### Classic Wall Mounted System

#### Inverter Heat Pump



The **MSZ-HR** range of wall mounted split systems is now available in capacities up to 7.1kW, making them ideal for light commercial applications such as small offices & retail spaces. With efficient & quiet operation, as well as optional Wi-Fi control, these systems provide excellent value for money as single or multi-split systems.

#### Key Features & Benefits

- Stylish white design
- Utilises lower GWP R32 refrigerant
- Optional Wi-Fi interface enabling control & monitoring via the MELCloud app
- Daily timer for greater control of scheduling
- Multi-Split connection to MXZ-HA
- Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust. For more information, please refer to page 1.1.7



MSZ-HR - INDOOR UNITS		MSZ-HR25VF	MSZ-HR35VF	MSZ-HR50VF	MSZ-HR60VF	MSZ-HR71VF	
CAPACITY (kW)	Heating (nominal)	3.15 (0.7-3.5)	3.6 (0.9-3.7)	5.4 (1.4-6.5)	6.8 (1.5-9.0)	8.1 (1.5-9.0)	
	Cooling (nominal)	2.5 (0.5-2.9)	3.4 (0.9-3.4)	5.0 (1.3-5.0)	6.1 (1.7-7.4)	7.1 (1.9-7.4)	
	Heating (UK)	2.61 (0.6-2.9)	2.99 (0.75-3.1)	4.48 (1.16-5.39)	5.64 (1.25-7.47)	6.72 (1.25-7.47)	
	Cooling (UK)	2.48 (0.5-2.8)	3.37 (0.89-3.4)	4.96 (1.29-5.98)	5.98 (1.67-7.25)	6.96 (1.76-7.25)	
SHF (nominal)		0.78	0.78	0.73	0.79	0.74	
COP / EER (nominal)		3.71 / 3.13	3.69 / 2.81	3.48 / 2.44	3.76 / 3.37	3.32 / 3.05	
SCOP / SEER (BS EN14825)		4.30 / 6.20	4.30 / 6.20	4.30 / 6.50	4.50 / 7.20	4.30 / 7.00	
EIP ENERGY EFFICIENCY CLASS		Heating/Cooling A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++	
AIRFLOW (l/s)		Heating/Cooling - L+M+H+S+H	55-80/73-109 / 60-86/120-162	55-80/73-115 / 60-83/130-195	102/138/167-242 / 107-153/187-218	176/216/267/327 / 173-210/257-327	178/216/267/327 / 173-210/257-327
PIPE SIZE mm (in)		Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")	
		Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	
SOUND PRESSURE LEVEL (dBA)		Heating/Cooling - L+M+H+S+H	21-30-37-43 / 21-30-37-43	21-30-37-44 / 22-31-38-46	27-34-41-47 / 28-36-40-45	33-38-44-50 / 33-38-44-50	33-38-44-50 / 33-38-44-50
SOUND POWER LEVEL (dBA)			60	60	60	65	
DIMENSIONS (mm)		Width x Depth x Height	838 x 228 x 280	838 x 228 x 280	838 x 228 x 280	923 x 263 x 305	923 x 263 x 305
WEIGHT (kg)			8.5	8.5	9	12.5	12.5
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	
INTERCONNECTING CABLE No. CORES		4	4	4	4	4	

MUZ-HR - OUTDOOR UNITS		MUZ-HR25VF	MUZ-HR35VF	MUZ-HR50VF	MUZ-HR60VF	MUZ-HR71VF
SOUND POWER LEVEL (dBA)		Heating/Cooling	51 / 51	51 / 50	57 / 53	57 / 53
SOUND POWER LEVEL (dBA)		Cooling	63	64	64	66
WEIGHT (kg)			23	24	35	40
DIMENSIONS (mm)		Width x Depth x Height	699 x 249 x 538	699 x 249 x 538	800 x 285 x 550	800 x 285 x 714
ELECTRICAL SUPPLY			220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE			Single	Single	Single	Single
SYSTEM POWER INPUT (kW)		Heating/Cooling (nominal)	0.85 / 0.80	0.98 / 1.21	1.55 / 2.05	1.81 / 1.81
STARTING CURRENT (A)		Heating/Cooling (UK)	0.77 / 0.63	0.89 / 0.96	1.40 / 1.62	1.83 / 1.52
SYSTEM RUNNING CURRENT (A)			4.1	5.9	9.0	8.0
FUSE RATING (BS88) - HRC (A)			4.1 / 3.8 [4.8]	4.6 / 5.9 [6.4]	6.9 / 9.0 [9.6]	8.0 / 8.0 [14.1]
MAX PIPE LENGTH (m)			10	10	16	16
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			3	3	3	3
MAX HEIGHT DIFFERENCE (m)			12	12	20	20
CHARGE REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			0.40 / 0.27	0.45 / 0.30	0.80 / 0.54	1.05 / 0.71
MAX ADDITIONAL REFRIGERANT (kg) / CO <sub>2</sub> EQUIVALENT (t)			0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.46 / 0.32

#### Accessories

##### Indoor Units

###### MAC-100FT-E

Plasma Quad Connect Air Purifying Device

###### MAC-1200RC-E

Natural white remote controller holder

##### Outdoor Units

###### MAC-883SG

Air outlet guide for MUZ-HR25/35VF

###### MAC-881SG

Air outlet guide for MUZ-HR50VF

###### MAC-882SG

Air outlet guide for MUZ-HR60/71VF

##### System Control Units

###### PAR-CT01MAA-SB/PB

Touch screen wired remote controller (PB = Premium Finish)

###### PAR-41MAA

Standard wired remote controller

###### MAC-334IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output

###### MAC-497IF-E

Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA)

###### MAC-587IF-E

Interface for connection to Wi-Fi MELCloud service

###### MELCOBEMS MINI (A1M+)

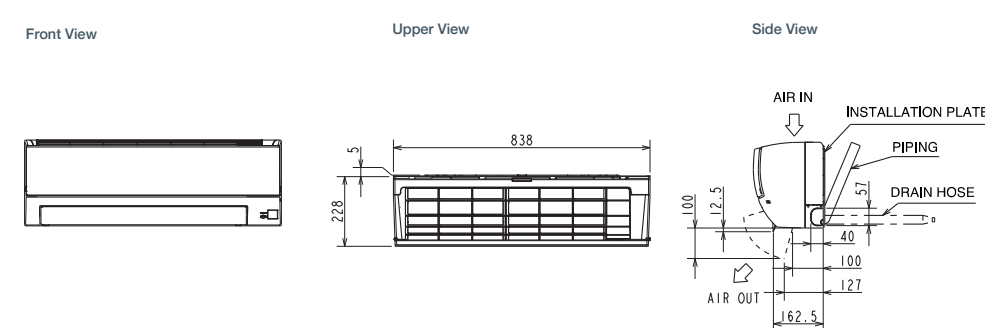
Modbus and BACnet MSTP CN105 adaptor

###### MELCORETAIL MINI

Retail control and input / output interface

#### Product Dimensions

##### MSZ-HR25/35/50VF



#### Product Dimensions

##### MSZ-HR60/71VF

MFZ-KT R32
Floor Mounted System
Inverter Heat Pump

The MFZ-KT floor mounted system is extremely versatile and is designed for wall-mounted installation at floor level. Lightweight and compact in design, this unit is ideal for applications such as conservatories, garden rooms and small offices where wall space is limited.

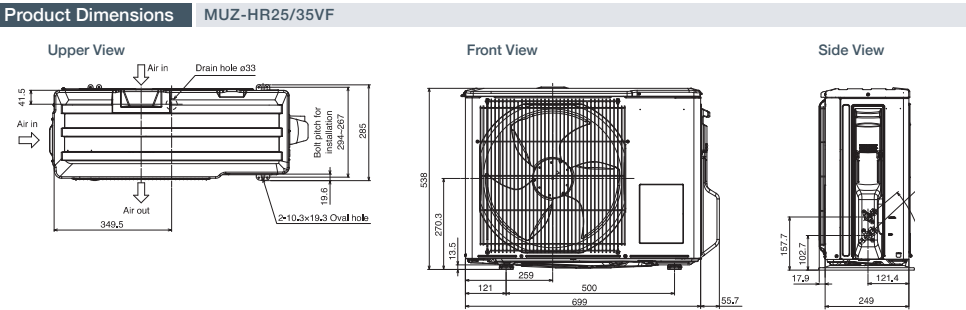
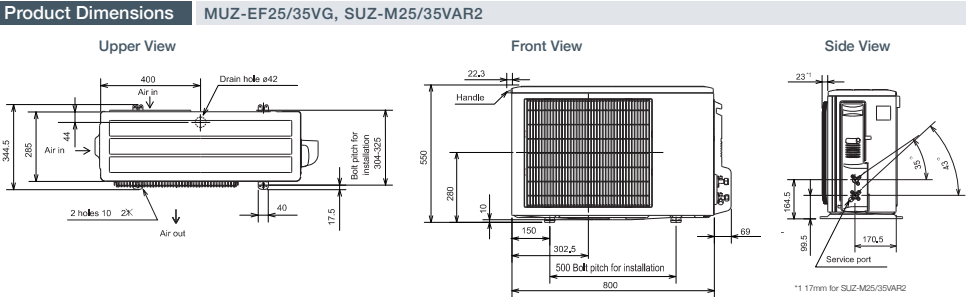
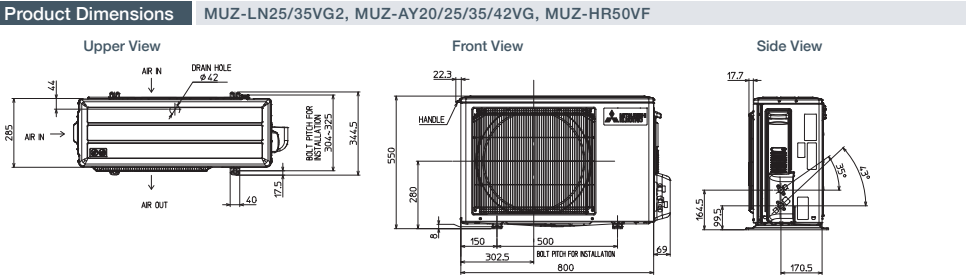
Key Features & Benefits

- Lightweight, floor mounted design for easy installation
- Auto-swing vane feature provides a natural and comfortable airflow
- Controller with built-in timer
- Optional Wi-Fi interface enabling control & monitoring via the MELCloud app



MFZ-KT - INDOOR UNITS		MFZ-KT25VG	MFZ-KT35VG	MFZ-KT50VG
CAPACITY (kW)	Heating (nominal)	3.4 (1.3-4.2)	4.3 (1.1-5.0)	5.0 (1.5-7.2)
	Cooling (nominal)	2.5 (1.6-3.2)	3.5 (0.9-3.9)	5.0 (1.2-5.6)
	Heating (UK)	2.79 (1.07-3.44)	3.53 (0.9-4.10)	4.92 (1.23-5.90)
	Cooling (UK)	2.45 (1.57-3.14)	3.43 (0.88-3.82)	4.90 (1.18-5.49)
SHF (nominal)		0.79	0.70	0.72
COP / EER (nominal)		3.74 / 4.03	3.41 / 3.30	3.23 / 3.23
SCOP / SEER (BS EN14825)		4.2 / 6.5	4.4 / 6.6	4.2 / 6.5
E.P. ENERGY EFFICIENCY CLASS	Heating/Cooling	A++ / A++	A++ / A++	A++ / A++
	Heating - Silent-Lo-Mi-Hi-SHI	58-67-93-122-162	58-67-93-122-162	100-128-157-193-233
AIRFLOW (l/s)	Cooling - Silent-Lo-Mi-Hi-SHI	65-80-108-130-148	65-80-108-130-148	93-112-143-173-205
PIPE SIZE mm (in)	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling - Silent-Lo-Mi-Hi-SHI	19-23-30-37-44 / 19-24-31-37-41	19-23-30-37-44 / 19-24-31-37-41	29-35-40-44-49 / 28-32-37-42-48
SOUND POWER LEVEL (dBA)		54	54	60
DIMENSIONS (mm)	Width x Depth x Height	750 x 215 x 600	750 x 215 x 600	750 x 215 x 600
WEIGHT (kg)		14.5	14.5	15
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4
SUZ-M - OUTDOOR UNITS		SUZ-M25VAR2	SUZ-M35VAR2	SUZ-M50VAR2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	46 / 45	48 / 48	49 / 48
	Cooling	59	59	64
WEIGHT (kg)		30	35	41
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714
ELECTRICAL SUPPLY		220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
PHASE		Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.80 / 0.71	1.07 / 1.00	1.61 / 1.54
	Heating/Cooling (UK)	0.68 / 0.61	0.91 / 0.86	1.37 / 1.32
STARTING CURRENT (A)		3.7	5.0	8.0
SYSTEM RUNNING CURRENT (A)		3.7 / 3.0 [6.8]	5.0 / 4.1 [8.5]	8.0 / 7.1 [13.5]
FUSE RATING (BS88) - HRC (A)		10	10	20
MAINS CABLE No. CORES		3	3	3
MAX PIPE LENGTH (m)		20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	30
CHARGE REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R32 (GWP 675) - 7M		0.65 / 0.44	0.90 / 0.61	1.20 / 0.81
MAX ADDITIONAL REFRIGERANT (KG) / CO <sub>2</sub> EQUIVALENT (T) - R32 (GWP 675)		0.26 / 0.18	0.26 / 0.18	0.46 / 0.31

Outdoor Units



Accessories

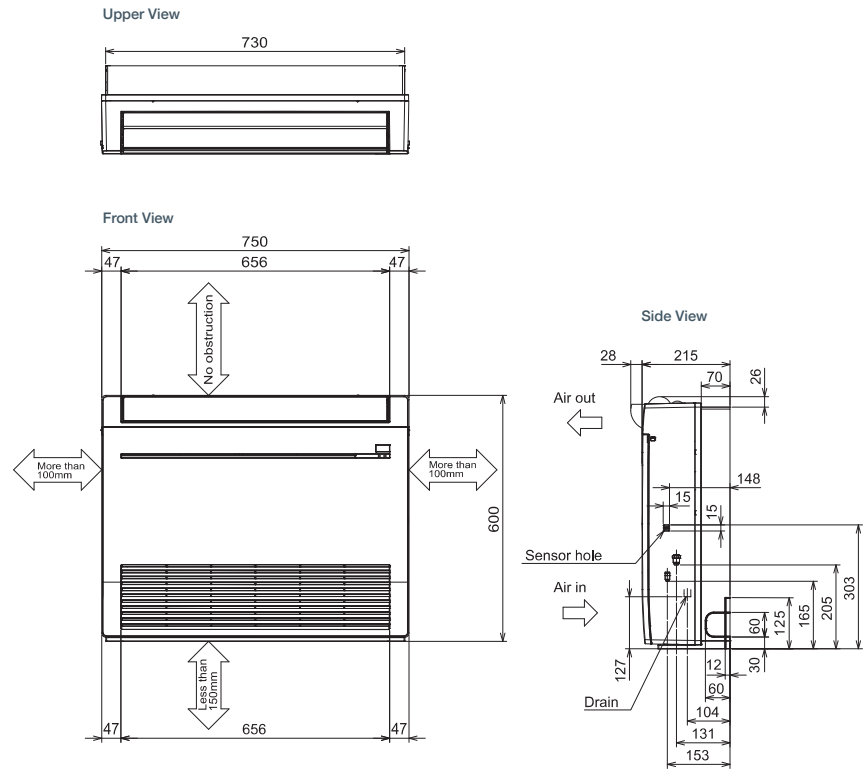
Outdoor Units

- MAC-881SG
Air outlet guide for SUZ-M25/35VAR2
- MAC-882SG
Air outlet guide for SUZ-M50VAR2

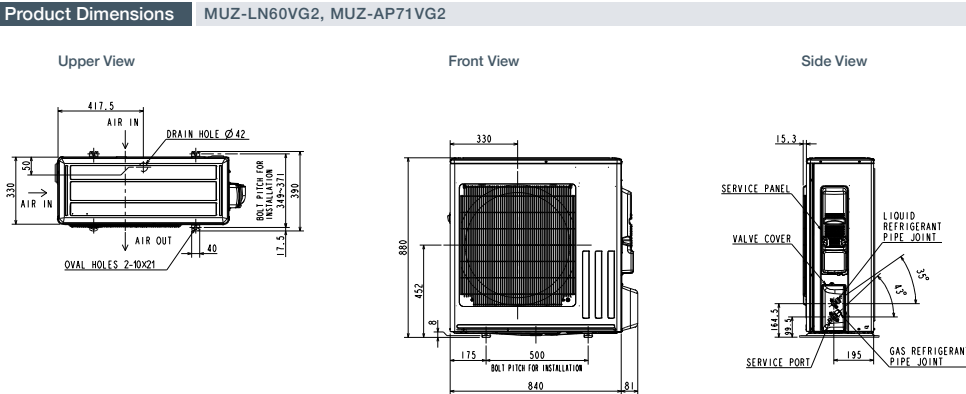
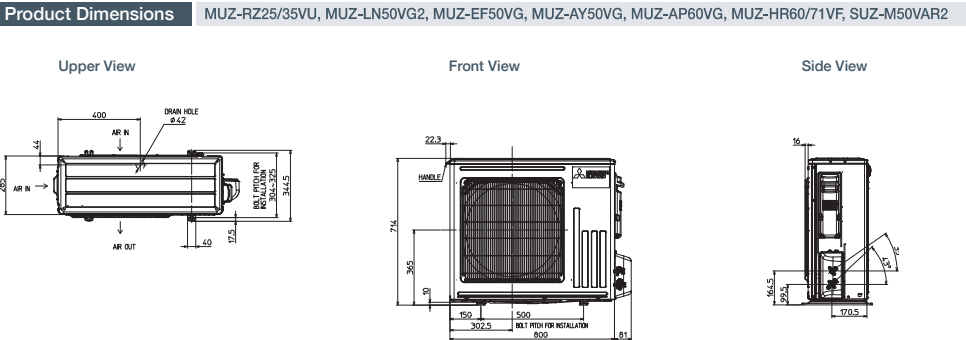
System Control Units

- PAR-CT01MAA-SB/PB
Touch screen wired remote controller (PB = Premium Finish)
- PAR-41MAA
Standard wired remote controller
- MAC-3341F-E
Interface for M-NET, MA remote controller (PAR-41MAA / PAR-CT01MAA), on/off input and run/fault output
- MAC-4971F-E
Interface for MA remote controller (PAR-41MAA / PAR-CT01MAA)
- MAC-5871F-E
Interface for connection to Wi-Fi MELCloud service
- MELCOBEMS MINI (A1M+)
Modbus and BACnet MSTP CN105 adaptor
- MELCORETAIL MINI
Retail control and input / output interface

Product Dimensions MFZ-KT25/35/50VG



Outdoor Units





# Split Residential air to air solutions

2025  
NEW

A update



## What should you know from your customer to advise him with the best residential solution?

### What is the best solution for your customer?

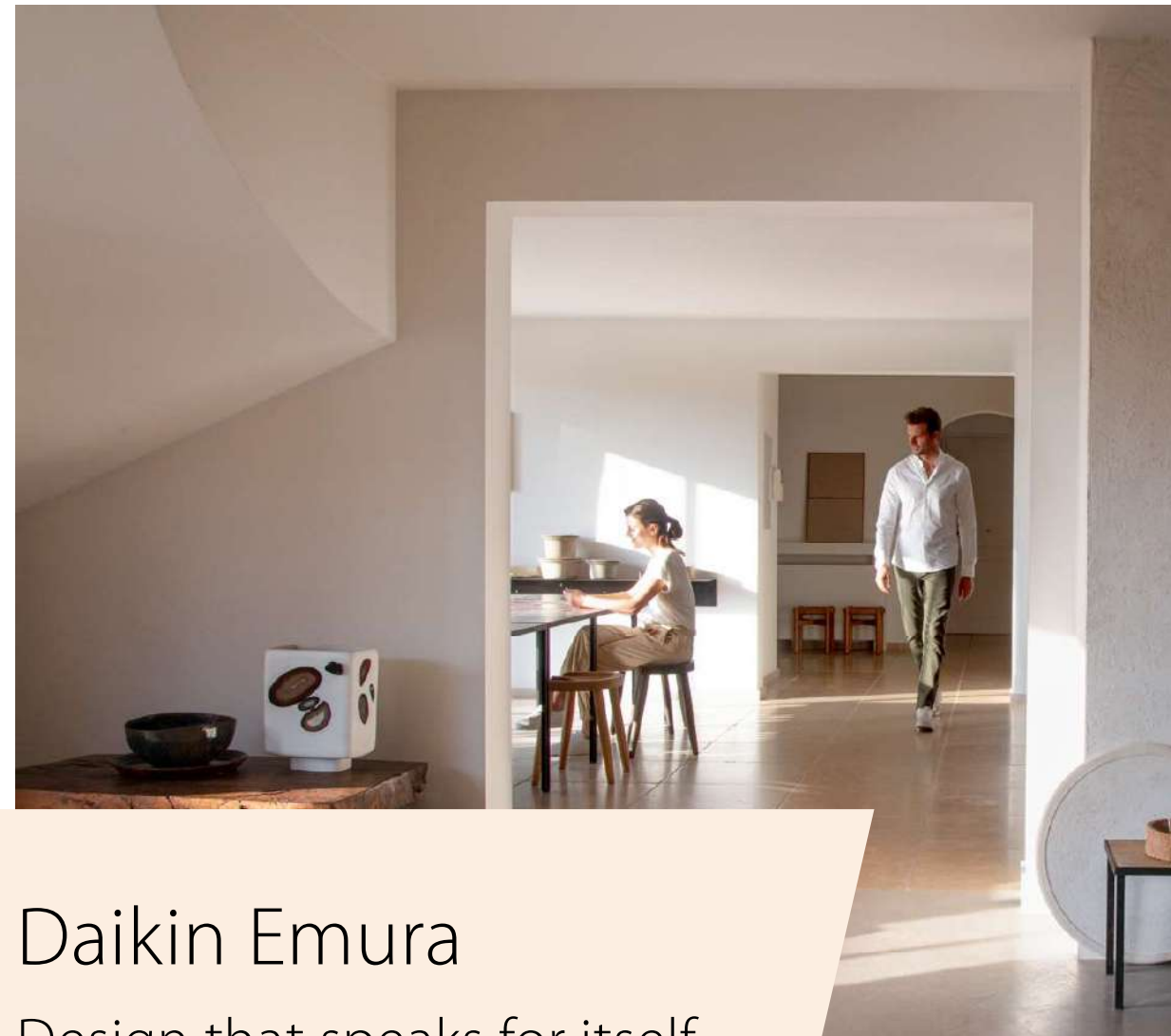
- The best solution for your customer is one which matches the requirements perfectly and is designed specifically for the house.
- Whether your customer is building a new house or renovating an old farm, Daikin offers specific solutions which optimise efficiency, depending on the size and layout.
- Combining heating, cooling, domestic hot water, with or without solar energy, anything is possible.

### What is the best solution for your customer?

- Type of house: Multi family house / single family house / new built / insulation level / m<sup>2</sup>
- Location of the house: city / country
- How many people live in the house?

### What does your customer want to do?





# Daikin Emura

## Design that speaks for itself

### Why choose Daikin Emura?

- Ultimate comfort, designed with the highest quality in mind... Its design speaks for itself: Daikin Emura pleases the eye and has a strong focus on comfort and user experience to improve your well-being at home.
- When you choose Daikin technology, you can count on year-round comfort, energy efficiency, reliability and control.



### High energy efficiency

Seasonal efficiency gives a more realistic indication on how efficient air-to-air heat pump operate over an entire heating or cooling season. The label includes multiple classifications from A+++ to G. Daikin Emura achieves high energy efficiencies:

- SEER up to
- SCOP up to

### Benefits

- Almost inaudible with sound levels down to 19 dBA
- 3D airflow
- Intelligent thermal sensor
- Heat boost
- Weekly timer
- Onecta app: always in control no matter where you are, including voice control
- Connectable to pair, multi and VRV



### Unique design

Silver, matt white and matt black, these are the three monochrome colours in which Daikin Emura is available.



The front panel of the remote control matches the colours of the indoor unit – the casing is anthracite grey to create a floating effect.



The outdoor unit comes in ivory white.



### Full connectivity

#### Onecta App

Control your system and enjoy maximum comfort just by using your voice. Using Amazon Alexa or Google Assistant, you can control the main functions such as the temperature setting, operating mode, fan speed and much more! (see page 347)

#### Residential Solutions Navigator (RSN)

Find your applicable solution in just a few clicks based on the number and size of the room. Calculate your savings with the Return on Investment calculator. (see page 341)

#### DCS Residential

From the professional portal, Installers can activate the remote monitoring allowing them to supervise your installation on multiple parameters, from their location. (see page 344)

### Comfort

#### Intelligent thermal sensor

Daikin Emura uses an intelligent thermal sensor to detect a room's current temperature. After determining the room temperature, the intelligent thermal sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm and cool air to areas that need it.

#### 3D airflow

Combines vertical and horizontal auto-swing to circulate a stream of warm or cool air right to the corners of even large spaces.

#### Inaudible to hear

Daikin Emura is almost inaudible with sound levels down to 19 dBA.

#### Coanda effect

By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

#### Heat boost

Daikin Emura quickly heats the room when starting up, ensuring the set temperature is reached faster.





Wall mounted unit

Design that speaks for itself

- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white, silver and black
- The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
- Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc.
- Onecta app: control your indoor from any location with an app, via your local network or internet
- Whisper quiet in operation; the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!
- Seasonal efficiency values up to A+++ in cooling and heating



Efficiency data				FTXJ + RXJ	20AW/S/B9 + 20A9	25AW/S/B9 + 25A9	35AW/S/B9 + 35A9	42AW/S/B9 + 42A9	50AW/S/B9 + 50A9	
Cooling capacity	Min./Nom./Max.			kW	1.30/2.00/2.60	1.30/2.50/3.20	1.40/3.40/4.00	1.7/4.2/5	1.7/5/5.3	
	Min./Nom./Max.			kW	1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.7/5.4/6	1.7/5.8/6.5	
Heating capacity	Min./Nom./Max.			kW	0.43	0.56	0.78	1.05	1.36	
	Min./Nom./Max.			kW	0.50	0.56	0.99	1.31	1.45	
Space cooling	Energy efficiency class									
	Capacity	Pdesign		kW	2.00	2.50	3.40	4.2	5	
	SEER				8.75	8.74	8.73	7.5	7.33	
	Annual energy consumption			kWh/a	80	100	136	196	239	
Space heating (Average climate)	Energy efficiency class									
	Capacity	Pdesign		kW	2.40	2.45	2.50	3.8	4	
	SCOP/A				5.15				4.6	
	Annual energy consumption			kWh/a	652	666	680	1,156	1,218	
Nominal efficiency	EER				4.70	4.46	4.37	3.99	3.68	
	COP				5.00		4.04	4.12	4	
	Annual energy consumption			kWh	213	280	389	526	679	
	Energy labeling Directive			Cooling/Heating			A/A			
Current - 50Hz	Maximum fuse amps (MFA)			A	10.00	13.00		13		
Indoor unit				FTXJ	20AW/S/B9	25AW/S/B9	35AW/S/B9	42AW/S/B9	50AW/S/B9	
Dimensions	Unit	HeightxWidthxDepth		mm	305x900x212					
Weight	Unit			kg	12					
Air filter	Type				Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min	4.6/6.0/8.4/11.0	4.6/6.0/8.6/11.4	4.6/6.0/8.6/11.8	4.6/7.2/9.5/13.0	5.2/7.6/10.4/13.5	
		Heating	Silent operation/Low/Medium/High	m³/min	4.6/6.4/8.7/11.1	4.6/6.4/9.0/11.3	4.6/6.4/9.0/11.7	5.2/7.7/10.5/14.4	5.7/8.2/11.1/15.0	
Sound power level	Cooling			dBA	57			60		
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/39	19/25/40	19/25/41	21/29/45	24/31/46	
	Heating	Silent operation/Low/High		dBA	19/25/39	19/25/40	19/25/41	21/29/45	24/33/46	
Control systems	Infrared remote control				ARC488A1W					
	Wired remote control				BRC073A1					
Outdoor unit				RXJ	20A9	25A9	35A9	42A9	50A9	
Dimensions	Unit	HeightxWidthxDepth		mm	552x840x350		734x954x408			
Weight	Unit			kg	33		49			
Sound power level	Cooling	Nom.		dBA	59		61		62	
	Heating	Nom.		dBA	59		61		62	
Sound pressure level	Cooling	Nom.		dBA	46		49		48	
	Heating	Nom.		dBA	47		49	48	49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10 ~50					
	Heating	Ambient	Min.~Max.	°CWB	-21 ~18					
Refrigerant	Type				R-32					
	GWP				675					
Piping connections	Charge				kg/CO2Eq	0.76/0.52		1.1/0.75		
	Liquid	OD			mm	6.35				
	Gas	OD			mm	9.5		12.7		
	Piping length	OU - IU	Max.	m	20		30			
	System	Chargeless			m	10				
	Additional refrigerant charge				kg/m	0.02 (for piping length exceeding 10m)				
Power supply	Level difference IU - OU			Max.	m	15		20		
Current - 50Hz	Phase/Hz/V				10	1~/50/220-240				

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | See separate drawing for electrical data | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | Contains fluorinated greenhouse gases



Daikin Emura black FTXJ-AB9



Simplified remote control



Daikin Emura white FTXJ-AW9



Daikin Emura silver FTXJ-AS9



Daikin Emura outdoor unit RXJ-A9





# Stylish

where innovation meets creativity



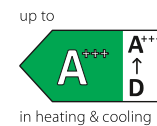
White FTXA-CW



Silver FTXA-CS



Black FTXA-CB



## Available in 3 colours

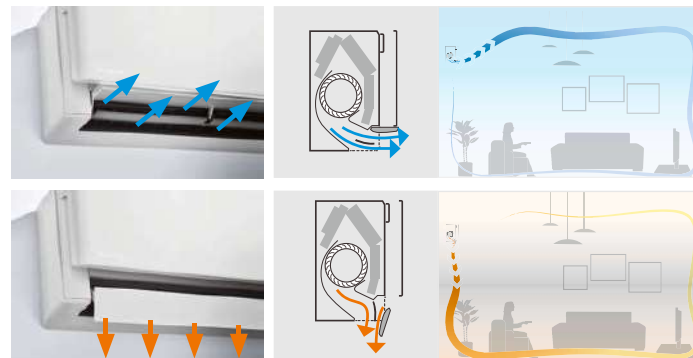
- Users can choose from **three distinct colours** (white, silver and black)
- Curved corners** create an unobtrusive and space-saving design
- Thin dimensions** make it the most compact design unit on the market
- Simple panel enables variation in texture and colour to easily blend into any room
- Award winning design: Stylish earned the Reddot award, the Good Design Award and iF award for its innovative look and functional capabilities



## The Coanda effect

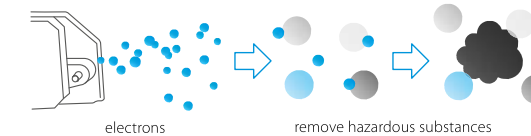
Already present in the Ururu Sarara, the **Coanda effect** optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room.

The Coanda effect creates two different airflow patterns depending on whether Stylish is in cooling or heating mode. On the top is the Coanda effect in cooling mode (ceiling airflow), while the bottom images demonstrate the Coanda effect in heating mode (vertical airflow).



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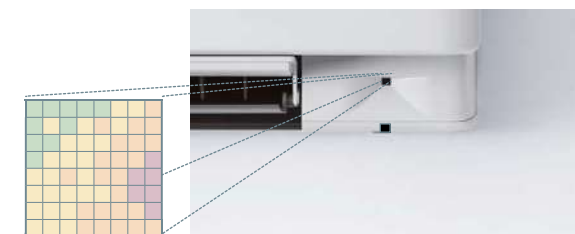
Flash streamer



## Air quality

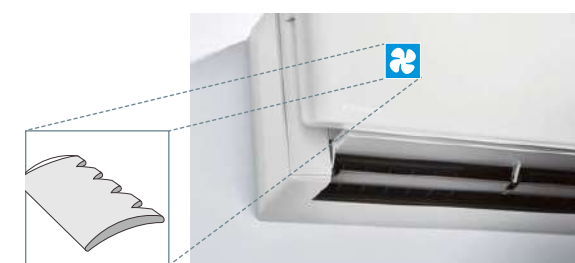
**Flash streamer:** using electrons to trigger chemical reactions with airborne particles, the Flash Streamer removes allergens such as pollen and fungal allergens, eliminating unpleasant odours and providing better, cleaner air.

**Static air filter:** The new air filter has been treated with an active (lonpure) substance in order to capture, reduce and remove bacteria and viruses.



## Intelligent thermal sensor

Stylish uses an **intelligent thermal sensor** to detect the surface temperature of a room to create a more comfortable climate. After determining the current room temperature, the sensor distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it.



## Quiet operation

Stylish uses a **specially designed fan** to optimise airflow for higher energy efficiency at low sound levels. To achieve higher energy efficiency, Daikin designed a fan that runs efficiently within Stylish's compact dimensions. Together, the fan and heat exchanger attain top energy performance but operate at a sound level that is practically inaudible to occupants.

## Full connectivity

### Onecta app

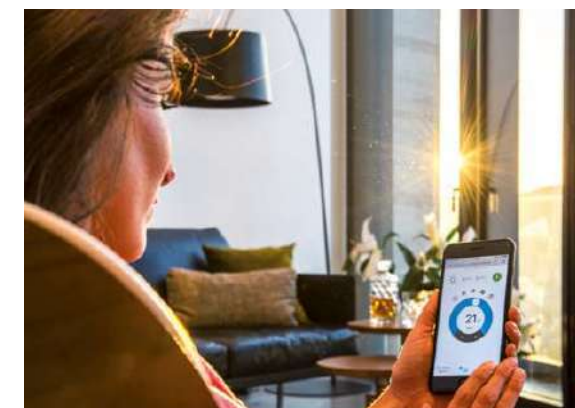
Control your system and enjoy maximum comfort just by using your voice. Using Amazon Alexa or Google Assistant, you can control the main functions such as the temperature setting, operating mode, fan speed and much more! (see page 347)

### Residential Solutions Navigator (RSN)

Find your applicable solution in just a few clicks based on the number and size of the room. Calculate your savings with the Return on Investment calculator. (see page 341)

### DCS Residential

From the professional portal, Installers can activate the remote monitoring allowing them to supervise your installation on multiple parameters, from their location. (see page 344)



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Wall mounted unit

Where innovation meets creativity

- A compact and functional design suitable for all interiors in a white, black and silver coloured elegant finish
- The Coanda effect optimises the airflow for a comfortable climate. By using specially designed flaps, a more focused airflow allows a better temperature distribution throughout the whole room
- The intelligent thermal sensor determines the current room temperature and distributes air evenly throughout the room before switching to an airflow pattern that directs warm or cool air to areas that need it
- Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- Onecta app: control your indoor from any location with an app, via your local network or internet.
- Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- Seasonal efficiency values up to A+++ in cooling and heating



															
		CTXA-CW	FTXA-CW	CTXA-CB	FTXA-CB	CTXA-CS	FTXA-CS	RXA-A8	RXA-B8						
Efficiency data		FTXA + RXA		CTXA15CW/S/B		20CW/S/B + 20A8		25CW/S/B + 25A8		35CW/S/B + 35A8		42CW/S/B + 42B8		50CW/S/B + 50B8	
Cooling capacity	Min./Nom./Max.	kW				1.30/2.00/2.60		1.30/2.50/3.20		1.40/3.40/4.00		1.7/4.2/5		1.7/5/5.3	
Heating capacity	Min./Nom./Max.	kW				1.30/2.50/3.50		1.30/2.80/4.70		1.40/4.00/5.20		1.7/5.4/6		1.7/5.8/6.5	
Power input	Cooling	Min./Nom./Max.		kW		0.27/0.43/0.63		0.27/0.56/0.78		0.31/0.78/1.04		~1.05 /-		~1.36 /-	
	Heating	Min./Nom.		kW		0.25/0.50/0.91		0.25/0.56/1.22		0.26/0.99/1.67		~1.31 /-		~1.45 /-	
Space cooling	Energy efficiency class														
	Capacity	Pdesign		kW		2.00		2.50		3.40		4.2		5	
	SEER					8.75		8.74		8.73		7.5		7.33	
Space heating (Average climate)	Annual energy consumption	kWh/a				80		100		136		196		239	
	Energy efficiency class														
	Capacity	Pdesign		kW		2.40		2.45		2.50		3.8		4	
Nominal efficiency	SCOP/A							5.15				4.6			
	Annual energy consumption	kWh/a				652		666		680		1,156		1,218	
	EER					4.70		4.46		4.37		3.99		3.68	
Current - 50Hz	COP							5.00		4.04		4.12		4	
	Annual energy consumption	kWh				213		280		389		526		679	
	Energy labeling Directive Cooling/Heating									A/A					
Maximum fuse amps (MFA)		A				10				13					
Indoor unit		FTXA		CTXA15CW/S/B		20CW/S/B		25CW/S/B		35CW/S/B		42CW/S/B		50CW/S/B	
Dimensions	Unit	HeightxWidthxDepth		mm		295x798x189				295x798x189					
Weight	Unit	kg		12				11.5							
Air filter	Type			Removable / washable				Removable / washable							
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min		4.6/6.1/8.2/11.0		4.6/6.1/8.2/11.0		4.6/6.1/8.6/11.5		4.6/6.1/8.6/11.9		4.6/7.2/9.8/13.1	
	Heating	Silent operation/Low/Medium/High	m³/min		4.5/6.4/8.7/10.9		4.5/6.4/8.7/10.9		4.5/6.4/9.0/11.1		4.5/6.4/9.0/11.5		5.2/7.7/10.5/14.6		5.7/8.2/11.1/15.1
Sound power level	Cooling	dB(A)		57		57		57		60		60		60	
Sound pressure level	Cooling	dB(A)		21/25/39		19/25/39		19/25/40		19/25/41		21/29/45		24/31/46	
	Heating	dB(A)		21/25/39		19/25/39		19/25/40		19/25/41		21/29/45		24/33/46	
Control systems	Infrared remote control			ARC466A58				ARC466A85							
	Wired remote control							BRC073A1							
Outdoor unit		RXA		20A8		25A8		35A8		42B8		50B8			
Dimensions	Unit	HeightxWidthxDepth		mm		550x840x350				734x954x401					
Weight	Unit	kg		32				49		62		62			
Sound power level	Cooling	Nom.		dB(A)		59.0		61.0		62		62			
	Heating	Nom.		dB(A)		59.0		61.0		62		62			
Sound pressure level	Cooling	Nom.		dB(A)		46.0		49.0		48		48			
	Heating	Nom.		dB(A)		47.0		49.0		48		48			
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10 ~46		-10 ~46							
	Heating	Ambient	Min.~Max.	°CWB		-15 ~18		-15 ~18							
Refrigerant	Type							R-32							
	GWP					675.0				675					
Piping connections	Charge	kg/CO2Eq				0.76/0.52				1.1/0.75					
	Liquid	OD		mm		6.35				6.4					
	Gas	OD		mm		9.50				9.5		12.7			
	Piping length OU - IU	Max.		m		20				30					
	Additional refrigerant charge	kg/m				0.02 (for piping length exceeding 10m)									
	Level difference IU - OU	Max.		m		15.0				20					
Power supply	Phase/Hz/V	Hz/V				1~/50/220-240									
Current - 50Hz	A	A				-				13					

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for operation range | Contains fluorinated greenhouse gases | See separate drawing for electrical data



Stylish silver FTXA-CS



Stylish white FTXA-CW



Stylish black FTXA-CB





All seasons, all-year-round comfort, efficiency, air purification, connectivity

perfera  
all seasons

Comfort+

Two flaps create a precise angle to make the airflow path narrower. This increases air velocity to ensure the air travels further. With its double flap system, the airflow is "squeezed" through the flaps acquiring greater velocity to travel upwards (avoiding cold airflow directly onto people).

Improvement over the single flap in the current model



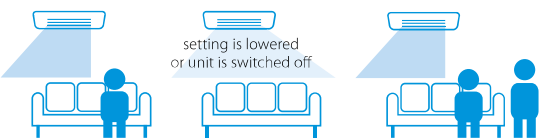
2 area motion detection sensor

Area motion detection sensor

Air direction: the motion detection sensor detect where persons are located in the room to direct the air away from them. Upon leaving the room, the unit goes into energy-saving mode.

Result

Perfect comfort and low-energy consumption









C/FTXM-A + RXM-A(9/8)

Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- Seasonal efficiency values up to A+++ in cooling and heating in pair and multi
- Comfort+: perfect comfort with homogeneous temperature throughout the room. The double flaps direct the air towards the ceiling in cooling and along the wall in heating.
- 2-area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (larger capacity area)
- Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- Onecta app: control your indoor from any location with an app, via your local network or internet.
- Quiet operation: down to 19dBA sound pressure level
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces



Quiet operation: down to 19dB(A) sound pressure level																							
3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces				FTXM-A		CTXM-A		FTXM-R		RXM-A9		RXM-A8		RXM-A									
Efficiency data				FTXM + RXM		CTXM15A		20A + 20A		25A + 25A9		35A + 35A9		42A + 42A		50A + 50A8		60A + 60A		71A + 71A			
Cooling capacity		Min./Nom./Max.		kW		Multi combination only		0.90/2.00/3.00		0.9/2.5/3.8		0.9/3.5/4.4		1.50/4.20/5.20		1.7/5/5.3		1.7/6/7		2.3/7.1/8.5			
Heating capacity		Min./Nom./Max.		kW				0.80/2.50/4.50		0.8/2.8/5		0.8/4/5.5		1.50/5.40/6.20		1.7/5.8/6.5		1.7/7/8		2.3/8.2/10.2			
Space cooling		Energy efficiency class						2.00		2.5		3.5		4.20		5		6		7.1			
		Capacity		Pdesign				kW		9.47		9.25		8.11		7.55		6.9		6.2			
		SEER																					
Annual energy consumption				kWh/a				74		92		132		181		232		304		401			
Space heating (Average climate)		Energy efficiency class																					
		Capacity		Pdesign				kW		2.30		2.4		2.5		4.00		4.5		4.8		6.2	
		SCOP/A								5.20		5.2		5.00		4.76		4.3		4.1			
		Annual energy consumption						kWh/a		619		647		673		1,120		1,326		1,562		2,116	
Indoor unit				FTXM		CTXM15A		20A		25A		35A		42A		50A		60A		71A			
Dimensions		Unit		HeightxWidthxDepth		mm				298x804x252						298x997x292							
Weight		Unit				kg				11.5						14.5							
Air filter		Type								Removable / washable													
Fan		Air flow rate		Cooling		Silent operation/Low/Medium/High		m³/min		4.9/6.3/8.9/11.9		4.6/7.1/9.4/13.2		5.0/7.2/9.8/13.3		5.9/7.8/10.4/12.7		8.6/11.2/13.4/15.6		9.3/11.4/13.6/15.8			
		Heating		Silent operation/Low/Medium/High		m³/min		4.9/6.9/9.2/11.4		5.1/6.9/9.4/11.1		5.3/7.1/10.0/14.0		6.9/8.6/11.5/14.5		10.5/11.8/14.6/15.9		11.2/12.3/15.3/17.3					
Sound power level		Cooling				dBA		54		58				60		59		61					
		Heating				dBA		53				60		59		61							
Sound pressure level		Cooling		Silent operation/Low/High		dBA		19/25/41		19/29/45		21/30/45		27/33/46		30/37/46		32/38/47					
		Heating		Silent operation/Low/High		dBA		20/26/39		20/27/39		20/28/39		21/29/45		31/34/46		33/36/45		34/37/46			
Control systems		Infrared remote control								ARC466A86													
		Wired remote control								BRC073A1													
Outdoor unit				RXM		CTXM15A		20A		25A9		35A9		42A		50A8		60A		71A			
Dimensions		Unit		HeightxWidthxDepth		mm				610x923x367				610x923x367		734x954x401							
Weight		Unit				kg		36				40		40		49		55					
Sound power level		Cooling		Nom.		dBA		58				61		61		63		66					
		Heating		Nom.		dBA		58				61		62		63		67					
Sound pressure level		Cooling		Nom.		dBA		46		47		48		48		48		47					
		Heating		Nom.		dBA		47		49				49		49		48					
Operation range		Cooling		Ambient		Min.~Max.		°CDB		-10 ~50				-10 ~50		-10 ~50		-10 ~46					
		Heating		Ambient		Min.~Max.		°CWB		-21 ~18				-21 ~18		-21 ~18		-15 ~18					
Refrigerant		Cooling		Ambient		Min.~Max.		°CDB		-20 ~24				-20 ~24		-20 ~24		-15 ~24					
		Heating		Ambient		Min.~Max.		°CWB															
Piping connections		Type								R-32				R-32		R-32							
		GWP								675				675		675							
Charge		kg/tCO2Eq								0.95/0.65				0.95/0.65		1.15/0.78							
		Liquid		OD		mm		6.4				6.4		6.4		6							
Gas		OD		mm		9.5						12.5		12.5		12.7		15.9					
		Piping		OU - IU		Max.		m		20		30		30		30							
length		System		Chargeless		m		10						10		10							
		Additional refrigerant charge				kg/m		0.02 (for piping length exceeding 10m)						0.02 (for piping length exceeding 10m)		0.02 (for piping length exceeding 10m)							
Power supply		Level difference		IU - OU		Max.		m		15		20		20		20							
		Phase/Hz/V								1~/50/220-240				1~/50/220-240		1~/50/220-240							
Current - 50Hz		A								10		13		13		16		20					

(1) See separate drawing for operation range | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | See separate drawing for electrical data | Contains fluorinated greenhouse gases | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m | Heating: indoor temp. 20°CDB, outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m





## FTXP-N(9) / RXP-N(9) comfora



### Wall Mounted Unit

Wall mounted unit for low energy consumption and all round comfort

- Seasonal efficiency values up to A++ in cooling and heating
- Residential Controller App:** Connect to wifi and control your Comfora system, or monitor your energy usage from anywhere on the Onecta Mobile app
- Voice control through Amazon Alexa and Google Assistant
- Quiet in operation down to 19 dBA
- Choosing an R-32 product, reduces the environmental impact by 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Econo mode:** Decreases power consumption so that other appliances that need large power consumption can be used. This function can also be used for energy saving.
- Indoor unit silent operation:** "Silent" button on the remote control lowers the operation sound of the indoor unit by 3dB(A)
- Indoor air quality:** Utilising both; Titanium apatite deodorising filters, to remove unwanted odours and Silver allergen filters to remove pesky pollen and pollutant particles to deliver cleaner, healthier air
- Night set mode:** To prevent Comfora from emitting light, excessive sound and draughts whilst you sleep



FTXP20-35N



RXP20-35N



BRC073 (optional)



ARC480A78 (class 20-35)  
ARC480A53 (class 50-71)



WI-FI ADAPTOR  
INCLUDED AS STANDARD



## FTXP-N(9) / RXP-N(9)

Indoor Units		FTXP20N9	FTXP25N9	FTXP35N9	FTXP50N	FTXP60N	FTXP71N
Capacity	UK Total Cooling	kW	1.95	2.44	3.42	4.89	6.93
	UK Sensible Cooling	kW	1.69	1.94	2.49	3.42	4.73
	Nominal Cooling	kW	2.0	2.5	3.5	5.0	7.1
	Nominal Heating	kW	2.5	3.0	4.0	6.0	8.2
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++	A++
	Pdesign	kW	2.0	2.5	3.5	5.0	7.1
	SEER		7.20	7.20	7.20	7.30	6.82
	Annual Energy Consumption kWh		97	121	170	240	308
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A+	A+	A+
	Pdesign	kW	2.2	2.4	2.8	4.6	4.8
	SCOP		4.65	4.61	4.64	4.40	4.10
	Annual Energy Consumption kWh		663	728	845	1463	1638
Air Flow Rate (Cooling)	High / Med / Low / Silent	m <sup>3</sup> /min	9.6 / 7.5 / 5.6 / 4.4	9.9 / 7.5 / 5.8 / 4.4	11.5 / 8.3 / 6.3 / 4.5	16.3 / 14.0 / 11.5 / 8.3	16.8 / 14.4 / 11.8 / 9.2
	Width	mm	286	286	286	295	295
Dimensions	Height	mm	770	770	770	990	990
	Depth	mm	225	225	225	263	263
Weight		kg	8.5	8.5	9	13.5	13.5
RAL Colour			RAL 9002	RAL 9002	RAL 9002	RAL 9002	RAL 9002
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	39 / 33 / 25 / 19	40 / 33 / 26 / 19	43 / 34 / 27 / 20	43 / 39 / 34 / 27	45 / 41 / 36 / 30
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	39 / 34 / 28 / 21	40 / 34 / 28 / 21	40 / 35 / 29 / 21	42 / 38 / 33 / 30	44 / 40 / 35 / 32
Sound Power (Cooling)		dBA	55	55	58	59	60

Outdoor Units		RXP20N9	RXP25N9	RXP35N9	RXP50N9	RXP60N9	RXP71N9
Dimensions	Height x Width x Depth	mm	556 X 740 X 343	556 X 740 X 343	556 X 740 X 343	734 x 954 x 401	734 x 954 x 401
Weight		kg	24	24	24	46	50
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	7.99	7.99	9.20	14.50	15.70
	Max Fuse Size	A	16	16	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	20	30	30
	Maximum Vertical Rise	m	12	12	12	20	20
	Precharged to	m	10	10	10	10	10
	Additional charge	g/m	20	20	20	20	20
	Holding charge	kg	0.55	0.55	0.70	0.90	1.15
Sound Pressure (Cooling)	Nominal	dBA	46	46	48	47	49
Sound Pressure (Heating)	Nominal	dBA	47	47	48	49	52
Sound Power (Cooling)		dBA	61	61	62	61	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 48	-10 / 48	-10 / 48	-10 / 48	-10 / 48
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /min	27.6	27.6	28.2	41.0	45.5

### Accessories:

Accessory Ref	Description
BRC073*	Wired remote control - connection cable required - needs KRP980A1 for class 20-35
KRP980A1	PCB Interface adaptor required for BRC073 (only sizes 2.0kW, 2.5kW and 3.5kW)
BRCW901A03	3m extension cord required for wired remote controller BRC073
BRCW901A08	8m extension cord required for wired remote controller BRC073
K.CWB90-2	Wall bracket (90kg, 500mm support arm)
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm
K.CG5	Condensing unit guard (750 x 1050 x 460)
K.CGM	Condensing unit guard (1150 x 1150 x 650)
KLIC-DDV3*	KNX interface for Split type systems
KRP413A1S	Adaptor PCB for remote on/off control - constant/pulse contact
KRP928A2S*	Adaptor PCB for interface to Daikin centralised control systems
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions

### Notes & Features:

- Class 20-35 fan coils are supplied with IR remote controller ARC480A78; class 50-71 fan coils use IR remote controller ARC480A53
- Whisper-quiet in operation down to 19 dBA with 'Silent Mode' operation
- Wifi adaptor included as standard
- The unit's compact dimensions make it ideal for renovation projects, especially for above door installation
- Space-saving contemporary wall-mounted design
- Can be connected to MXM & MWXM multi split systems (sizes 20-35)
- 3-D air flow combines vertical and horizontal auto swing to circulate

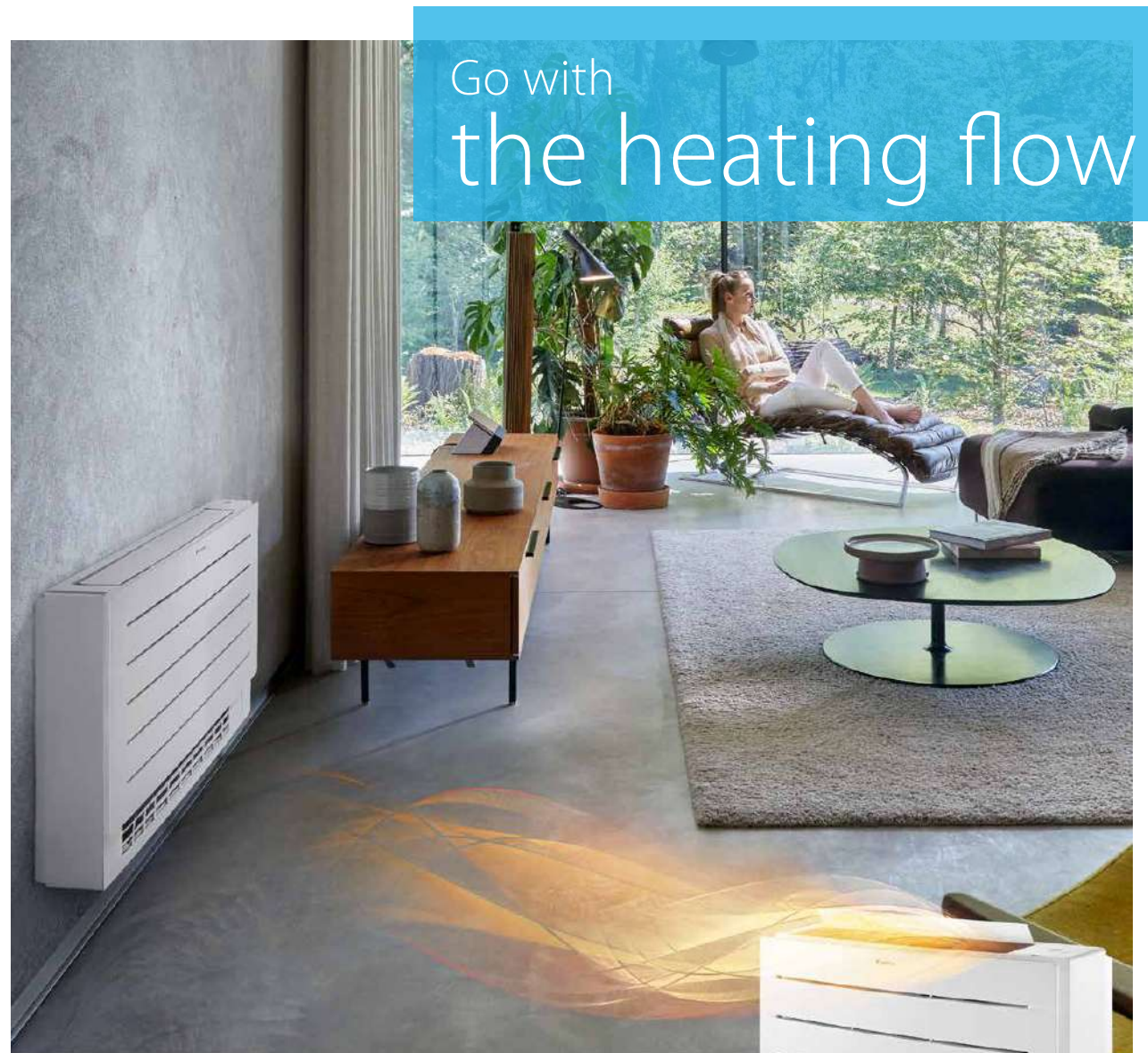
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FSC

Daikin Airconditioning UK Limited The Heights Brooklands Weybridge Surrey KT13 0NY Tel 01932 879000 [daikin.co.uk](http://daikin.co.uk)



## NEW Perfera floor-standing unit

Find out more at [www.daikin.co.uk](http://www.daikin.co.uk)

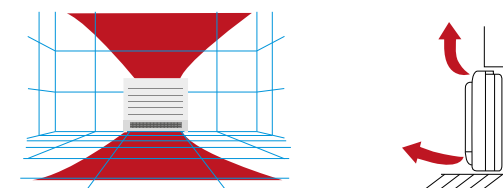
## Intelligent powerful - quiet



### Comfortable: Dual airflow

(easier individual control of airflow)

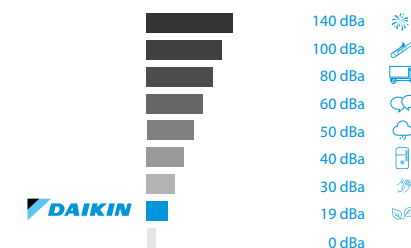
The dual airflow of the Perfera floor-standing unit is perfect for creating the ideal level of heating. Air is directed both upwards and downwards to deliver even air distribution. When the Perfera is in heat mode, your feet stay warm and the temperature throughout the room is evenly distributed, guaranteeing maximum comfort. Sheer bliss!



### Silent operation

Perfera uses a specially designed fan that optimises airflow and creates high energy efficiency at low sound levels. For even higher energy efficiency, Daikin has also designed a new fan that fits snugly into Perfera's compact dimensions.

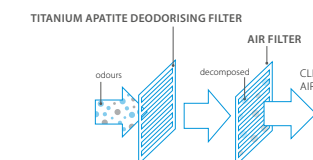
Together, the fan and heat exchanger produce top energy performance, yet operate at a sound level that is practically inaudible. Shhh!



### Air quality

#### Flash streamer/ titanium apatite deodorising filter

The flash streamer uses electrons to trigger chemical reactions with airborne particles. This removes allergens such as pollens and fungal spores, and provides better, cleaner air. At the same time, the titanium apatite deodorising filter works hard to combat smells such as tobacco smoke and pets.



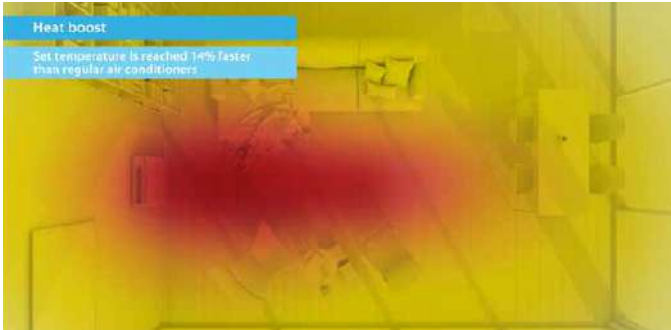




## Three unique heating features

### Heat boost

Heat boost quickly heats up your home when starting up your air conditioner. The set temperature is reached 14% faster\* than with a regular air conditioner (pair only).



\*Heat Plus test condition: 50 class, outdoor temperature 2°C - Indoor temperature 10°C, R/C setting 23°C

### Floor warming

The floor warming function optimises convection by distributing hot air from the bottom of the unit.



### Heat plus

The heat plus function provides comfortable heating by simulating radiant heat for 30 minutes. Afterwards, the previous settings are activated.



## Perfera for optimal heating comfort thanks to High energy efficiencies

### perfera BLUEEVOLUTION FVXM-A9 + RXM-R9



Indoor Units			CVXM20A9	FVXM25A9	FVXM35A9	FVXM50A9
Capacity	UK Total Cooling	kW	Multi Combinations Only	2.35	3.32	4.86
	UK Sensible Cooling	kW		1.71	2.22	3.55
	Nominal Cooling	kW		2.4	3.4	5.0
	Nominal Heating	kW		3.4	4.5	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A++	A++
	Pdesign	kW		2.4	3.4	5.0
	SEER			8.55	8.11	7.30
	Annual Energy Consumption kWh			98	147	240
Seasonal Efficiency (EN14825) HEATING	Energy Label			A++	A++	A+
	Pdesign	kW		2.3	2.8	4.1
	SCOP			4.65	4.63	4.31
	Annual Energy Consumption kWh			692	847	1330
Air Flow Rate (Cooling)	High / Med / Low / Silent	m³/sec	0.145 / 0.117 / 0.082 / 0.068	0.145 / 0.117 / 0.082 / 0.068	0.153 / 0.117 / 0.082 / 0.068	0.193 / 0.150 / 0.110 / 0.090
Dimensions	Height	mm	600	600	600	600
	Width	mm	750	750	750	750
	Depth	mm	238	238	238	238
Weight		kg	17	17	17	17
Sound Pressure (Cooling)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 22	38 / 32 / 25 / 20	39 / 32 / 25 / 20	44 / 38 / 31 / 27
Sound Pressure (Heating)	High / Med / Low / Silent	dBA	38 / 32 / 25 / 21	38 / 32 / 25 / 19	39 / 32 / 25 / 19	46 / 40 / 35 / 29
Sound Power (Cooling)		dBA	52	52	53	61

Outdoor Units			RXM25R9	RXM35R9	RXM50R
Dimensions	Height x Width x Depth	mm	552 x 840 x 340	552 x 840 x 340	734 x 954 x 401
Weight		kg	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		9.54	9.58	14.04
	Max Fuse Size	A	13	13	16
Interconnection Wiring	Core / Cable size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	20	30
	Maximum Vertical Rise	m	15	15	20
	Precharged to	m	10	10	10
	Additional Charge	g/m	20	20	20
	Holding Charge	kg	0.76	0.76	1.15
			46	49	48
Sound Pressure (Cooling)	Nominal	dBA	47	49	49
Sound Pressure (Heating)	Nominal	dBA	59	61	62
Sound Power (Cooling)		dBA	-10 / 50	-10 / 50	-10 / 50
Operating Range (Cooling)	Min / Max	°CDB	-15 / 18	-15 / 18	-15 / 18
Operating Range (Heating)	Min / Max	°CWB	0.472	0.600	0.777
Air Flow Rate (Cooling)	Nominal	m³/sec			
Meets ETL criteria			•	•	•

## Accessories

Accessory Ref	Description
EKR521	Wire harness for new S21 port for all marked (*) options
BRC073*	Wired remote Control - Connection cable required
BRCW901A03	3m extension cord required for wired remote control BRC073
BRCW901A08	8m extension cord required for wired remote control BRC073
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems
KLIC-DDV3*	KNX interface for Split type systems
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions
K.CWB90-2	Wall bracket (90kg, 500mm support arm)
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm
K.CG5	Condensing unit guard (750 x 1050 x 460)
K.CGM	Condensing unit Guard (1150 x 1150 x 650)

## Notes & Features

- › Wired controller, KLIC-DDV3 and RTD-RA options cannot be combined
- › Wireless remote controller with 7-day weekly timer
- › Night set mode
- › Powerful operation
- › Dry programme: reduces humidity in the rooms without variations in internal temperature
- › Heat boost function to reach set point quicker during start-up
- › Heat+ warms up room for 30min via radiation at low fan speed
- › Floor warming function to provide even heat distribution up to 3.5m distance
- › Connectable with all MXM-A9 multis only due to integrated leak sensor
- › Can be connected with R410A Mini VRV using BPMK boxes





# SEIYA

EXPERIENCE THE SOUND OF SILENCE

**TOSHIBA**

 **Better Air Solutions**

## SEIYA SILENCE IS GOLDEN

SEIYA is a silent solution that uses the new Toshiba Inverter and compressor technologies with R32 to offer A++ cooling and heating performances, leading to true energy savings and year-round comfort.

### Welcome to A++ energy class

SEIYA's performance/price ratio makes it a unique product on the market. The range boasts A++ cooling and A++ heating performances, which means optimal comfort with extra-low energy consumption.

### The sound of silence

Toshiba is constantly innovating to guarantee air conditioning excellence in line with users' expectations. To reduce noise and improve comfort, SEIYA's Silent function halves the sound level of the outdoor unit, while its Quiet function reduces noise from the indoor unit to give you a good night's sleep.

### Everyday comfort

SEIYA has been designed with maximum comfort in mind. It offers exclusive features and high performance making everyday comfort a reality for all.





## TREAT YOURSELF TO JAPANESE QUALITY



### Design and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment. These powerful values are at the heart of everything we do at Toshiba.

For over 50 years, Toshiba has been providing its clients with the guaranteed precision and expertise of flawless Japanese quality.

### Toshiba's innovative inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while eliminating the risk of incidental noise.

Toshiba, Inverter Technology allows the SEIYA to regulate heating and cooling capacity at all times, by adjusting the compressor speed to demand.



## SEIYA COMFORT UNLIMITED

### Quiet mode for peaceful life

The indoor unit will operate at the lowest noise level. It shifts to super-low fan speed, thereby reducing the sound of the indoor unit by 3dB(A) compared with low power operation.

 Ultra-quiet system down to **19dB(A)**

 Silent operation down to **42dB(A)**

### Silence anywhere

The SEIYA unique Silent Operation mode allows the user to reduce the outdoor noise level to ensure your neighbors will have an uninterrupted good nights sleep.

From a touch of the remote control, you can decrease the sound pressure level of the outdoor unit by -5dB(A), prioritizing minimum outdoor sound level Vs fast cooling capacity demand.



# MAKE YOUR AIR CONDITIONER SMART

Enhance your  
comfort at home  
or away

Customise your comfort, finding the perfect cooling or heating level for your family at any time, no matter where you are. When at home, simply replace your infrared remote control with the optional wireless adapter and its intuitive smart app. This also gives you easy access to your air conditioner on the move, allowing you to adapt your comfort to your lifestyle!



- Energy monitoring
- Smart speaker voice control functions compatible with Google Home Assistant & Amazon Alexa



# BETTER AIR SOLUTIONS FOR BETTER WORLD



At Toshiba, we've always made sure our projects and objectives are designed with a better future in mind. Now, more than ever, attitudes are changing as technology continues to revolutionise our world. We don't simply follow or adapt to them; we predict them. That's why the new generation of Toshiba air conditioners uses the refrigerant R32 with low global warming potential.

Created by TOSHIBA - INVERTER TECHNOLOGY

SEER up to <b>7.0</b>	SCOP up to <b>4.6</b>	Noise pressure level IDU down to <b>19 dB(A)</b>
--------------------------	--------------------------	---

7 sizes covering  
1.5 to 6.5 kW (Cooling)  
2.0 to 7.0 kW (Heating)

 **A++**  
in cooling  
and heating





INDOOR  
AIR QUALITY

**Ultra-Fresh filter** captures up to 85% of PM2.5 creating healthy living spaces at home.<sup>(1)</sup>

- PM2.5 refers to particulate matters coming from atmospheric pollution that have a diameter of less than 2.5 micrometers.
- Studies have found a close link between exposure to fine particles and lung disease or worsen chronic disease.

(1) Nantong dell purification equipment factory Co., Ltd.

CONTROL SOLUTIONS  
for well-being on demand**Preset**

Store your desired settings and activate them at the touch of a button.

**Operating Mode**

Select from Auto Changeover, Cooling, Drying (dehumidification), Heating.

**Fix & Swing**

Select your optimum airflow from a range of Fixed and Swing louver positions.

**Silent CDU #1 & #2**

Toshiba's unique noise reduction function of outdoor unit for your neighbourhood comfort.

**8°C**

Protect your home and contents from freezing temperatures while you are away.

**Comfort sleep**

For optimum comfort, set the temperature to rise by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning.

**Fan**

Control your airflow with five fan speeds or select Auto Fan Speed to let your air conditioner do the thinking.

**Quiet mode**

Can be activated by pressing the fan button to reduce the fan speed and the sound level of the indoor unit.

**High Power**

Extra airflow to rapidly reach your desired temperature setting.

**Eco**

To reduce energy consumption by shifting setting temperature.

**On demand defrost**

On-demand defrost function ensures the unit can be used in even the most extreme conditions, clearing ice at the touch of the remote control button.

**On-Off timer**

Toshiba remote control provides a very convenient automatic start & stop operations, programmable for 0.5, 1.0, 1.5, ..., 9, 10, 11, 12 hours.

**Wired solution**

Connectable function to address light commercial applications.

**SEIYA - R32 Performance data**

Outdoor unit			RAS-05E2AVG-E	RAS-07E2AVG-E	RAS-10E2AVG-E	RAS-13E2AVG-E	RAS-16E2AVG-E	RAS-18E2AVG-E	RAS-24E2AVG-E
Indoor unit			RAS-B05E2KVG-E	RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-B18E2KVG-E	RAS-B24E2KVG-E
Cooling capacity	kW	C	1.5	2.0	2.5	3.3	4.2	5.0	6.5
Cooling range (min. - max.)	kW	C	(0.75 - 2.00)	(0.76 - 2.60)	(0.80 - 3.00)	(1.20 - 3.60)	(1.40 - 4.70)	(1.45 - 5.50)	(1.70 - 7.20)
Pdesignc	kW	C	1.5	2.0	2.5	3.3	4.2	5.0	6.5
EER	W/W	C	4.17	3.77	3.57	3.00	3.31	3.33	2.89
SEER		C	6.9	6.9	7.0	7.0	7.0	7.0	6.9
Energy efficiency class		C	A++	A++	A++	A++	A++	A++	A++
Seasonal electricity consumption	kWh/a	C	76	101	125	165	210	250	330
Heating capacity	kW	H	2.0	2.5	3.2	3.6	5.0	5.4	7.0
Heating range (min. - max.)	kW	H	(0.80 - 3.00)	(0.82 - 3.30)	(0.95 - 3.90)	(0.97 - 4.50)	(1.30 - 6.00)	(1.35 - 6.00)	(1.50 - 8.10)
Pdesignh (Tbiv-7°C)	kW	H	1.6	2.0	2.4	2.7	3.6	3.8	5.4
COP	W/W	H	4.26	3.91	3.72	3.91	3.73	3.60	3.33
SCOP		H	4.6	4.6	4.6	4.6	4.6	4.4	4.3
Energy efficiency class		H	A++	A++	A++	A++	A++	A+	A+
Seasonal electricity consumption	kWh/a	H	487	609	730	822	1095	1209	1757

**SEIYA - R32 Physical data indoor**

Indoor unit			RAS-B05E2KVG-E	RAS-B07E2KVG-E	RAS-B10E2KVG-E	RAS-B13E2KVG-E	RAS-B16E2KVG-E	RAS-B18E2KVG-E	RAS-B24E2KVG-E
Sound pressure level (high/quiet)	dB(A)	C	37/19	38/19	39/19	41/20	43/21	47/26	48/29
Sound power level (high)	dB(A)	C	50	51	52	54	56	60	61
Air flow (high)	m³/h - l/s	C	480 - 134	500 - 140	510 - 142	540 - 152	750 - 208	790 - 222	1070 - 298
Sound pressure level (high/quiet)	dB(A)	H	37/19	38/19	39/20	42/20	43/22	48/26	48/29
Sound power level (high)	dB(A)	H	50	51	52	55	56	61	61
Air flow (high)	m³/h - l/s	H	480 - 134	500 - 140	510 - 144	560 - 158	760 - 213	840 - 233	860 - 234
Dimensions (HxWxD)	mm		288x770x225	288x770x225	288x770x225	288x770x225	293x798x230	293x798x230	320x1050x250
Weight	kg		9	9	9	9	9	9	15

**SEIYA - R32 Physical data outdoor**

Outdoor unit			RAS-05E2AVG-E	RAS-07E2AVG-E	RAS-10E2AVG-E	RAS-13E2AVG-E	RAS-16E2AVG-E	RAS-18E2AVG-E	RAS-24E2AVG-E
Sound pressure level (high)	dB(A)	C	47	47	47	48	50	50	54
Sound pressure level (Silent CDU#2)	dB(A)	C	42	42	43	43	43	44	49
Sound power level (high)	dB(A)	C	60	60	60	61	63	63	67
Sound power level (Silent CDU#2)	dB(A)	C	55	55	56	56	56	57	62
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46	-15 ~ 46
Sound pressure level (high)	dB(A)	H	48	49	49	49	51	51	54
Sound pressure level (Silent CDU#2)	dB(A)	H	42	42	43	43	45	46	49
Sound power level (high)	dB(A)	H	61	62	62	62	63	64	67
Sound power level (Silent CDU#2)	dB(A)	H	55	55	56	56	58	59	62
Operating range	°C	H	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (HxWxD)	mm		530x660x240	530x660x240	530x660x240	530x660x240	550x780x290	550x780x290	550x780x290
Weight	kg		21	21	22	22	30	34	38
Compressor type			DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2	2	2	2	2
Maximum pipe length	m		15	15	15	15	20	20	20
Maximum height difference	m		12	12	12	12	12	12	12
Chargeless pipe length	m		15	15	15	15	15	15	15
Remote controller			WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE	WH-TG01NE
Refrigerant charge (R32)	kg		0.34	0.34	0.49	0.54	0.68	0.93	1.18
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

C: cooling mode  
H: heating mode



TOSHIBA Air Conditioning participates in the ECP program for Comfort Air Conditioners (AC). Check ongoing validity of certificate: [www.eurovent-certification.com](http://www.eurovent-certification.com)



Better Air Solutions





**TOSHIBA**

 **Better Air Solutions**

# WELCOME TO A+++ ENERGY CLASS

SHORAI™ Edge has been designed to offer optimal comfort in A+++ heating and cooling modes leading to true energy savings.

## Give yourself the A+++ treatment

The SHORAI Edge offers very high part load efficiencies thanks to its triple A energy label for both heating and cooling.

## Silence is golden

Toshiba is constantly innovating to provide air conditioning excellence in line with users' expectations. To reduce noise and improve comfort, SHORAI Edge's Silent functions halves the sound level of the outdoor unit while its Quiet function reduces noise from the indoor unit to give you a good night's sleep.

## Toshiba Ultra Pure Filter PM2.5 purification

PM2.5 refers to particulate matter coming from atmospheric pollution that have a diameter of less than 2.5 micrometers.

- Studies have found a close link between exposure to fine particles and lung disease or worsening chronic disease<sup>(1)</sup>.
- The Toshiba Ultra Pure filter captures up to 94% of PM2.5, creating healthy living spaces at home<sup>(2)</sup>.

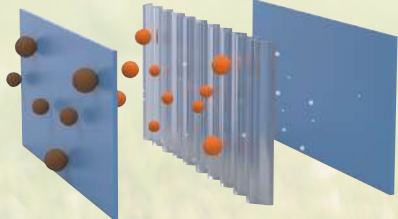
## Toshiba's innovative inverter technology

Toshiba's Rotary Compressor technology combines exemplary performance with outstanding reliability whilst Inverter technology allows the SHORAI Edge to regulate heating and cooling capacity at all times.

## Design and reliability



Innovation, efficiency, high reliability, energy savings, environmental sustainability. These powerful values are at the heart of everything we do at Toshiba.

For over 50 years, Toshiba has been providing its clients with the precision and expertise of flawless Japanese quality.



<sup>(1)</sup> <https://www.health.ny.gov/environmental/>  
<sup>(2)</sup> Nantong deli purification equipment factory Co. Ltd.

### Inverter Air Conditioner Technology invented by Toshiba

SEER up to <b>8.6</b>	SCOP up to <b>5.1</b>	<b>7 sizes covering</b> 2.0 to 7.0 kW (Cooling) 2.5 to 8.0 kW (Heating)
 <b>CDU down to 38 dB(A)</b>	 <b>IDU down to 19 dB(A)</b>	







# SHORAI EDGE BLACK

## SMART CONTROL

A matching stylish remote controller will complete the look of your SHORAI Edge Black.



## DESIGN

The clean dark design of SHORAI Edge Black brings elegance to your interior.

## CONNECTIVITY

Thanks to its integrated WiFi module, take control of your SHORAI Edge with any of your mobile devices.

# SOLUTION FOR YOUR WELL-BEING

Designed to maximize your comfort. Toshiba offers remote functions that make everyday life simpler.

### Hada Care

Set louver position to homogenize room temperature and generate indirect air flow to help maintain skin moisture.

### 3D Airflow

The unit boasts a 3D smart airflow system with independent louvers for better comfort.

### Silent Operation (outdoor unit)

Toshiba's unique noise reduction function of outdoor unit down to 6dB(A) for your neighborhood comfort.

### 8°C Heating

Protects your home from freezing temperatures while you are away, making it the perfect choice in winter.

### Fireplace in Heating Mode

Toshiba's unique fireplace mode provides optimum diffusion of heat from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even when the compressor is switched off.

### On-demand Defrost

In certain extreme conditions, you can manually defrost at any time by pressing MENU button for 5 seconds.

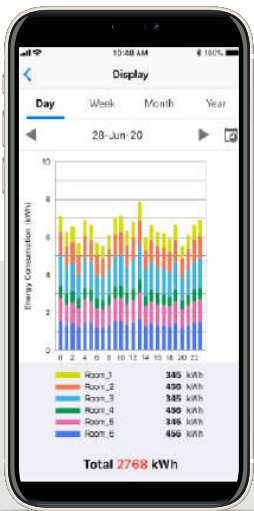




MAKE YOUR AIR  
CONDITIONER  
SMART

Enhance your  
comfort at home  
or away

Customise your comfort, finding  
the perfect cooling or heating  
level for your family at any time,  
no matter where you are. When  
at home, take advantage of the  
embedded wireless adapter and  
its intuitive app.



- Energy monitoring
- Smart speaker voice  
control functions compatible with  
**Google Home Assistant  
& Amazon Alexa**



SHORAI EDGE BLACK & WHITE R32 - Performance data

Outdoor unit		RAS-07J2AVSG-E1	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E1	RAS-22J2AVSG-E1	RAS-24J2AVSG-E1
Indoor unit (white)		RAS-B07G3KVS-G-E	RAS-B10G3KVS-G-E	RAS-B13G3KVS-G-E	RAS-B16G3KVS-G-E	RAS-B18G3KVS-G-E	RAS-B22G3KVS-G-E	RAS-B24G3KVS-G-E
Indoor unit (black)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Cooling capacity	kW	2.0	2.5	3.5	4.6	5.0	6.1	7.0
Cooling range (min. - max.)	kW	(0.89 - 2.90)	(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)	(1.20 - 6.00)	(1.39 - 6.70)	(1.70 - 7.70)
EER	W/W	5.13	4.63	3.89	3.41	3.52	3.07	3.11
SEER		8.5	8.6	8.6	7.8	7.3	7.3	6.3
Energy efficiency class		C	A+++	A+++	A+++	A++	A++	A++
Seasonal electricity consumption	kWh/a	82	102	142	206	242	292	389
Heating capacity	kW	2.5	3.2	4.2	5.5	6.0	7.0	8.0
Heating range (min. - max.)	kW	(0.90 - 3.60)	(0.90 - 4.80)	(1.00 - 5.30)	(1.10 - 6.50)	(1.10 - 6.50)	(1.15 - 7.50)	(1.70 - 8.80)
Pdesignh	kW	2.3	2.5	3.2	4.00	4.3	4.7	6.3
COP	W/W	5.00	4.57	3.89	3.62	3.77	3.72	3.40
SCOP		5.1	5.1	5.1	4.6	4.6	4.6	4.1
Energy efficiency class		H	A+++	A+++	A+++	A++	A++	A+
Seasonal electricity consumption	kWh/a	631	686	878	1217	1309	1430	2149

SHORAI EDGE BLACK & WHITE R32 - Physical data indoor

Indoor unit (white)		RAS-B07G3KVS-G-E	RAS-B10G3KVS-G-E	RAS-B13G3KVS-G-E	RAS-B16G3KVS-G-E	RAS-B18G3KVS-G-E	RAS-B22G3KVS-G-E	RAS-B24G3KVS-G-E
Indoor unit (black)		RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Sound pressure level (high/quiet)	dB(A) C	40/19	40/19	43/19	44/21	44/26	45/27	47/28
Sound power level (high)	dB(A) C	53	53	56	57	57	58	60
Air flow (high)	m³/h - l/s	660 - 183	660 - 183	732 - 203	750 - 208	990 - 274	1032 - 286	1122 - 311
Sound pressure level (high/quiet)	dB(A) H	40/19	40/19	43/19	44/22	44/26	46/27	48/28
Sound power level (high)	dB(A) H	53	53	56	57	57	59	61
Air flow (high)	m³/h - l/s	660 - 183	660 - 183	732 - 203	768 - 213	990 - 274	1080 - 299	1140 - 316
Dimensions (h x w x d)	mm	293x800x226	293x800x226	293x800x226	293x800x226	320x1053x245	320x1053x245	320x1053x245
Weight	kg	10	10	10	10	14	14	14
Remote controller (White)		WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE
Remote controller (Black)		WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE

SHORAI EDGE BLACK & WHITE R32 - Physical data outdoor

Outdoor unit		RAS-07J2AVSG-E	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Sound pressure level (high)	dB(A) C	44	44	46	48	48	49	50
Sound pressure level (Silent CDU#2)	dB(A) C	36	37	39	40	42	43	43
Sound power level (high)	dB(A) C	57	57	59	61	63	62	63
Operating range	°C C	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46
Sound pressure level (high)	dB(A) H	46	46	48	50	50	51	53
Sound pressure level (Silent CDU#2)	dB(A) H	38	39	43	43	44	46	46
Sound power level (high)	dB(A) H	59	59	61	63	63	64	66
Operating range	°C H	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Dimensions (h x w x d)	mm	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	630x800x300
Weight	kg	26	26	30	33	34	34	42
Compressor type		DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2	2	2	2	2
Maximum pipe length	m	20	20	20	20	20	20	25
Maximum height difference	m	12	12	12	12	12	12	15
Chargeless pipe length	m	15	15	15	15	15	15	15
Refrigerant charge (R32)	kg	0.55	0.55	0.8	0.8	1.1	1.1	1.14
Power supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode



TOSHIBA Air Conditioning participates in the  
ECP program for Comfort Air Conditions (AC).  
Check ongoing validity of certificate:  
[www.eurovent-certification.com](http://www.eurovent-certification.com)



Better Air Solutions

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# HAORI

Haori, the air conditioner  
that respects your universe



**TOSHIBA**

 **Better Air Solutions**

TRULY  
ELEGANT  
DESIGN

HAORI is featuring  
a stylish textile  
fabric cover





## LET YOUR STYLE BE YOUR GUIDE

Fabrics with **infinite possibilities.**  
Easy to dress, just peel and stick.



Bluish grey



Dark grey



Light Grey



Grey beige

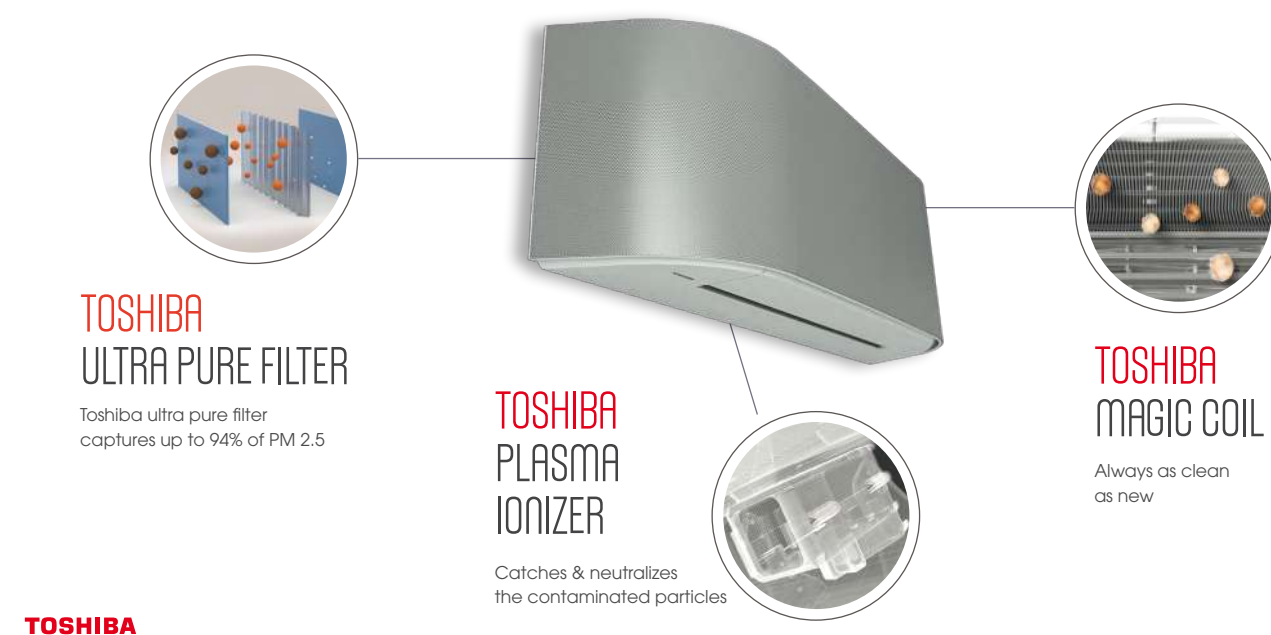


Dark brown



Emerald blue







TREAT YOURSELF TO  
JAPANESE QUALITY

# HAORI

## Design and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment. These powerful values are at the heart of everything we do at Toshiba.

For over 50 years, Toshiba has been providing its clients with the guaranteed precision and expertise of flawless Japanese quality.

## Toshiba's innovative inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while eliminating the risk of incidental noise.

Toshiba Inverter Technology allows the HAORI to regulate heating and cooling capacity at all times, by adjusting the compressor speed to demand.



**SOLUTION**  
WELL-BEING

This intuitive remote-control functions include:

Power select and ECO modes to reduce energy bills, Hi-power for rapid cooling or heating.

Toshiba HAORI remote control features a magnetic wall-mounted holder.

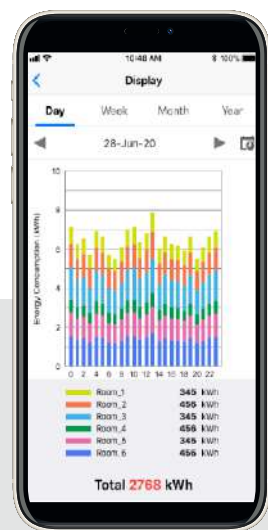


**TOSHIBA**





Enhance your comfort  
at home or away



- **Energy monitoring**
- Smart speaker voice control functions compatible with **Google Home Assistant & Amazon Alexa**



# HAORI

# TOSHIBA

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
<b>Cooling capacity</b>	<b>kW</b>		<b>2.5</b>	<b>3.5</b>	<b>4.6</b>
Cooling range (min. - max.)	kW		(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)
EER	W/W		4.63	4.38	3.41
<b>SEER</b>			<b>8.60</b>	<b>8.70</b>	<b>7.80</b>
<b>Energy efficiency class</b>		<b>C</b>	<b>A+++</b>	<b>A+++</b>	<b>A++</b>
Seasonal electricity consumption	kWh/a	C	102	142	206
<b>Heating capacity</b>	<b>kW</b>		<b>3.2</b>	<b>4.2</b>	<b>5.5</b>
Heating range (min. - max.)	kW		(0.90 - 4.70)	(1.00 - 5.30)	(1.10 - 6.30)
Pdesignh	kW		2.5	3.2	4.00
COP	W/W		4.32	3.89	3.62
SCOP			<b>5.10</b>	<b>5.10</b>	<b>4.60</b>
<b>Energy efficiency class</b>		<b>H</b>	<b>A+++</b>	<b>A+++</b>	<b>A++</b>
Seasonal electricity consumption	kWh/a	H	684	876	1214

Indoor unit			RAS-B10N4KVRG-E	RAS-B13N4KVRG-E	RAS-B16N4KVRG-E
Sound pressure level (h/q)	dB(A)	C	41/19	43/19	45/21
Sound power level (h)	dB(A)	C	54	56	58
Air flow (h)	m³/h - l/s	C	600 - 166	670 - 186	690 - 180
Sound pressure level (h/q)	dB(A)	H	41/19	43/19	45/22
Sound power level (h)	dB(A)	H	54	56	58
Air flow (h)	m³/h - l/s	H	610 - 169	680 - 189	730 - 186
Dimensions (hwxwd)	mm		300x987x210	300x987x210	300x987x210
Weight	kg		11	11	12
Remote controller			WH-UA01UE	WH-UA01UE	WH-UA01UE

Outdoor unit			RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1
Sound pressure level (h)	dB(A)	C	44	46	48
Sound pressure level (Silent CDU#2)	dB(A)	C	37	39	40
Sound power level (h)	dB(A)	C	57	59	61
Operating range	°C	C	-15~46	-15~46	-15~46
Sound pressure level (h)	dB(A)	H	46	48	50
Sound pressure level (Silent CDU#2)	dB(A)	H	39	43	43
Sound power level (h)	dB(A)	H	59	61	63
Operating range	°C	H	-15~24	-15~24	-15~24
Dimensions (hwxwd)	mm		550x780x290	550x780x290	550x780x290
Weight	kg		26	30	33
Compressor type	Toshiba		DC Rotary	DC Rotary	DC Rotary
Flare connections (gas-liquid)	inch		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		20	20	20
Maximum height difference	m		12	12	12
Chargeless pipe length	m		15	15	15
Refrigerant charging (R32)	kg		0.55	0.8	0.8
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50

C: cooling mode  
H: heating mode



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# TOSHIBA







# DAISEIKAI™ 10 TAILORED TO MEET TODAY'S CHALLENGES

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ENVIRONMENTALLY BALANCED





# THE WORLD IS TARGETING **ZERO EMISSION**

Today the process of cooling and heating residential premises is not the sole challenge. Global warming is an issue that affects us all and Toshiba Air Conditioning is ranking the decarbonisation of buildings as a top priority. The R32 refrigerant based solutions proposed by Toshiba Air Conditioning help achieve this goal, whilst also offering superior comfort and excellent energy efficiency whatever the weather.

## CHOOSE A PRODUCT THAT MEETS YOUR **ENVIRONMENTAL CONSCIOUSNESS**

Sustainability, environmental impact, and healthy living are increasingly important to all of us. Take real pride in your home choosing more than on-trend decorations. Go for Toshiba DAISEIKAI 10. This innovative air conditioner features a stylish wooden grille, where each grille has its grain, texture and color tone making your air conditioner unique to you. Sourced from sustainable forests and using up to 43% recycled plastic, the casing is another sign of our innovative and environmental approach to creating a healthy living space for you while respecting our planet.



DAISEIKAI





# YOUR ALL-SEASON CHAMPION

SEER  
up to  
**10.7\***

SCOP  
up to  
**5.3\***

COOLING  
& HEATING  
**A+++ / A+++**





## OUTSTANDING **ENERGY EFFICIENCY**

### **A+++ ratings in both cooling and heating**

Designed to perform, engineered to excellence, the DAISEIKAI 10 epitomizes reliability and durability - this is Toshiba Air Conditioning quality you can trust, offering outstanding performances in cooling and heating.

The DAISEIKAI 10 offers excellent performances no matter how adverse the conditions.

Cool and heat your whole home with the highest efficiency ratings available on the market, combined with an exceptional SEER of up to 10.7 you are offered best in-class performance all year round.

Toshiba inverter technology, combined with Toshiba twin rotary compressor, maximizes energy savings, and the DAISEIKAI 10 offers the largest operating range available.







# EXPERIENCE THE SOUND OF SILENCE



Ultra-quiet system  
Less than  
**19dB(A)\***



Silent operation  
Down to  
**40dB(A)\*\***

\*Noise pressure level at 1m  
\*\*Sound pressure level size 10. At 1m, in silent mode





# SUPER SILENT INDOOR AND OUTDOOR UNITS

With this ultra-quiet system, noise will not be an issue. The indoor unit is extremely silent, down to 19 dB(A) at low speed. Furthermore, the DAISEIKAI 10 offers the lowest outdoor unit noise level on the market\* thanks to the Silent Condensing Unit function.

# ENHANCE YOUR COMFORT AT HOME OR AWAY


Customize your comfort, finding the best cooling or heating level for your family at any time, no matter where you are. When at home or away, take advantage of the embedded wireless adapter and its intuitive Toshiba Home AC Control app.



**Energy monitoring** to help control your energy bills and make true savings.

**Smart speaker voice control** functions to easily modulate your comfort for an easier life.









Room	Consumption (kWh)
Room_1	345 kWh
Room_2	456 kWh
Room_3	345 kWh
Room_4	456 kWh
Room_5	345 kWh
Room_6	456 kWh
<b>Total</b>	<b>2768 kWh</b>

DAISEIKAI





# INTELLIGENT FEATURES **FOR BETTER LIFESTYLE**

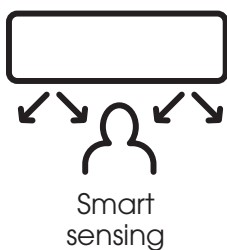
Surpassing your expectations has always been at the heart of everything we do at Toshiba Air Conditioning. Enjoy serenity and comfort all year round with the stylish and innovative DAISEIKAI 10.

## SMART **SENSING**

The DAISEIKAI 10 features a Smart Sensing control function app. WiFi operated. Design your own comfort, by choosing between an indirect or direct air flow.

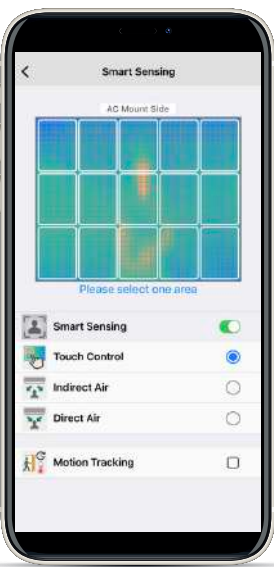
## MOTION **TRACKING**

- Enhanced energy savings: The Occupancy Detection function is triggered after 20 minutes and 4-hour absence.
- High activity detection: The Hi-power Cooling mode is automatically turned On when the level of activity is detected to be high within the room.



DAISEIKAI

**TOSHIBA**



## TOUCH **CONTROL**

Enjoy a new level of comfort with our Smart Sensing control function app. Just tap on any of the 15 areas displayed by the thermal map to design the airflow direction.



\*As at 1 December 2023





# THE ULTIMATE IN COMFORT





### HADA Care

Set louver position to generate indirect air flow to users, with better air distribution enjoy a more stable room temperature.

### Fireplace mode

Diffusion of heat from your fireplace or other heat sources, by keeping the indoor unit fan blowing at low speed, even when the compressor is switched Off.

### On-demand defrost

Press the Menu button for 5 seconds to clear the ice at your convenience (one-time setting, one forced defrost cycle).

### Strong defrost

Toshiba unique function for heavy anti-frost surveillance mode and secured unit operation even in extreme conditions.

### Intelligent defrost

For continued heating cycle inside the house and accelerated outdoor unit defrost operation.



Fireplace mode



On-demand defrost



Strong defrost

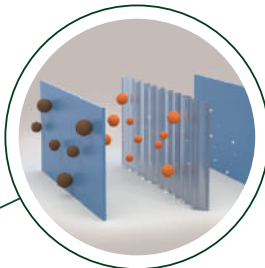


## PREMIUM INDOOR AIR QUALITY

Cutting-edge technologies to contribute to your well-being and help deliver healthy and safe indoor environments.

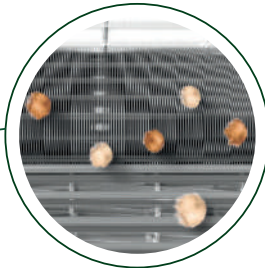
### Plasma ionizer

Absorbs and decomposes smoke, food smells and bad odours



### Ultra Pure filter

Captures up to 94% of PM 2.5 particulates



### Resin coated coil

Special coating of the heat exchanger fins results in a coil which is as clean as new





Performance data

Outdoor unit			RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
Indoor unit	White		RAS-B10S4KVPGE	RAS-B13S4KVPGE	RAS-B18S4KVPGE
Indoor unit	Wood		RAS-B10S4KVDGE	RAS-B13S4KVDGE	RAS-B18S4KVDGE
Cooling capacity	kW		2.5	3.5	5.0
Cooling range (min. - max.)	kW		(0.60 - 3.50)	(0.90 - 4.20)	(0.90 - 6.0)
EER	W/W		5.32	4.38	3.57
SEER			10.7	9.7	8.6
Energy efficiency class		C	A+++	A+++	A+++
Seasonal electricity consumption	kWh/a	C	82	126	203
Heating capacity	kW		126	4.0	6.0
Heating range (min. - max.)	kW		203	(0.70 - 6.30)	(0.80 - 7.20)
Pdesignh (Tbiv-10°C)	kW		3.0	3.6	4.5
COP	W/W		5.33	5.00	4.14
SCOP Ave.Clim.			5.3	5.2	4.8
Energy efficiency class		H	A+++	A+++	A++
Seasonal electricity consumption	kWh/a	H	792	969	1312
SCOP Warm Clim.			6.2	6.2	6.5
Energy efficiency class			A+++	A+++	A+++

Physical data indoor

Indoor unit	White			RAS-B10S4KVPGE	RAS-B13S4KVPGE	RAS-B18S4KVPGE
	Woods			RAS-B10S4KVDGE	RAS-B13S4KVDGE	RAS-B18S4KVDGE
Sound pressure level (high/low (Quiet))	dB(A)	C		40/24 (19)	41/26 (20)	44/25 (22)
Sound power level (high)	dB(A)	C		53	54	57
Airflow (high)	m³/h - l/s	C		730 - 202	780 - 216	780 - 216
Sound pressure level (high/low (Quiet))	dB(A)	H		41/25 (19)	42/24 (20)	45/26 (22)
Sound power level (high)	dB(A)	H		54	55	58
Airflow (high)	m³/h - l/s	H		750 - 208	810 - 225	810 - 225
Dimensions (HxWxD) White	mm			293x930x255	293x930x255	293x930x255
Dimensions (HxWxD) Woods	mm			293x940x257	293x940x257	293x940x257
Weight White / Wood	kg			14/16	14/16	14/16

Physical data outdoor

Outdoor unit			RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
Airflow (max)	m³/h - l/s	C	2100 - 583	2160 - 600	2220 - 616
Sound pressure level (high)	dB(A)	C	44	45	47
Sound pressure level (Silent CDU#2)	dB(A)	C	40	41	42
Sound power level (high)	dB(A)	C	57	58	60
Sound power level (Silent CDU#2)	dB(A)	C	53	54	55
Operating range	°C	C	-15 ~ 46	-15 ~ 46	-15 ~ 46
Airflow (max)	m³/h - l/s	H	2220 - 616	2160 - 600	2220 - 616
Sound pressure level (high)	dB(A)	H	45	46	49
Sound pressure level (Silent CDU#2)	dB(A)	H	41	42	44
Sound power level (high)	dB(A)	H	58	59	62
Sound power level (Silent CDU#2)	dB(A)	H	54	55	57
Operating range	°C	H	-20 ~ 24	-20 ~ 24	-20 ~ 24
Dimensions (HxWxD)	mm		630x800x300	630x800x300	630x800x300
Weight	kg		38	38	38
Compressor type			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2
Maximum pipe length	m		25	25	25
Maximum height difference	m		15	15	15
Chargeless pipe length	m		15	15	15
Remote White/Wood			WH-UD02UE / WH-UD01UE	WH-UD02UE / WH-UD01UE	WH-UD02UE / WH-UD01UE
Refrigerant charge (R32)	kg		0.96	0.96	0.96
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50

C: Cooling mode  
H: Heating mode

Carrier Solutions UK Ltd  
Unit 15, S:Park Business Park  
Hamilton Road  
Stockport  
Greater Manchester  
SK1 2AE  
marketing.uk@toshiba-ac.com



TOSHIBA CARRIER EUROPE SAS participates in the ECP program for Comfort Air Conditioner (AC).  
Check ongoing validity of certificate:  
www.eurovent-certification.com



Toshiba Carrier Corporation  
A Carrier Company





**TOSHIBA**

# CONSOLE

Change  
how you  
look at  
comfort



**Whatever  
you need**

## CONSOLE YEAR-ROUND COMFORT

The new R32 Console provides optimum comfort for every season. Its floor-mounted design ensures perfect distribution of the air flow (in heating or cooling mode), whilst easily blending into any decor.



### Comfort guaranteed, whatever the conditions

The R32 Console is designed to improve air circulation and enhance your well-being, whatever the seasons have in store.

### Discreet in every respect

The Console sits unobtrusively within your home. With clean lines and an elegant design, it blends seamlessly into your interior, with comfort enhanced by the Quiet and Silence functions.

### Give yourself the A++ treatment

Make savings with the A++ efficiency rating. The Console, available in 3 sizes (10, 13 and 18 kBtu/h), reduces energy consumption to offer optimum performance.



### Safety first with child-lock mode

The console ensures the youngest members of the family are protected, with a child safety mode to lock the settings and prevent any accidental adjustments.





## BI-FLOW CONTROL

Toshiba is always striving to ensure its users benefit from the very best solutions. The R32 Console is the result of this initiative, with a unique and highly effective air distribution function.



### Manage your comfort

Choose the best air flow from different patterns to perfectly meet your needs. With air blown upwards and downwards for uniform distribution within the room, say goodbye to hot and cold spots.

### Exclusive bi-flow floor heating mode

This Toshiba original feature diffuses hot air from floor level only, ensuring heat is evenly distributed within the room for supreme comfort.

### Discover Fireplace mode

Toshiba's unique fireplace mode provides optimum diffusion heat from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even when compressor is switched off.



## COMFORT UNLIMITED

### > Silence ANYWHERE



#### Unique noise reduction function

The Console unique Silent operation mode allows the user to reduce the outdoor noise level to ensure neighborhood will have a tight sleep at night. From a touch of the remote control, this mode will reduce the sound pressure level of outdoor unit by -3dB(A) down to 43dB(A), prioritizing minimum outdoor sound level vs fast cooling capacity demand.

### > Quiet mode FOR A QUIET LIFE



Ultra-quiet system  
down to  
**19dB(A)**

Quiet mode can be activated by pressing the fan button to reduce the fan speed and the sound level of the indoor unit





# TOSHIBA

## BETTER AIR SOLUTIONS FOR BETTER WORLD

Created by TOSHIBA - INVERTER TECHNOLOGY

SEER up to <b>6.6</b>	SCOP up to <b>4.2</b>	Floor heating function
--------------------------	--------------------------	---------------------------

3 sizes covering  
2.5 to 5.0 kW (Cooling)  
3.2 to 6.0 kW (Heating)

Self-cleaning

At Toshiba, we've always made sure our projects and objectives are designed with a better future in mind. Now, more than ever, attitudes are changing as technology continues to revolutionise our world. We don't simply follow or adapt to them; we predict them. That's why the new generation of Toshiba air conditioners uses the refrigerant R32 with low global warming potential.

**TOSHIBA R32 REFRIGERANT**

### Healthy fresh air MAGIC COIL®

The Console is equipped with the Magic Coil® which helps prevent water and dust from sticking to the coil. When the air conditioning is switched off to drain the contaminated coil, the fan continues to operate to keep the coil clean and dry and to maintain the air conditioning's high energy efficiency.



**On-demand defrost function**

Toshiba's unique On-demand defrost function ensures the unit can be used in even the most extreme conditions, clearing ice at the touch of the remote control button.

## TAKE CONTROL, ANYTIME, ANYWHERE

### Wireless solution FOR WELLBEING ON-DEMAND

Make life simple with a smart remote, giving access all your console's functions with a single touch!

**Weekly timer**  
sets ON/OFF times or program settings for each 24-hour period. Up to 4 different temperature and ON/OFF operation settings can be programmed per day, with 7 different programs possible per week (Choice of ON/OFF, Temperature set, Operation mode and Fan speed)

**Floor heating mode**  
diffuses hot air from floor level only, ensuring heat is evenly distributed within the room

**Quiet mode**  
runs the indoor unit at its lowest noise level. By shifting the fan to super-low speed, it reduces the noise produced by the indoor unit by 3 dB(A) compared with low power operation.

**Silent CDU**  
Toshiba's unique function reduces noise from the outdoor unit for a quieter neighbourhood.

**8°C**  
activate this frost protection mode when leaving your home unoccupied in winter to ensure it remains at a set minimum temperature

**Fireplace**  
provides optimum diffusion of heat from your fireplace or other heat sources. The indoor unit fan keeps running at low speed, even when the compressor is switched off

**Power selection**  
manages the consumption of your air conditioner by adapting its output to your needs

**On demand defrost**  
ensures the unit can be used in even the harshest conditions, clearing ice at a touch of the remote





➤ Enhance your comfort  
AT HOME OR AWAY

Customise your comfort, finding the perfect cooling or heating level for your family at any time. When at home, simply replace your infrared remote control with the

intuitive smart app. This also gives you easy access to your air conditioner on the move, allowing you to adapt your comfort!



Take complete control of your comfort with the Toshiba Home AC Control App. Simple to use on your smartphone or tablet, both at home and on the move.

- Holiday frost protection mode
- Boost mode
- Fireplace mode
- Silent CDU to reduce the outdoor unit noise level

TREAT  
YOURSELF TO JAPANESE QUALITY

Design  
and reliability

Innovation, efficiency, high reliability, energy savings, respect for the environment... These powerful values are at the heart of everything we do at Toshiba.

For over 50 years, Toshiba has been providing its clients with the guaranteed precision and expertise of flawless Japanese quality.



Toshiba's innovative  
inverter technology

Toshiba's innovative rotary compressor technology combines exemplary performance with outstanding reliability. Minimising fluctuations to ensure a constant temperature, it increases efficiency while eliminating the risk of incidental noise.

Toshiba, Inverter Technology allows the Console to regulate heating and cooling capacity at all times, by adjusting the compressor speed to demand.



TOSHIBA

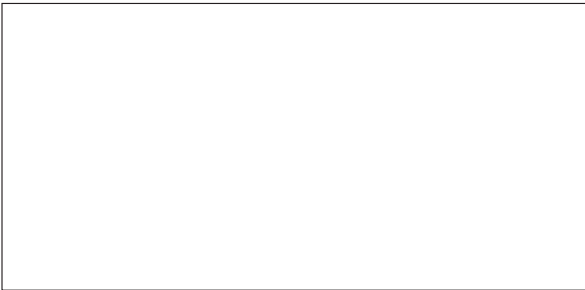
TOSHIBA

BI-FLOW CONSOLE TYPE		Performance data			
Outdoor unit		RAS-10PAVSG-E	RAS-13PAVSG-E	RAS-18PAVSG-E	
Indoor unit		RAS-B10U2FVG-E1	RAS-B13U2FVG-E1	RAS-B18U2FVG-E1	
Outdoor unit		RAS-10PAVSG-TR	RAS-13PAVSG-TR	RAS-18PAVSG-TR	
Indoor unit		RAS-10U2FVG-TR	RAS-13U2FVG-TR	RAS-18U2FVG-TR	
Cooling capacity	kW	2.5	3.5	5.0	
Cooling range (min. - max.)	kW	0.8 - 3.2	0.7 - 4.1	1.0 - 5.6	
Pdesignnc	kW	2.5	3.5	5.0	
EER	W/W	4.17	3.18	2.86	
SEER		6.6	6.4	6.2	
Energy efficiency class	C	A++	A++	A++	
Seasonal electricity consumption	kWh/a	133	191	282	
Heating capacity	kW	3.2	4.2	6.0	
Heating range (min. - max.)	kW	0.9 - 4.5	1.0 - 5.2	1.1 - 6.3	
Pdesignh (Tbiv-7°C)	kW	2.5	3.0	4.0	
COP	W/W	3.72	3.36	3.00	
SCOP		4.2	4.2	4.0	
Energy efficiency class	H	A+	A+	A+	
Seasonal electricity consumption	kWh/a	833	999	1399	

BI-FLOW CONSOLE TYPE		Physical data indoor			
Indoor unit		RAS-B10U2FVG-E1	RAS-B13U2FVG-E1	RAS-B18U2FVG-E1	
		RAS-10U2FVG-TR	RAS-13U2FVG-TR	RAS-18U2FVG-TR	
Air flow (h)	m³/h - l/s	468 - 130	510 - 142	600 - 167	
Sound pressure level (h/a)	dB(A)	39/23	40/24	45/31	
Sound power level (h)	dB(A)	54	55	60	
Air flow (h)	m³/h - l/s	510 - 142	552 - 153	642 - 178	
Sound pressure level (h/a)	dB(A)	39/23	40/24	46/31	
Sound power level (h)	dB(A)	54	55	61	
Dimensions (h x w x d)	mm	600x700x220	600x700x220	600x700x220	
Weight	kg	16	16	16	

BI-FLOW CONSOLE TYPE		Physical data outdoor			
Outdoor unit		RAS-10PAVSG-E	RAS-13PAVSG-E	RAS-18PAVSG-E	
		RAS-10PAVSG-TR	RAS-13PAVSG-TR	RAS-18PAVSG-TR	
Sound pressure level (h)	dB(A)	46	48	49	
Sound power level (h)	dB(A)	61	63	64	
Operating range	°C	-15-46	-15-46	-15-46	
Sound pressure level (h)	dB(A)	47	50	50	
Sound power level (h)	dB(A)	62	65	65	
Operating range	°C	-15-24	-15-24	-15-24	
Dimensions (h x w x d)	mm	550x780x290	550x780x290	550x780x290	
Weight	kg	28	28	34	
Compressor type		DC Rotary	DC Rotary	DC Twin Rotary	
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	
Minimum pipe length	m	2	2	2	
Maximum pipe length	m	20	20	20	
Maximum height difference	m	10	10	12	
Chargeless pipe length	m	15	15	15	
Refrigerant charge (R32)	kg	0.51	0.67	1.10	
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50	220/240-1-50	

C: cooling mode  
H: heating mode







## RESIDENTIAL

Wall mounted	024
Ventilation	072
Multi split	078





SPLIT

KG Series

Wall-mounted type

Built-in WLAN adapter model

Designer Range

High Spec & Design

REFRIGERANT R32

GOOD DESIGN

ALL DC

Save

Economy

Powerful

HEAT

10°C

Low Noise

Auto

Changer

Up/Down

Adjust

Restart

Sleep

Program

Weekly

Filter

LAN

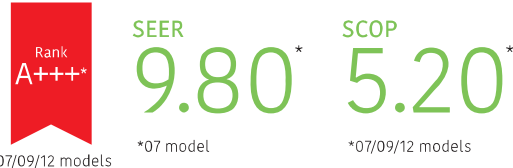
ION

AF

Washable

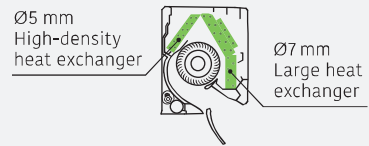
## High energy saving

Top class high efficiency is achieved by high efficient lambda-shaped heat exchanger, large cross flow fan and new refrigerant.



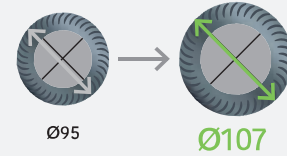
### Hybrid-heat exchanger

The large hybrid heat exchanger has greatly improved the heat exchange efficiency to achieve top-level SEER and SCOP.



### Ø107 Large cross-flow fan

The large-diameter fan generates air volume efficiently even at reduced power.



### Human sensor

The Human sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



## Comfortable airflow & Quiet operation

The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



Quiet & Comfort  
19 dB(A)  
(07/09/12 models)  
Cooling only

## Smart device control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

\* See page C-020 for details on smart device control.



## Refrigerant cycle monitor (option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

\*Wired remote controller (UTY-RNRYZ5 or UTY-RVRY) is required.



Model: ASEH07KGTG / ASEH09KGTG / ASEH12KGTG / ASEH14KGTG



## Specifications

Model name	Indoor unit			ASEH07KGTG	ASEH09KGTG	ASEH12KGTG	ASEH14KGTG
	Outdoor unit			AOEH07KGCG	AOEH09KGCG	AOEH12KGCG	AOEH14KGCG
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.3	0.9-3.6	0.9-4.1	0.9-4.5
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-5.2	0.9-5.4	0.9-6.1	0.9-6.4
Input Power	Cooling/Heating		kW	0.400 / 0.500	0.550 / 0.600	0.870 / 0.910	1.220 / 1.450
EER	Cooling		W/W	5.00	4.55	3.91	3.44
COP	Heating		W/W	5.00	4.67	4.40	3.72
Pdesign	Cooling/Heating (±10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	9.80	9.40	8.80	8.00
SCOP	Heating (Average)			5.20	5.20	5.20	4.60
Energy Efficiency Class	Cooling			A+++	A+++	A+++	A++
	Heating (Average)			A+++	A++	A+++	A++
Max. Operating Current	Cooling/Heating		A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	9.0 / 10.5
Annual Energy Consumption	Cooling		kWh/a	71	93	135	184
	Heating			618	646	673	1,217
Moisture Removal				l/h	1.1	1.3	1.6
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 32 / 29 / 19	38 / 34 / 29 / 19	40 / 35 / 30 / 19	43 / 36 / 30 / 20
	Indoor (Heating)	H/M/L/Q		38 / 34 / 31 / 20	39 / 34 / 31 / 20	42 / 38 / 33 / 21	44 / 39 / 33 / 24
	Outdoor (Cooling/Heating)	High		42 / 43	44 / 45	50 / 50	50 / 50
Sound Power Level	Indoor (Cooling/Heating)	High		49 / 51	52 / 52	56 / 58	57 / 59
	Outdoor (Cooling/Heating)	High		56 / 56	58 / 58	65 / 66	65 / 66
Airflow Rate	Indoor/Outdoor (Cooling)	High	m³/h	570 / 1,390	640 / 1,480	680 / 1,800	750 / 1,800
	Indoor/Outdoor (Heating)	High		610 / 1,350	630 / 1,420	750 / 1,690	780 / 1,690
Net Dimensions H x W x D	Indoor		mm	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215	270 × 834 × 215
	Outdoor		mm	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10	10
	Outdoor		kg	30	30	31	32
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling		°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge		kg (CO2eq-T)	0.75 (0.506)	0.75 (0.506)	0.85 (0.574)	0.85 (0.574)

## Optional parts

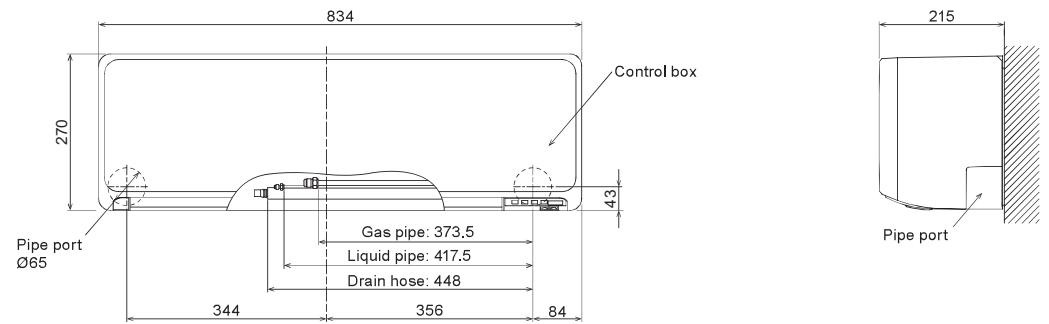
\* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type):	UTY-RVRY	Simple remote controller:	UTY-RSRY	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	Wireless remote controller:	UTY-LNWX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5	Communication kit:	UTY-TWRXZ2	Silver Ion filter:	UTR-FA16-5
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZX	External input and output PCB*1:	UTY-XCSXZ2
Simple remote controller (without operation mode):	UTY-RHRY		UTY-XWZXZ5	External switch controller:	UTY-TERX

\*1 It is required when 2 or more external input and output ports are used.

## Dimensions

(Unit: mm)





SPLIT

KM Series

Wall-mounted type

Built-in WLAN adapter model

Standard Range

High-Efficiency & Comfort

REFRIGERANT R32

GOOD DESIGN

ALL DC

Economy

Powerful

HEAT

Low Noise

Auto Changerover

Up/Down

Adjust

Restart

Sleep

Program

Filter

LAN

ION

AF

Washable

### Slim & stylish square design

The slim and stylish square design of this indoor unit is realized by using a highdensity, multipath heat exchanger and a high-efficiency wind blower.

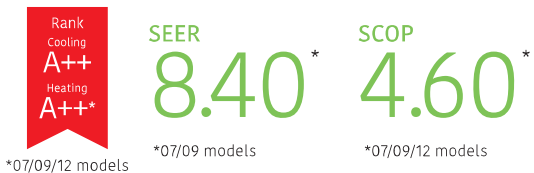
### Warm & gentle color option

Both white and soft black color are relatively gentle tones and no strong contrast, each color harmonize with the environment and create a warm atmosphere.



### High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.



### Comfortable airflow & Quiet operation

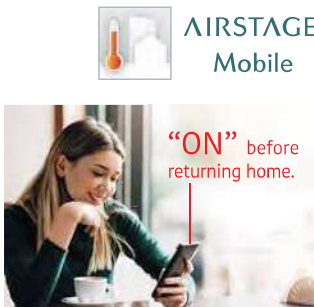
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.



### Smart device control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

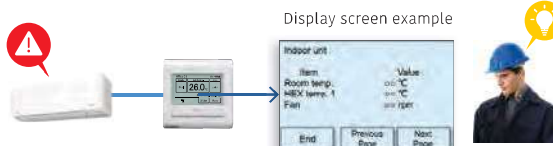
\* See page C-020 for details on smart device control.



### Refrigerant cycle monitor (option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

\*Wired remote controller (UTY-RNRYZ5 or UTY-RVRY) is required.



Model: ASEH07KMCG / ASEH09KMCG / ASEH12KMCG / ASEH14KMCG  
ASEH07KMCG-B / ASEH09KMCG-B / ASEH12KMCG-B / ASEH14KMCG-B



### Specifications

Model name	Indoor unit			ASEH07KMCG ASEH07KMCG-B	ASEH09KMCG ASEH09KMCG-B	ASEH12KMCG ASEH12KMCG-B	ASEH14KMCG ASEH14KMCG-B
	Outdoor unit			AOEH07KMCG	AOEH09KMCG	AOEH12KMCG	AOEH14KMCG
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.-Max.		0.9-3.0	0.9-3.2	0.9-3.9	0.9-4.4
	Heating	Rated		2.5	2.8	4.0	5.4
		Min.-Max.		0.9-3.4	0.9-4.0	0.9-5.3	0.9-6.0
Input Power	Cooling/Heating		kW	0.450 / 0.555	0.650 / 0.620	0.960 / 1.020	1.220 / 1.410
EER	Cooling		W/W	4.43	3.85	3.54	3.44
COP	Heating			4.52	4.52	3.92	3.83
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
SEER	Cooling		W/W	8.40	8.40	7.70	7.10
SCOP	Heating (Average)			4.60	4.60	4.60	4.10
Energy Efficiency Class	Cooling			A++	A++	A++	A++
	Heating (Average)			A++	A++	A++	A+
Max. Operating Current	Cooling/Heating		A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0
Annual Energy Consumption	Cooling		kWh/a	83	104	155	207
	Heating			700	730	761	1,366
Moisture Removal			l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38 / 33 / 29 / 20	40 / 34 / 29 / 20	40 / 35 / 30 / 20	43 / 36 / 30 / 20
	Indoor (Heating)	H/M/L/Q		41 / 35 / 31 / 22	42 / 36 / 31 / 22	42 / 38 / 33 / 22	44 / 39 / 33 / 24
Outdoor (Cooling/Heating)	High	46 / 46		46 / 46	50 / 50	50 / 50	
Sound Power Level	Indoor (Cooling/Heating)	High		54 / 56	55 / 57	55 / 58	57 / 59
	Outdoor (Cooling/Heating)	High		61 / 61	61 / 62	65 / 65	65 / 66
Airflow Rate	Indoor/Outdoor (Cooling)	High		m³/h	650 / 1,650	700 / 1,650	700 / 1,700
	Indoor/Outdoor (Heating)	High	720 / 1,450	750 / 1,450	780 / 1,470	820 / 1,580	
Net Dimensions H x W x D	Indoor		mm	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222	270 × 834 × 222
	Outdoor		mm	541 × 663 × 290	541 × 663 × 290	541 × 663 × 290	542 × 799 × 290
Weight	Indoor		kg	10	10	10	10
	Outdoor		kg	22	22	24	31
Connection Pipe Diameter (Liquid/Gas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15	15
Operating Range	Cooling		°CDB	-10 to 50	-10 to 50	-10 to 50	-10 to 50
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)			R32 (675)	R32 (675)	R32 (675)	R32 (675)
	Charge	kg (CO2eq-T)	0.60 (0.405)	0.60 (0.405)	0.70 (0.473)	0.85 (0.574)	

### Optional parts

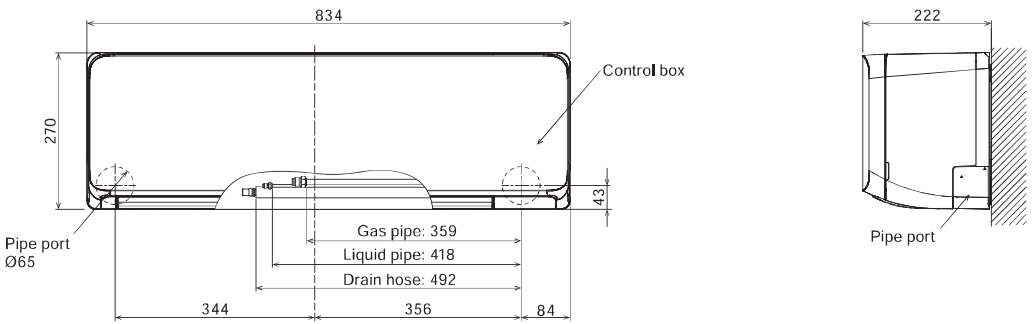
\* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type):	UTY-RVRY	Simple remote controller:	UTY-RSRY	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	Wireless remote controller:	UTY-LNWX	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5	Communication kit:	UTY-TWRXZ2	Silver Ion filter:	UTR-FA16-5
Wired remote controller:	UTY-RLRY	External connect kit:	UTY-XWZX	External input and output PCB*1:	UTY-XCSXZ2
Simple remote controller (without operation mode):	UTY-RHRY		UTY-XWZXZ5	External switch controller:	UTY-TERX

\*1 It is required when 2 or more external input and output ports are used.

### Dimensions

(Unit: mm)





SPLIT

KN  
Series

## Wall-mounted type

Built-in WLAN adapter model  
ECO Range  
Compact Size

### Elegant & smart square design

An elegant and smart type in the eco range.  
The delicate shading of the ridge line makes the unit an accessory for the room.



### High energy saving

The size of the heat exchanger has increased to improve performance, making it more powerful despite its compact size.

SEER  
**7.8**<sup>\*</sup> SCOP  
**4.4**<sup>\*</sup> 07 model

### Comfortable airflow & Quiet operation

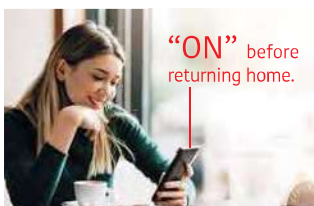
The large louver and the new air-blowing structure create a comfortable air flow that spreads all the way down to the user's feet with quiet operation.

Quiet & Comfort  
**20 dB(A)**  
Cooling only

### Smart device control

A WLAN adapter is included as standard equipment. By installing the AIRSTAGE mobile app on your smart device, you can check and control the operating status of the air conditioner from anywhere indoors or outdoors.

<sup>\*</sup> See page C-020 for details on smart device control.



### Highly efficient operation even at high outdoor temperatures

Operation Range  
MAX **50°C**  
(Cooling operation)

Even when installed in areas with high outdoor air temperatures (Max. 50°C\*), it is comfortable because it can cool the interior well.

<sup>\*</sup> suction temperature of the outdoor unit



Model: ASEH07KNCA / ASEH09KNCA / ASEH12KNCA

WLAN adapter  
(Built-in)

Wireless RC



### Specifications

Model name	Indoor unit			ASEH07KNCA	ASEH09KNCA	ASEH12KNCA
	Outdoor unit			AOEH07KNCA	AOEH09KNCA	AOEH12KNCA
Power Source				Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	kW	2.0	2.5	3.4
		Min.-Max.		0.9-2.9	0.9-3.1	0.9-3.8
	Heating	Rated		2.5	2.8	3.8
		Min.-Max.		0.9-3.4	0.9-4.0	0.9-4.8
Input Power	Cooling/Heating		kW	0.50 / 0.58	0.74 / 0.70	1.05 / 1.02
EER	Cooling		W/W	4.00	3.38	3.24
COP	Heating		W/W	4.31	4.00	3.73
Pdesign	Cooling/Heating (-10°C)		kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5
SEER	Cooling		W/W	7.8	7.4	7.0
SCOP	Heating (Average)			4.4	4.4	4.4
Energy Efficiency Class	Cooling			A++	A++	A++
	Heating (Average)			A+	A+	A+
Max. Operating Current	Cooling/Heating		A	6.5 / 9.0	6.5 / 9.0	6.5 / 9.0
Annual Energy Consumption	Cooling		kWh/a	90	118	170
	Heating			731	763	795
Moisture Removal				l/h	1.0	1.4
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	36 / 33 / 29 / 20	38 / 35 / 29 / 20	40 / 36 / 32 / 20
	Indoor (Heating)	H/M/L/Q		38 / 33 / 30 / 22	38 / 33 / 30 / 22	39 / 35 / 31 / 22
	Outdoor (Cooling/Heating)	High		43 / 44	44 / 45	49 / 49
Sound Power Level	Indoor (Cooling/Heating)	High		51 / 52	53 / 52	55 / 53
	Outdoor (Cooling/Heating)	High		53 / 54	56 / 56	60 / 61
	Indoor/Outdoor (Cooling)	High		530 / 1,430	580 / 1,430	600 / 1,460
Airflow Rate	Indoor/Outdoor (Heating)	High	m³/h	580 / 1,390	580 / 1,390	600 / 1,360
Net Dimensions	Indoor	mm		270 × 784 × 222	270 × 784 × 222	270 × 784 × 222
H x W x D	Outdoor	mm		541 × 663 × 290	541 × 663 × 290	541 × 663 × 290
Weight	Indoor	kg		9	9	9
	Outdoor	kg		22	22	24
Connection Pipe Diameter (Liquid/Cas)			mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52
Drain Hose Diameter (I.D./O.D.)				13.8 / 15 to 16.8	13.8 / 15 to 16.8	13.8 / 15 to 16.8
Max. Pipe Length (Pre-Charge)			m	20 (15)	20 (15)	20 (15)
Max. Height Difference				15	15	15
Operating Range	Cooling	°CDB		-10 to 50	-10 to 50	-10 to 50
	Heating			-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	R32 (675)	R32 (675)	R32 (675)
	Charge			0.57 (0.385)	0.57 (0.385)	0.65 (0.439)

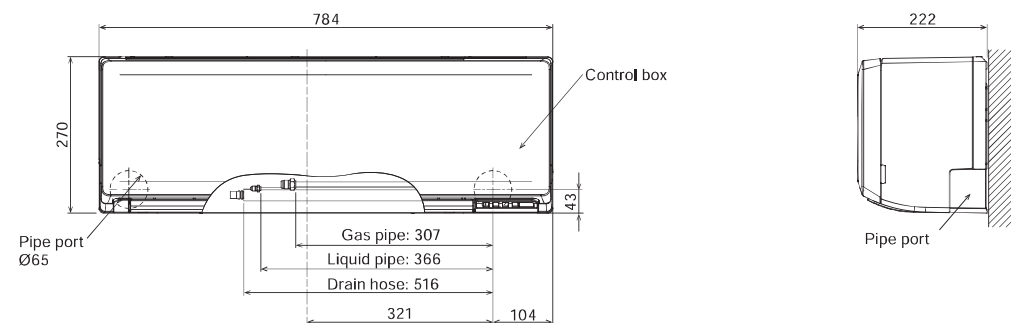
### Optional parts

<sup>\*</sup> For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wireless remote controller: UTY-LNWX  
Silver Ion Filter: UTR-FA16-S

### Dimensions

(Unit: mm)





SPLIT

KM Series

Wall-mounted type

Standard Range

High-Efficiency & Large Rooms

REFRIGERANT R32

ALL DC



Economy

Powerful

HEAT

Low Noise

Auto Changerover

Double

Adjust

Restart

Sleep

Program

Weekly

Filter

ION

AF

Washable

### High energy saving

High-efficiency has been achieved by the lambda-shaped heat exchanger, large cross-flow fan, and the new refrigerant.

Rank A++

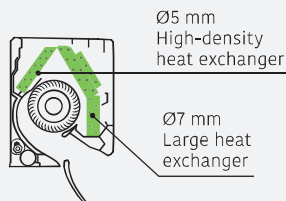
SEER 7.8

SCOP 4.6

\*18 model

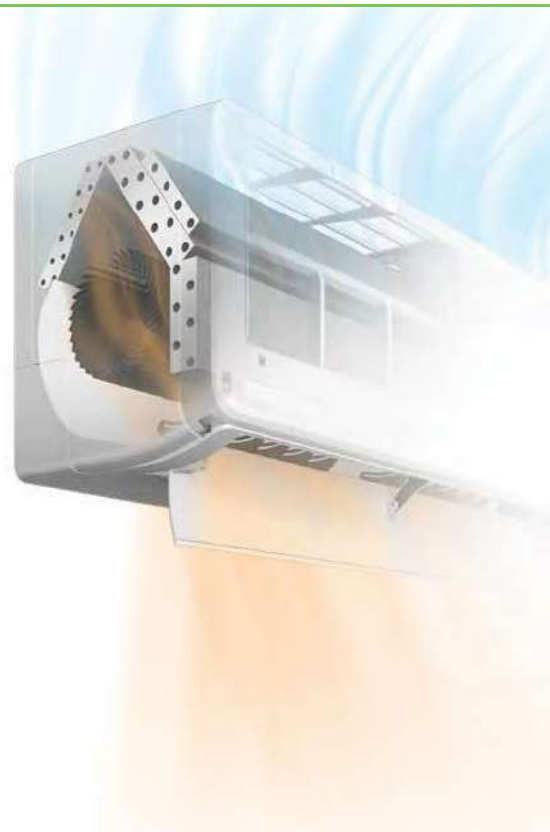
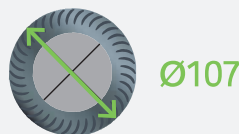
#### Hybrid-heat exchanger

The large hybrid heat exchanger has greatly improved the heat exchange efficiency to achieve top-level SEER and SCOP.



#### Ø107 Large cross-flow fan

The large-diameter fan generates air volume efficiently even at reduced power.



### Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

\* For more information about smart device control, please refer to the page C-020.



You need to install the AIRSTAGE Mobile app on your smart device in order to control the air conditioner.

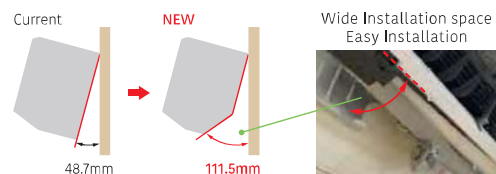


WLAN adapter (USB)



### Easy access to the flare pipe connection

Installation when left outlet piping is easier by removable under cover of the indoor unit chassis. Installation when center outlet piping is easier by design change of wall hook bracket.



Model: ASEG18KMTE / ASEG24KMTE



### Specifications

Model name	Indoor unit			ASEG18KMTE		ASEG24KMTE	
	Outdoor unit			AOEG18KMTA		AOEG24KMTA	
Power Source				Single phase, ~230 V, 50 Hz			
Capacity	Cooling	Rated	kW	5.2		7.1	
		Min.-Max.		0.9-6.0		0.9-8.3	
	Heating	Rated		6.3		8.0	
		Min.-Max.		0.9-8.7		0.9-10.1	
Input Power	Cooling/Heating		kW	1.39/1.56		2.08/1.91	
EER	Cooling		W/W	3.74		3.41	
COP	Heating		W/W	4.04		4.19	
Pdesign	Cooling/Heating (+10°C)		kW	5.2/4.8		7.1/7.1	
SEER	Cooling		W/W	7.77		7.30	
SCOP	Heating (Average)			4.60		4.20	
Energy Efficiency Class	Cooling			A++		A++	
	Heating (Average)			A++		A+	
Max. Operating Current	Cooling/Heating		A	9.5/13.5		13.5/16.0	
Annual Energy Consumption	Cooling		kWh/a	234		340	
	Heating			1,460		2,362	
Moisture Removal			l/h	1.7		2.7	
Sound Pressure Level	Inoor (Cooling)	H/M/L/Q	dB(A)	45/40/35/29		49/40/35/29	
	Inoor (Heating)	H/M/L/Q		46/40/35/29		49/40/35/29	
	Outdoor (Cooling/Heating)	High		50/50		54/52	
	Indoor (Cooling/Heating)	High		60/61		65/65	
Sound Power Level	Outdoor (Cooling/Heating)	High	m³/h	65/65		67/66	
	Indoor/Outdoor (Cooling)	High		980/2,350		1,170/3,240	
Airflow Rate	Indoor/Outdoor (Heating)	High	mm	1,020/2,100		1,170/2,820	
	Indoor	mm		280 × 980 × 240		280 × 980 × 240	
Net Dimensions H x W x D	Outdoor	mm	kg	632 × 799 × 290		716 × 820 × 315	
	Indoor	kg		12.5		12.5	
Weight	Outdoor	kg	mm	36		42	
	Connection Pipe Diameter (Liquid/Cas)			6.35/12.70		6.35/12.70	
Drain Hose Diameter (I.D./O.D.)			m	13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)				25 (15)		30 (15)	
Max. Height Difference				20		25	
Operating Range	Cooling		°CDB	-10 to 46		-10 to 46	
	Heating			-15 to 24		-15 to 24	
Refrigerant	Type (Global Warming Potential)		kg (CO2eq-T)	R32 (675)		R32 (675)	
	Charge			1.02 (0.689)		1.32 (0.891)	

### Optional parts

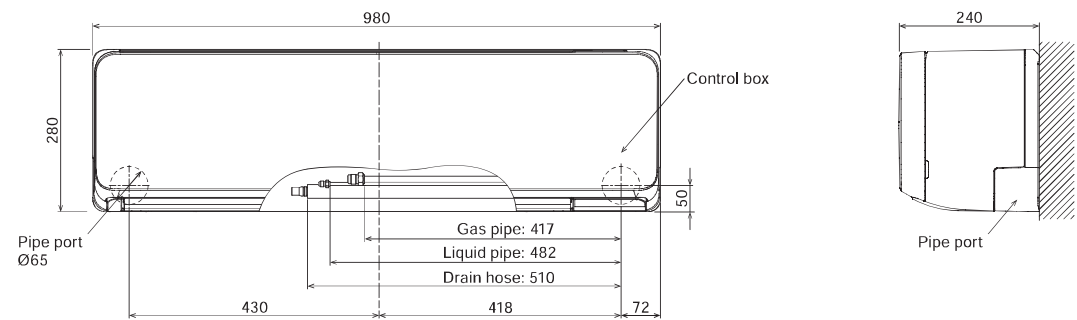
\* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type):	UTY-RVRY	Wireless remote controller:	UTY-LNWX	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB*1:	UTY-XCSXZ2	Silver Ion filter:	UTR-FA16-5
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXF2	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY		UTY-TFSXH3	External connect kit:	UTY-XWZXZ5
Simple remote controller:	UTY-RSRY		FC-AC-WIF1Z1		

\*1 It is required when 2 or more external input and output ports are used.

### Dimensions

(Unit: mm)





SPLIT

KM Series

Wall-mounted type

Standard Range

High-Efficiency & Large Rooms

REFRIGERANT R32

ALL DC

Save

Economy

Powerful

HEAT

Low Noise

Changeover

Double

Adjust

Restart

Sleep

Program

Weekly

Filter

Special Cooling

ION

AF

Washable

Blue Fin

### Special Cooling

When it is necessary to be constantly cooled such as rooms with a high heat load, it is possible to operate the cooling with keeping performance even when the outside temperature is low.

- \* Wired remote controller (UTY-RNRYZ5) is required.
- \* Please note that we will not provide compensation for any damages suffered to your appliances or data as a result of using this function.
- \* Please use it in low-humidity environments. Condensation and other problems may be caused when used in high-humidity environments.



### Human sensor

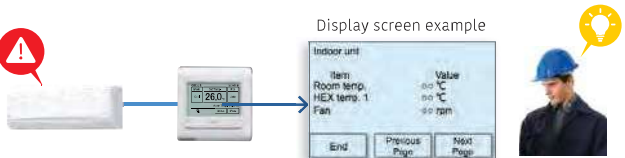
The Human sensor monitors the movements of people in a room and operates the air conditioner at a lower capacity when people leave the room. When people come back to the room, it automatically returns to the previous operating mode.



### Refrigerant cycle monitor (Option)

Wired Remote Controller (Touch Panel) will support to display some sensor values for maintenance and service support.

\*Wired remote controller (UTY-RNRYZ5 or UTY-RVRV) is required.



### Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

\* For more information about smart device control, please refer to the page C-020.



Model: ASEH30KMTB / ASEH36KMTB



Specifications								
Model name		Indoor unit			ASEH30KMTB		ASEH36KMTB	
		Outdoor unit			AOEH30KMTB		AOEH36KMTB	
Power Source					Single phase, ~230V, 50Hz			
Capacity	Cooling	Rated	kW	8.0		9.4		
		Min.-Max.		2.9-9.0		2.9-10.0		
	Heating	Rated		8.8		10.1		
		Min.-Max.		2.2-11.8		2.7-12.6		
Input Power	Cooling/Heating			kW	2.33/2.20		3.16/2.73	
EER	Cooling			W/W	3.43		2.97	
COP	Heating				4.00		3.70	
Pdesign	Cooling/Heating (-10°C)			kW	8.0/6.5		9.4/7.1	
SEER	Cooling			W/W	6.68		6.10	
SCOP	Heating (Average)				4.50		4.50	
Energy Efficiency Class	Cooling			A++		A++		
	Heating (Average)			A+		A+		
Max. Operating Current	Cooling/Heating			A	21.0/21.0		21.5/21.5	
Annual Energy Consumption	Cooling			kWh/a	419		534	
	Heating				1,994		2,189	
Moisture Removal				l/h	2.6		3.8	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	50/44/40/33		50/44/40/33		
	Indoor (Heating)	H/M/L/Q		49/44/39/33		49/44/39/33		
Sound Power Level	Outdoor (Cooling/Heating)	High		53/55		55/55		
	Indoor (Cooling/Heating)	High		65/65		65/65		
	Outdoor (Cooling/Heating)	High		68/69		70/70		
	Indoor/Outdoor (Cooling)	High		1,330/3,750		1,330/3,750		
Airflow Rate	Indoor/Outdoor (Heating)	High	1,330/3,750		1,330/3,750			
Net Dimensions H x W x D	Indoor			mm	340 × 1,150 × 280		340 × 1,150 × 280	
	Outdoor			mm	788 × 940 × 320		788 × 940 × 320	
Weight	Indoor			kg	18.5		18.5	
	Outdoor			kg	52.0		52.0	
Connection Pipe Diameter (Liquid/Cas)				mm	9.52/15.88		9.52/15.88	
Drain Hose Diameter (I.D./O.D.)					13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max. Pipe Length (Pre-Charge)				m	50(30)		50(30)	
Max. Height Difference					30		30	
Operating Range	Cooling			°CDB	-15to46		-15to46	
	Heating				-15to24		-15to24	
Refrigerant	Type (Global Warming Potential)				R32(675)		R32(675)	
	Charge			kg (CO2eq-T)	1.90(1.283)		1.90(1.283)	

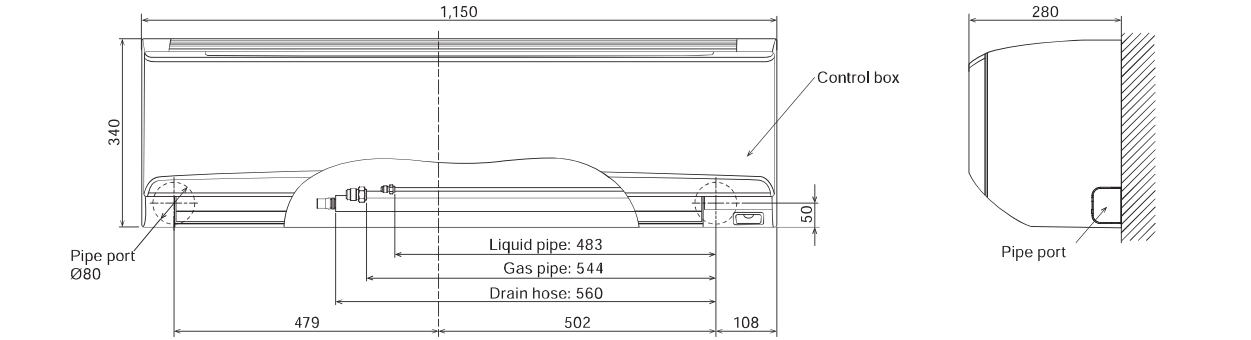
Optional parts \* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type):	UTY-RVRV	Wireless remote controller:	UTY-LNWX	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	Communication kit:	UTY-TWRXZ2	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5	External input and output PCB*1:	UTY-XCSXZ2	Silver Ion filter:	UTR-FA13-3
Wired remote controller:	UTY-RLRY	WLAN adapter:	UTY-TFSXF2	External switch controller:	UTY-TERX
Simple remote controller (without operation mode):	UTY-RHRY		UTY-TFSXH3	External connect kit:	UTY-XWZXZ5
Simple remote controller:	UTY-RSRY		FC-AC-WIF1Z1		

\*1 It is required when 2 or more external input and output ports are used.

### Dimensions

(Unit: mm)





SPLIT

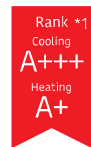
## Floor

Compact Size



## High energy saving

The Floor 09 class achieves a top-class SEER of 8.50 and an A+++ seasonal efficiency rank for cooling.  
The Floor 09 class achieves an improved SCOP of 4.30 and an A+ seasonal efficiency rank for heating.



SEER **8.50**<sup>\*1</sup> SCOP **4.30**<sup>\*1</sup>

\*1: 09 model

## Flexible & easy installation

The compact and whole-surface suction design provides flexible installation options, including floor-standing, embedded, half concealed, and wall mount installation to match the room layout.



(Unit: mm)  
\* Concave position installation with concealment is prohibited.

## Low ambient operation

Factory-guaranteed cooling operation down to -10°C ambient temperature.



## Smart device control (Option)

With the optional WLAN adapter installed in the air conditioner, you can control it from anywhere with your smart device.

\* See page C-020 for details on smart device control.

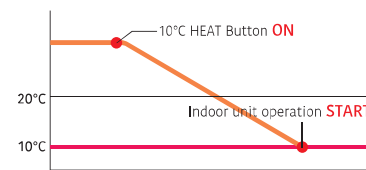


AIRSTAGE  
Mobile



## 10°C heat

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.



Model: AGEG09KVCA / AGEG12KVCA / AGEG14KVCA



Wireless RC



For AGEG09/12KVCA



For AGEG14KVCA

## Specifications

Model name	Indoor unit		AGEG09KVCA	AGEG12KVCA	AGEG14KVCA
	Outdoor unit		AOEG09KVCA	AOEG12KVCA	AOEG14KVCA
Power Source			Single phase, ~230 V, 50 Hz		
Capacity	Cooling	Rated	2.5	3.5	4.2
		Min.-Max.	0.9-3.5	0.9-4.0	0.9-5.2
	Heating	Rated	3.5	4.5	5.2
		Min.-Max.	0.9-5.1	0.9-5.3	0.9-6.3
Input Power	Cooling/Heating		0.53/0.81	0.88/1.22	1.06/1.41
EER	Cooling		4.70	4.00	3.95
COP	Heating		4.30	3.70	3.70
Pdesign	Cooling/Heating (-10°C)		2.50/2.60	3.50/3.50	4.20/4.20
SEER	Cooling		8.50	8.20	8.10
SCOP	Heating (Average)		4.30	4.10	4.00
Energy Efficiency Class	Cooling		A+++	A++	A++
	Heating (Average)		A+	A+	A+
Max. Operating Current	Cooling/Heating		A	7.0/8.5	11.0/12.0
Annual Energy Consumption	Cooling		103	149	181
	Heating (Average)		845	1,192	1,466
Moisture Removal			l/h	1.3	1.8
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	40/35/29/22	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/M/L/Q	41/35/29/22	41/35/29/22	43/37/29/22
	Outdoor (Cooling/Heating)	High	43/47	45/51	51/50
	Indoor (Cooling/Heating)	High	53/54	53/54	57/56
Sound Power Level	Outdoor (Cooling/Heating)	High	58/61	61/64	63/63
	Indoor/Outdoor (Cooling)	High	570/1,530	570/1,530	650/2,210
Airflow Rate	Indoor/Outdoor (Heating)	High	600/1,510	600/1,510	650/2,100
	Net Dimensions H x W x D	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
Weight	Indoor	mm	542 x 799 x 290	542 x 799 x 290	632 x 799 x 290
	Outdoor	kg	14	14	14
Connection Pipe Diameter (Liquid/Gas)	Indoor	kg	31	31	38
	Outdoor	kg	31	31	38
Drain Hose Diameter (I.D./O.D.)			6.35/9.52	6.35/9.52	6.35/9.52
Max. Pipe Length (Pre-Charge)			13.8/15.8 to 16.7	13.8/15.8 to 16.7	13.8/15.8 to 16.7
Max. Height Difference			20 (15)	20 (15)	20 (15)
			15	15	15
Operating Range	Cooling		-10 to 46	-10 to 46	-10 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)
	Charge		kg (CO2eq-T)	0.85 (0.574)	0.85 (0.574)

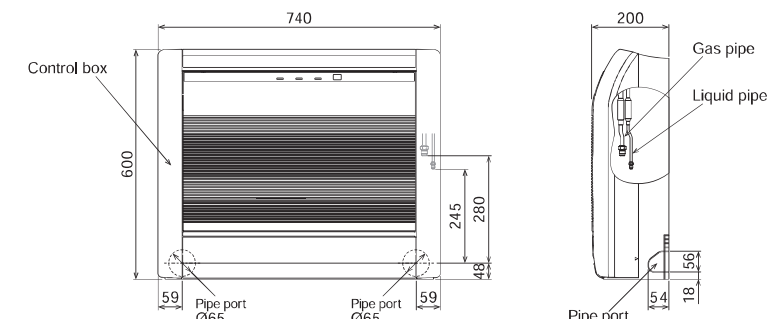
## Optional parts

\* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type):	UTY-RVRY	External switch controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Compact wired remote controller:	UTY-RCRYZ1	WLAN adapter:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired remote controller (touch panel):	UTY-RNRYZ5		FG-AC-WIF121	Silver Ion Filter:	UTR-FA03-5
Wired remote controller:	UTY-RLRY		UTY-TFSXJ3	External connect kit:	UTY-XWZXZ5
Simple remote controller (without operation mode):	UTY-RHRY	Half concealed kit:	UTR-STA		
Simple remote controller:	UTY-RSRY	Communication kit:	UTY-TWRXZ3		

## Dimensions

(Unit: mm)





A new air conditioner designed to seamlessly integrate with your senses and interior.

# LG ARTCOOL™ Gallery

Premium / Special



## Key Feature

Explore the ARTCOOL 2<sup>nd</sup> Evolution Gallery – An Interior Masterpiece.

### Art Display (27" Full HD LCD)

Experience a 27" Full HD LCD display incorporated into the air conditioning unit. Customize the screen to suit your mood and preferences.



### Wood Frame Design

Featuring a modern and luxurious design that seamlessly harmonizes with any space.



The ARTCOOL Gallery has Excellence Design Awards from the IDEA. (International design excellence awards)

## Create the Interior Settings Using the LG ThinQ App

Choose up to 20 photos from your phone and send them to Look at Me through the ThinQ app, allowing you to view them on the air conditioner.



※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.  
※ Specifications may vary for each model.









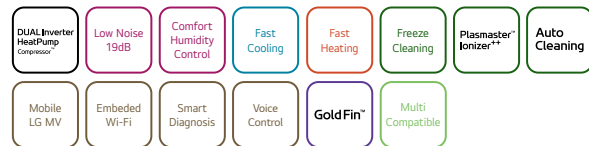


LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : [www.eurovent-certification.com](http://www.eurovent-certification.com)

### Single Combination

UNIT				9K	12K
INDOOR				A09GA1.NSE	A12GA1.NSE
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.60 / 3.70	0.89 / 3.70 / 4.04
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 4.70
	Heating -7°C	Rated	kW	2.60	3.20
Power Input	Cooling / Heating	Rated	W	623 / 808	1,057 / 1,078
EER			W/W	4.17	3.5
S.E.E.R.				7.3	7
P design C			kW	2.6	3.7
COP			W/W	4.08	3.71
S.C.O.P		(Average / Warmer)		4.3 / 5.0	4.3 / 5.0
P design H (Average / Warmer)			kW	2.8 / 1.5	2.8 / 1.5
Energy Label (A+++ to D Scale)	Cooling		A++		A++
	Heating	(Average / Warmer)	A+ / A++		A+ / A++
Annual Energy Consumption	Cooling		kWh	124	184
	Heating	(Average / Warmer)	kWh	911 / 413	911 / 413
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42	28 / 36 / 42
Sound Power	Cooling		dB(A)	60	60
	Heating	S / L / M / H / Max. (Power)	m³/min	3 / 6 / 8 / 10 / 12	3 / 6 / 8 / 10 / 12
Air Flow Rate	Heating	L / M / H	m³/min	6 / 8 / 10	6 / 8 / 10
			l/h	1.1	1.3
Dehumidification Rate					
Running Current	Cooling	Min. / Rated / Max.	A	1.1 / 3.0 / 6.0	1.1 / 4.6 / 6.2
	Heating	Min. / Rated / Max.	A	1.1 / 3.7 / 7.2	1.1 / 4.8 / 7.2
Starting Current	Cooling / Heating	Rated	A	3.0 / 3.7	4.6 / 4.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20
Fan Motor Output			W	32.7	32.7
OUTDOOR				A09GA1.U18	A12GA1.U18
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	50 / 53	50 / 53
Sound Power	Cooling	High	dB(A)	62	62
Air Flow Rate		High	m³/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO <sub>2</sub> eq		kg	0.8 / 0.540	0.8 / 0.540
	Chargeless		m	10	10
	Additional Charge		g/m	20	20
Fan Motor Output			W	43	43
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	33.4	33.4
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

\* : Sound Pressure is not a value declared on Eurovent Program.  
※ This product contains Fluorinated greenhouse gases (R32).  
※ S : Sleep / L : Low / M : Medium / H : High  
※ GWP : Global warming potential  
※ t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000  
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.  
※ Y : Available or Applied / - : Not Available or Not Applied



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : [www.eurovent-certification.com](http://www.eurovent-certification.com)

### Single Combination

UNIT				9K	12K
INDOOR				A09GA2.NSE	A12GA2.NSE
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.60 / 3.70	0.89 / 3.70 / 4.04
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 4.70
	Heating -7°C	Rated	kW	2.60	3.20
Power Input	Cooling / Heating	Rated	W	623 / 808	1,057 / 1,078
EER			W/W	4.17	3.5
S.E.E.R.				7.3	7
P design C			kW	2.6	3.7
COP			W/W	4.08	3.71
S.C.O.P		(Average / Warmer)		4.3 / 5.0	4.3 / 5.0
P design H (Average / Warmer)			kW	2.8 / 1.5	2.8 / 1.5
Energy Label (A+++ to D Scale)	Cooling		A++		A++
	Heating	(Average / Warmer)	A+ / A++		A+ / A++
Annual Energy Consumption	Cooling		kWh	124	184
	Heating	(Average / Warmer)	kWh	911 / 413	911 / 413
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42	28 / 36 / 42
Sound Power	Cooling		dB(A)	60	60
	Heating	S / L / M / H / Max. (Power)	m³/min	3 / 6 / 8 / 10 / 12	3 / 6 / 8 / 10 / 12
Air Flow Rate	Heating	L / M / H	m³/min	6 / 8 / 10	6 / 8 / 10
			l/h	1.1	1.3
Dehumidification Rate					
Running Current	Cooling	Min. / Rated / Max.	A	1.1 / 3.0 / 6.0	1.1 / 4.6 / 6.2
	Heating	Min. / Rated / Max.	A	1.1 / 3.7 / 7.2	1.1 / 4.8 / 7.2
Starting Current	Cooling / Heating	Rated	A	3.0 / 3.7	4.6 / 4.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20
Fan Motor Output			W	32.7	32.7
OUTDOOR				A09GA2.U18	A12GA2.U18
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	50 / 53	50 / 53
Sound Power	Cooling	High	dB(A)	62	62
Air Flow Rate		High	m³/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO <sub>2</sub> eq		kg	0.8 / 0.540	0.8 / 0.540
	Chargeless		m	10	10
	Additional Charge		g/m	20	20
Fan Motor Output			W	43	43
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	33.4	33.4
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

\* : Sound Pressure is not a value declared on Eurovent Program.  
※ This product contains Fluorinated greenhouse gases (R32).  
※ S : Sleep / L : Low / M : Medium / H : High  
※ GWP : Global warming potential  
※ t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000  
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.  
※ Y : Available or Applied / - : Not Available or Not Applied



Customer satisfaction is our main priority. Client reviews available on these sites:



**Olive Air**

Website Directions Save Call

4.9 ★★★★★ 60 Google reviews

Air conditioning contractor in Ipswich, England

You manage this Business Profile

Address: Unit 13, 4 Berwick Rd, Ransomes Industrial Estate, Ipswich IP3 9RY

Areas served: Suffolk and nearby areas

Hours: Open 24 hours -

Phone: 01473 928660

Edit your business information

Questions & answers  
Be the first to ask a question

Send to your phone

Reviews from the web

Which? Trusted Traders	Facebook	Checkatrade
5/5	5/5	10/10
10 reviews	11 votes	60 votes

Reviews

Reviews aren't verified

"Very impressed by the service provided and the quality of the work."

★★★★★

"Would highly recommend this company and fantastic prices."

★★★★★

"Tom arrived very quickly and immediately began to diagnose the problem."

★★★★★

View all Google reviews

From Olive Air

"Our aim, at OliveAir, is to provide a personal and professional service to all of our customers, whether large or small. Based within East Anglia, we aim to provide services to air conditioning, refrigeration and renewable energy sectors. Offering... [More](#)



<https://www.google.com/>

★★★★★ a year ago

Positive: Professionalism, Punctuality, Quality, Responsiveness, Value

We recently had an air conditioning/heater installed by Tom and team and it has been a pleasure dealing with them from start to finish. They were very helpful in the initial stages of deciding what unit to get, the date they gave to install was honoured and it was overall a really pleasant experience. They even came with 2 days notice to fix the pipe which was drilled through accidentally.

Would highly recommend.

Services: Repair HVAC, Install AC

1 Like

★★★★★ a month ago

Excellent team came to install our air conditioning. We troubleshooted the various options to ensure that the outside was as aesthetically pleasing as possible whilst ensuring that the indoor units were in a suitable place. We are very happy with the appearance inside and outside. We would highly recommend Olive Air.

1 Like

★★★★★ 3 years ago

Positive: Professionalism, Punctuality, Quality, Responsiveness, Value

Tom fitted air con in our bedroom, he was helpful, polite and a tidy worker. He was happy and quick to help when I needed it. He's been back to do the yearly service which was easy and quick. While he was here he also took a look at the ground source heat pump, that he noticed had an error message on, he fixed this and explained to me what may have caused the problem in a way I could understand, unlike the company I had used before. We're so happy with his knowledge and work that we have him booked in again to do its yearly service also. Thanks Tom

Service: Ductless heating & A/C services

1 Like

★★★★★ 8 months ago

Positive: Professionalism, Punctuality, Quality, Responsiveness, Value

First class service from installation and annual servicing

Services: Heating system installation, Heating system maintenance

1 Like

★★★★★ 9 months ago

Very pleased with the overall service and the Air to Air ASHP System unit supplied. Thank you OliveAir

Service: Install AC

1 Like



Olive Air Ltd  
Unit 2 Beamish Hub, 4 Berwick Road  
Ipswich  
IP3 9RY  
01473 928660  
07877 512 906  
[www.oliveair.co.uk/](http://www.oliveair.co.uk/)



[trustedtrader.team/Suffolk/Olive-Air-Ltd](https://trustedtrader.team/Suffolk/Olive-Air-Ltd)

**Olive Air Ltd**

★★★★★ 4.9 out of 5 based on 11 reviews and feedback

★★★★★ 7th April 2025

Value of Products/Services or Work Performed: £1 - £1000

Ratings

★★★★★ Value for money

★★★★★ Customer service or reliability

★★★★★ Quality of service or product

★★★★★ Likelihood to use again or recommend

Overall Rating ★★★★★

Review Comments

Second annual service from this company on my heat pump. They have been organised and thorough. Would happily recommend

Jenny Newell

★★★★★ 7th April 2025

Value of Products/Services or Work Performed: £1 - £1000

Ratings

★★★★★ Value for money

★★★★★ Customer service or reliability

★★★★★ Quality of service or product

★★★★★ Likelihood to use again or recommend

Overall Rating ★★★★★

Review Comments

Annual service to my air source heat pump system. Annual reminder was e-mailed through in a timely manner. When the appointment was booked in, it was clearly stated all parts and pricing if anything needed doing. The engineer arrived on time on the date booked and was very pleasant and courteous throughout the appointment. He was mindful of the property and carried out the service in a timely fashion. Once he had completed the service he advised that everything was in order.

This is the second time I have used Olive Air; I was let down by the manufacturer of the system that I have and then had to source another provider. When I found Olive Air and saw they dealt with the system I have, my initial contact was replied to promptly and all costings were advised.

I have no hesitation in recommending Olive Air.

★★★★★ 3rd April 2025

Value of Products/Services or Work Performed: £1 - £1000

Ratings

★★★★★ Value for money

★★★★★ Customer service or reliability

★★★★★ Quality of service or product

★★★★★ Likelihood to use again or recommend

Overall Rating ★★★★★

Review Comments

I moved into a house with an air source heatpump. Never had one so wanted it serviced and an explanation of how to use it! Friendly knowledgeable service from start to finish.

Mel Knight





## Customer Reviews

9.81 /10

Based on 10 reviews over the past 12 months

- Quality of work 9.9
- Reliability 9.7
- Communication 10

### Reviews (75)

10

Posted 03 April

#### Heat pump service

Great communication, reliable and friendly.

Job location: IP17

10

Posted 17 February

#### Servicing of an air conditioning unit.

Efficient communication. Thorough service on air conditioning unit. Identified one advisory to be made aware of and clear explanation of it. Engineer very pleasant,...

[Read more](#)

Verified reviewer

Job location: IP14

10

Posted 10 January

#### Fixed heat pump

Olive Air were brilliant from the exceptional Joanna from their Admin dept, she kept me informed at every stage and even answered my queries on her day off...

[Read more](#)

Verified reviewer

Job location: NR16

Find us on



#### Review summary



[Read reviews](#)

[Write a review](#)

#### Business overview

Air Conditioning, Heat Pumps & Refrigeration Repairs, Installations and service maintenance. F Gas. Free no obligation quote.

[www.oliveair.co.uk](http://www.oliveair.co.uk)

Our aim, at OliveAir, is to provide a personal and professional service to all of our customers, whether large or small. Based within East Anglia, we aim to provide services to air conditioning, refrigeration and renewable energy sectors. Offering new installations, refits, service/reactive calls and planned preventative maintenance.

Breakdowns will be dealt with quickly and as efficiently as possible. We are registered with Refcom (Reg No. REF1009537). All of our work conforms to British Standards and complies with F-gas regulations.

Contact us today, we will be happy to help!

F Gas, G3, NVQ and City Guilds Certified.

Call for a free no obligation quote. I

#### Our location



#### Photos



## Excellent company



Olive Air (Tom Oliver) Installed an air source heat pump for us in our lounge, primarily intended to be used as air conditioning in the summer. However, we have used it for heating too as I found it to be very efficient. The installation was on a Friday and had a few problems, but Tom stayed late into the evening until he was satisfied with it. A problem arose which I told Tom about on Saturday afternoon so he came back on Sunday to fix it. How many trades people would do that? Very impressed and highly recommended. Ian

Thanks, Tom. Good Work!



Tom was very helpful in installing 2 units in our house. Neat work finding a route for the pipework to outside. Reasonable prices and efficient service. Thanks! Alan

## Aircon installation



Tom installed 2 aircon units for me he did a very clean and professional job keeping me up to date with delivery and start date and his price was competitive. I found Tom to be very pleasant and the whole experience stress-free would highly recommend.



.Scan the QR code with your mobile phone camera, to go directly to our page on Checkatrade.com website







# Olive air

Heating | Cooling | Refrigeration

Offering a friendly, knowledgeable and reliable service to domestic and commercial customers throughout East Anglia. Olive Air specialise in the service and repairs of all heat pumps, air conditioning & refrigeration systems.

**Get in touch with us NOW for help or advice with any of your heating or cooling needs.**

## Contact Us

Tel: 01473 928660

Mobile: 07877 512906

Email: [info@oliveair.co.uk](mailto:info@oliveair.co.uk)

Address: UNIT 2 Berwick Road,  
Ipswich, Suffolk, IP3 9RY

[oliveair.co.uk](http://oliveair.co.uk)

