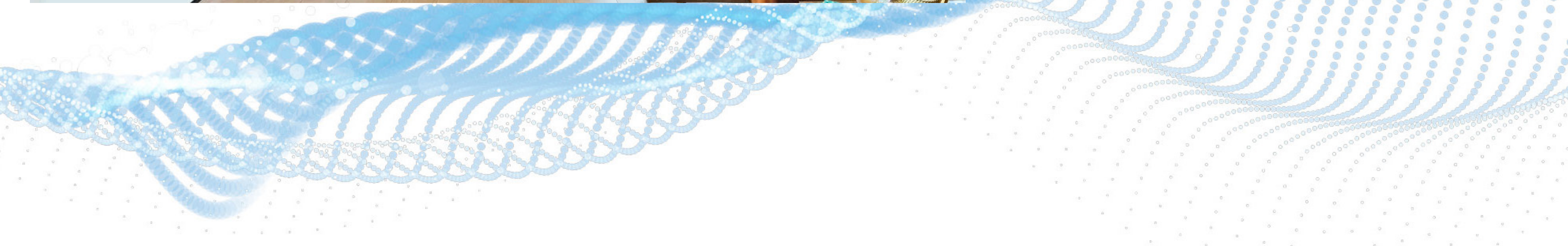
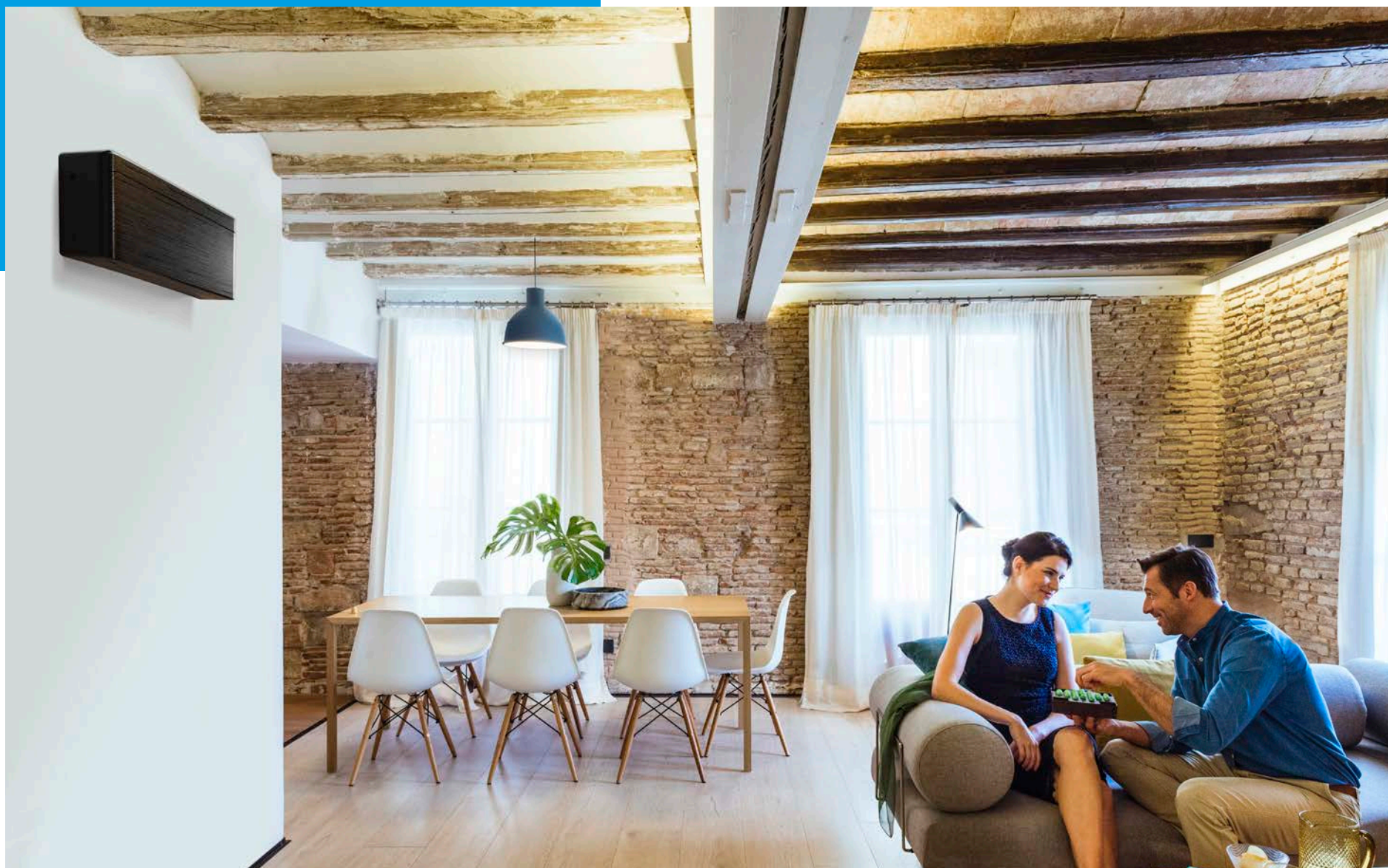


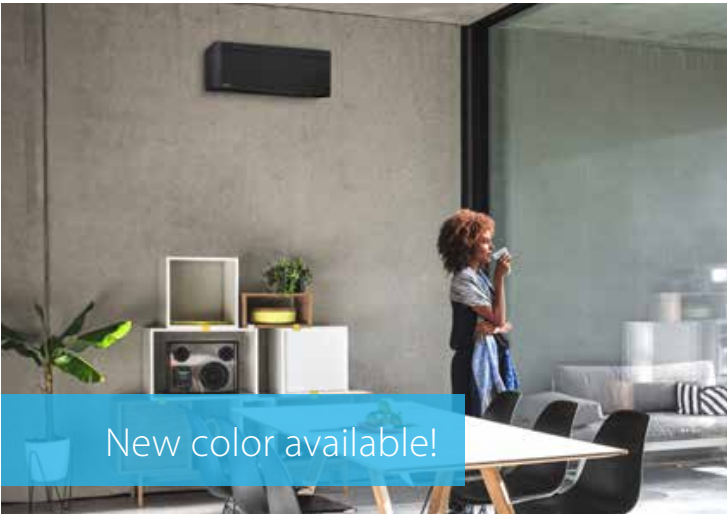
Residential Air Conditioning



Energy Efficient Heating & Cooling
For Your Home







New color available!



Stylish

where innovation meets creativity



White FTXA-AW



Silver FTXA-B5



Black FTXA-BB

- 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

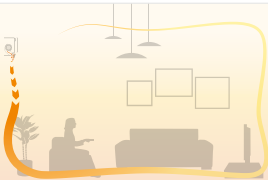
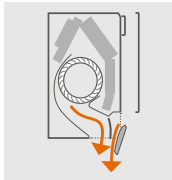
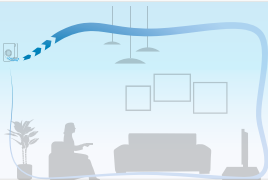
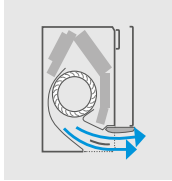
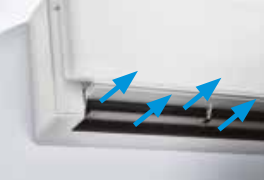


GOOD DESIGN
AWARD 2017

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).



C/FTXA-AW/BB/BT/BS + RXA-A9/B

Wall mounted unit

Where innovation meets creativity

- A compact and functional design suitable for all interiors in a white, black, silver and blackwood 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
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency

stylish

BLUEEVOLUTION



Seasonal efficiency values up to A+++ in cooling and heating

More details and final information can be found by scanning or clicking the QR codes.



CTXA-AW



CTXA-BB



CTXA-BT



CTXA-BS



RXA-A9



FTXA-AW



FTXA-BB



FTXA-BT



FTXA-BS



RXA-B

Efficiency data		FTXA + RXA	CTXA15AW/BS/BT/BB	20AW/BS/BT/BB + 20A9	25AW/BS/BT/BB + 25A9	35AW/BS/BT/BB + 35A9	42AW/BS/BT/BB + 42B	50AW/BS/BT/BB + 50B
Cooling capacity	Min./Nom./Max.	kW	Connectable to multi outdoor units only	1.30/2.00/2.60	1.30/2.50/3.20	1.40/3.40/4.00	1.70/4.20/5.00	1.70/5.00/5.30
	Min./Nom./Max.	kW		1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.70/5.40/6.00	1.70/5.80/6.50
Power input	Cooling	Min./Nom./Max.		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./Max.		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			A+++			A++	
	Capacity	Pdesign		2.00	2.50	3.40	4.20	5.00
	SEER			8.75	8.74	8.73	7.50	7.33
	Annual energy consumption	kWh/a		80	100	136	196	239
Space heating (Average climate)	Energy efficiency class			A+++			A++	
	Capacity	Pdesign		2.40	2.45	2.50	3.80	4.00
	SCOP/A			5.15			4.60	
	Annual energy consumption	kWh/a		653	666	680	1,150	1,217
Nominal efficiency	EER			4.70	4.46	4.37	3.99	3.68
	COP			5.00			4.12	
	Annual energy consumption	kWh		-			526	
	Energy labeling Directive	Cooling/Heating		A/A			679	

Indoor unit				FTXA	CTXA15AW/BS/BT/BB	20AW/BS/BT/BB	25AW/BS/BT/BB	35AW/BS/BT/BB	42AW/BS/BT/BB	50AW/BS/BT/BB
Dimensions	Unit	HeightxWidthxDepth		mm	295x798x189					
Weight	Unit			kg	11.5					
Air filter	Type				Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min	4.6/6.1/8.2/11.0		4.6/6.1/8.6/11.5	4.6/6.1/8.6/11.9	4.6/7.2/9.8/13.1	5.2/7.6/10.4/13.5
		Heating	Silent operation/Low/Medium/High	m³/min	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			dBA	57			60		
Sound pressure level	Cooling	Silent operation/Low/High		dBA	21/25/39	19/25/39	19/25/40	19/25/41	21/29/45	24/31/46
	Heating	Silent operation/Low/High		dBA	21/25/39	19/25/39	19/25/40	19/25/41	21/29/45	24/33/46
Control systems	Infrared remote control				ARC466A58					

Outdoor unit		RXA	20A9	25A9	35A9	42B	50B
Dimensions	Unit	HeightxWidthxDepth	mm	550x840x350		734x870x373	
Weight	Unit		kg	32		50	
Sound power level	Cooling	Nom.	dBA	59.0	61.0	62.0	
	Heating	Nom.	dBA	59.0	61.0	62.0	
Sound pressure level	Cooling	Nom.	dBA	46.0	49.0	48.0	
	Heating	Nom.	dBA	47.0	49.0	48.0	
Operation range	Cooling	Ambient	Min.~Max.	-15~24		-15~18	
	Heating	Ambient	Min. - Max.	-10~46		-10~46	
Refrigerant	Type/GWP			R-32/675.0		R-32/675.0	
Piping connections	Charge		kg/TCO2eq	0.76/0.52		1.10/0.75	
	Liquid/Gas	OD	mm	6.35/9.50		6.35/12.7	
	Piping length	OU - IU	Max.	20		30	
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)		0.02 (for piping length exceeding 10m)	
Power supply	Level difference	IU - OU	Max.	15.0		20	
	Phase/Frequency/Voltage		Hz/V	1~50 / 220-240		1~50 / 220-240	
Current - 50Hz	Maximum fuse amps (MFA)		A	10		13	

Contains fluorinated greenhouse gases | See separate drawing for operation range | See separate drawing for electrical data | 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.



Stylish Installations



Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- › Seasonal efficiency values up to A+++ in cooling and heating
- › 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
- › 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)



More details and final information can be found by scanning or clicking the QR codes.



CTXM-R



FTXM-R



RXM-R



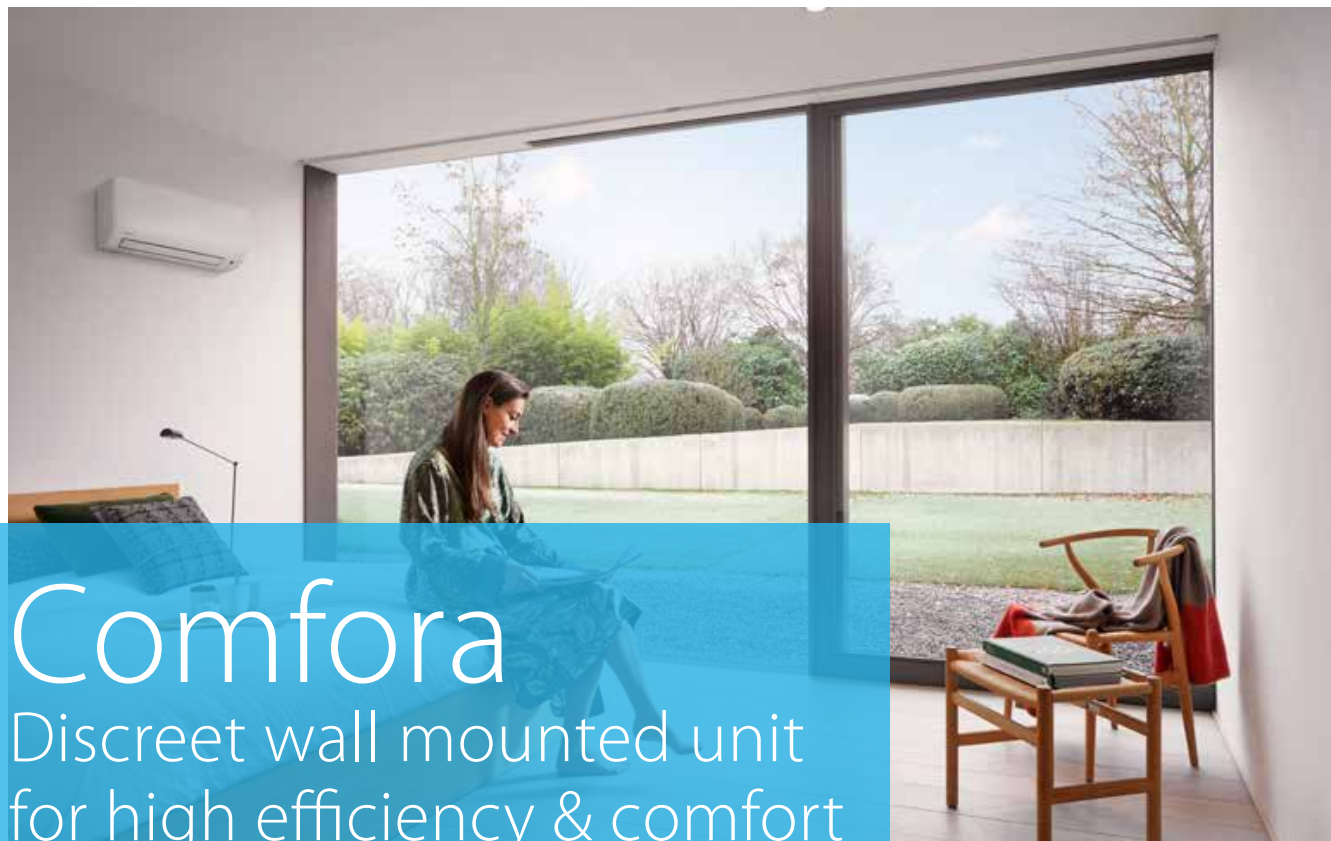
RXM-R9

Efficiency data				FTXM + RXM	CTXM15R	20R + 20R9	25R + 25R9	35R + 35R9	42R + 42R	50R + 50R	60R + 60R	71R + 71R	
Cooling capacity	Min./Nom./Max.			kW	Multi combination only	1.30/2.00/2.60	1.30/2.50/3.20	1.40/3.40/4.00	1.70/4.20/5.00	1.70/5.00/6.00	1.70/6.00/7.00	2.30/7.10/8.50	
Heating capacity	Min./Nom./Max.			kW		1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.70/5.40/6.00	1.70/5.80/7.70	1.70/7.00/8.00	2.30/8.20/10.20	
Power input	Cooling	Nom.		kW		0.44	0.56	0.80	0.97	1.36	1.77	2.34	
	Heating	Nom.		kW		0.50	0.56	0.99	1.31	1.45	1.94	2.57	
Space cooling	Energy efficiency class						A++			A++			
	Capacity	Pdesign		kW		2.00	2.50	3.40	4.20	5.00	6.00	7.10	
	SEER						8.65		7.85	7.41	6.90	6.20	
Space heating (Average climate)	Annual energy consumption			kWh/a		81	101	137	187	236	304	401	
	Energy efficiency class						A++		A++		A+		
	Capacity	Pdesign		kW		2.30	2.40	2.50	4.00	4.60	4.80	6.20	
Nominal efficiency	SCOP/A						5.10		4.71		4.30	4.10	
	Annual energy consumption			kWh/a		631	659	686	1,189	1,368	1,562	2,117	
	EER					4.57	4.50	4.23	4.33	3.68	3.39	3.03	
	COP						5.00	4.04	4.12	4.00	3.61	3.19	
	Annual energy consumption			kWh	219	278	402	485	679	885	1,172		
Energy labeling Directive				Cooling/Heating		A/A						B/D	
Indoor unit				FTXM	CTXM15R	20R	25R	35R	42R	50R	60R	71R	
Dimensions	Unit	HeightxWidthxDepth		mm		295x778x272			299x998x292				
Weight	Unit			kg		10.0			14.5				
Air filter	Type					Removable/washable							
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min		4.3/5.7/7.5/10.5	4.1/5.7/7.6/10.5	4.2/6.0/7.8/11.3	4.3/6.5/9.0/11.9	8.3/11.4/14/15.8	9.1/11.8/14/16.7	10.0/12.2/15/16.9	
		Heating	Silent operation/Low/Medium/High	m³/min		5.1/6.2/8.2/9.3	4.9/6.3/8.0/9.8	4.9/6.5/8.5/9.8	4.9/6.5/9.7/12.4	10.5/12.0/14.2/15.8	11.1/12.4/15.2/16.5	11.6/12.7/15.8/17.7	
Sound power level	Cooling			dBA		57		58	60	58.0	60.0		
	Heating			dBA			54		60	58.0	59.0	61.0	
Sound pressure level	Cooling	Silent operation/Low/High		dBA		19/25/41		19/29/45	21/30/45	27.0/36.0/44.0	30.0/37.0/46.0	32.0/38.0/47.0	
	Heating	Silent operation/Low/High		dBA		20/26/39	20/27/39	20/28/39	21/29/45	31.0/34.0/43.0	33.0/36.0/45.0	34.0/37.0/46.0	
Control systems				Infrared remote control		ARC466A67							
Outdoor unit				RXM	CTXM15R	20R9	25R9	35R9	42R	50R	60R	71R	
Dimensions	Unit	HeightxWidthxDepth		mm	Multi combination only	552x840x350			734x954x401				
Weight	Unit			kg		32			49.0				
Sound power level	Cooling	Nom.		dBA		59.0	58.0	61.0	-				
	Heating	Nom.		dBA				61.0	-				
Sound pressure level	Cooling	Nom.		dBA			59.0		61.0	48.0			47.0
	Heating	Nom.		dBA			46.0	49.0		48.0	49.0		48.0
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-10~50			48.0	-10~50		-10~46
	Heating	Ambient	Min. - Max.	°CDB				-20~24					-15~24
Refrigerant	Type/GWP						R-32/675.0						
Piping connections	Charge			kg/TCO2eq			0.76/0.52			1.10/0.750	1.15/0.780		
	Liquid	OD		mm			6.35				6		
Piping connections	Gas	OD		mm				9.50			12.7		15.9
	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				20.0		
	Phase/Frequency/Voltage			Hz/V			1~/50 /220-240						
	Current - 50Hz			Maximum fuse amps (MFA)	A	10		13		16		20	

See separate drawing for operation range | See separate drawing for electrical data | 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. | 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 | See separate drawings for electrical data

Perfera Installations

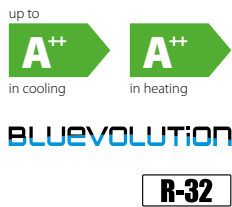




Comfora

Discreet wall mounted unit for high efficiency & comfort

Why choose Comfora?



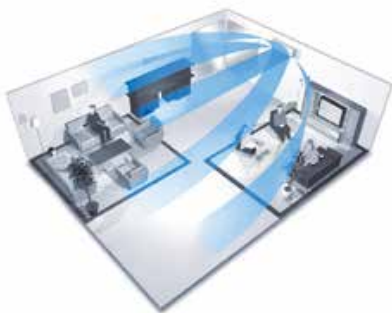
Efficiency

Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency.

Seasonal efficiency values up to A++ in cooling and heating.

Comfort

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.



Onecta app

Control your indoor from any location with an app, via your local network or internet.

NEW Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc.



Silver allergen removal and air purifying filter

Silver allergen removal and air purifying filter: captures allergens such as pollen to ensure a steady supply of clean air.



Low sound down to 19 dBA

Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19 dBA.

FTXP-M(9) + RXP-M

Wall mounted unit

Discreet wall mounted unit providing high efficiency and comfort

- › Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- › Onecta app (optional): 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
- › Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- › 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
- › The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Seasonal efficiency values up to A++ in cooling and heating
- › Space saving contemporary wall mounted design

comfora



- › Up to 3 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.

More details and final information can be found by scanning or clicking the QR codes.



FTXP-M



FTXP-M9



RXP-M

Efficiency data				FTXP + RXP	20M9 + 20M	25M9 + 25M	35M9 + 35M	50M + 50M	60M + 60M	71M + 71M
Cooling capacity	Min./Nom./Max.			kW	1.3/2.00/2.6	1.3/2.50/3.0	1.3/3.50/4.0	1.7/5.0/6.0	1.7/6.0/7.0	2.3/7.1/7.3
Heating capacity	Min./Nom./Max.			kW	1.30/2.50/3.50	1.30/3.00/4.00	1.30/4.00/4.80	1.7/6.0/7.7	1.7/7.0/8.0	2.3/8.2/9.0
Power input	Cooling	Min./Nom./Max.		kW	0.31/0.50/0.72	0.31/0.65/0.72	0.29/1.01/1.30	0.320/1.385/1.826	0.332/1.824/2.980	0.449/2.689/3.274
	Heating	Min./Nom./Max.		kW	0.25/0.52/0.95	0.25/0.69/0.95	0.29/1.00/1.29	0.440/1.579/2.356	0.456/1.928/2.787	0.617/2.571/3.306
Space cooling	Energy efficiency class							A ⁺⁺		
	Capacity	Pdesign		kW	2.00	2.50	3.50	5.0	6.0	7.1
	SEER				6.79	6.92	6.62	7.30	6.82	6.20
	Annual energy consumption			kWh/a	103	126	186	240	308	401
Space heating (Average climate)	Energy efficiency class					A ⁺⁺			A ⁺	
	Capacity	Pdesign		kW	2.20	2.40	2.80	4.60	4.80	6.20
	SCOP/A				4.65	4.61	4.64	4.40	4.10	4.01
	Annual energy consumption			kWh/a	662	728	845	1,463	1,638	2,166
Nominal efficiency	EER				4.02	3.83	3.49	3.61	3.29	2.64
	COP				4.77	4.36	4.02	3.80	3.63	3.19
	Annual energy consumption			kWh	249	326	505	693	912	1,345
	Energy labeling Directive	Cooling/Heating			A/A			-/-		
Indoor unit				FTXP	20M9	25M9	35M9	50M	60M	71M
Dimensions	Unit	HeightxWidthxDepth		mm	286x770x225			295x990x263		
Weight	Unit			kg	8.50		9.00	13.5		
Air filter	Type				Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min	4.2/5.6/7.4/9.5	4.2/5.8/7.7/9.7	4.5/6.3/8.3/11.5	8.3/11.5/14.0/16.3	9.2/11.8/14.4/16.8	10.1/11.8/14.4/16.8
		Heating	Silent operation/Low/Medium/High	m³/min	5.2/6.2/8.1/10.4	5.2/6.4/8.1/10.4	5.3/7.0/9.0/11.5	10.4/11.8/14.4/17.3	11.0/12.4/15.3/17.9	
Sound power level	Cooling			dBA	55		58	59	60	62
	Heating			dBA	55		58	61	62	
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/39	19/26/40	20/27/43	27/34/43	30/36/45	32/37/46
	Heating	Silent operation/Low/High		dBA	21/28/39	21/28/40	21/29/40	30/38/42	32/40/44	33/41/45
Control systems	Infrared remote control				ARC480A53					
Outdoor unit				RXP	20M	25M	35M	50M	60M	71M
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275			734x870x373		
Weight	Unit			kg	26		28	46.0	50.0	
Sound power level	Cooling				60		62	61	63	66
Sound pressure level	Cooling	Nom.			46		48	47	49	52
	Heating	Nom.			47		48	49		52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~48					
	Heating	Ambient	Min.~Max.	°CWB	-20~18					
Refrigerant	Type				R-32					
	GWP				675.0					
	Charge			kg/CO2Eq	0.55/0.37		0.70/0.48	0.90/0.61	1.15/0.78	
Piping connections	Liquid	OD		mm	6.4			6.35		
	Gas	OD		mm	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	12			20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240					
Current - 50Hz	Maximum fuse amps (MFA)			A	16		20			

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 electrical data | See separate drawing for operation range | Contains fluorinated greenhouse gases





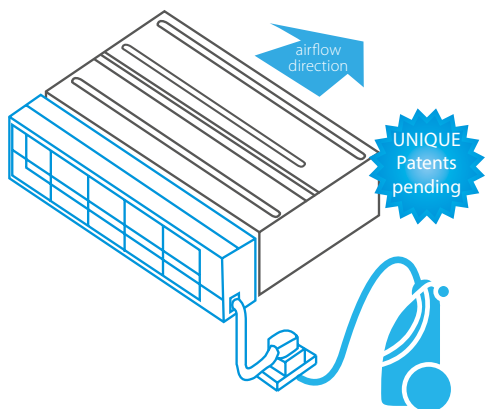
FDXM-F9

Compact concealed ceiling unit, with a height of only 200mm

- › Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- › Improved in-room air quality, higher efficiency and lower maintenance costs as dust can easily be removed with a vacuum cleaner (self cleaning kit option)
- › Compact dimensions, can easily be mounted in a ceiling void of only 240mm

Auto cleaning filter option

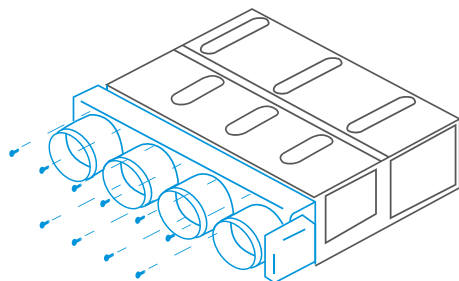
Filter cleaning takes place automatically with the timing set via the remote control. The dust is collected in a dustbox integrated in the unit. Once full dust can be removed easily via a vacuum cleaner without opening the unit.



- › Onecta app (optional): control your indoor with voice control and from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Low energy consumption thanks to DC fan motor

Multi zoning: supply multiple room with one indoor unit

The zoning kit increases the flexibility of Split, Sky Air and VRV system applications by allowing multiple individually-controlled climate zones to be served by one indoor unit



Plug and play plenum



up to

A+

in cooling

up to

A+

in heating

FDXM-F9 + RXM-R(9)

Concealed ceiling unit

Compact concealed ceiling unit, with a height of only 200mm

- › Invisible unit as the unit is concealed in the ceiling: only the suction and discharge grilles are visible
- › Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- › Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- › Unified indoor unit range for R-32 and R-410A
- › Auto cleaning filter option ensures maximum efficiency, comfort and reliability by regular filter cleaning
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Onecta app (optional): 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
- › Low energy consumption thanks to DC fan motor



More details and final information can be found by scanning or clicking the QR codes.



FDXM-F9



RXM-R



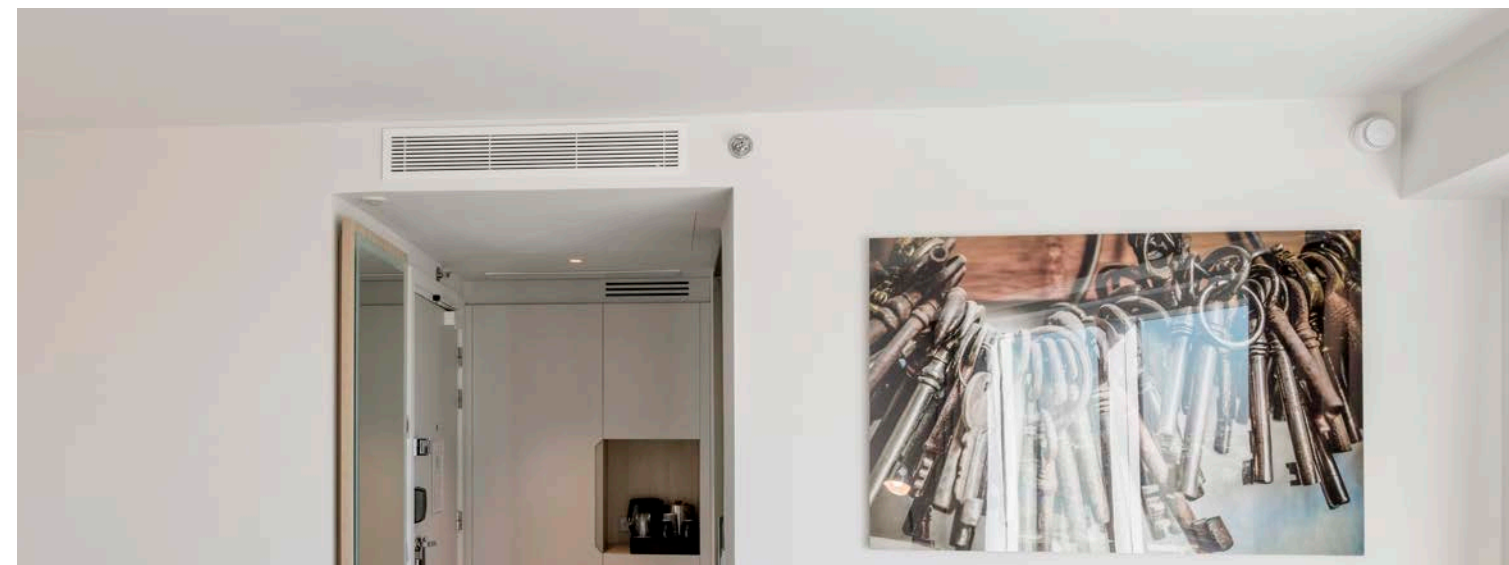
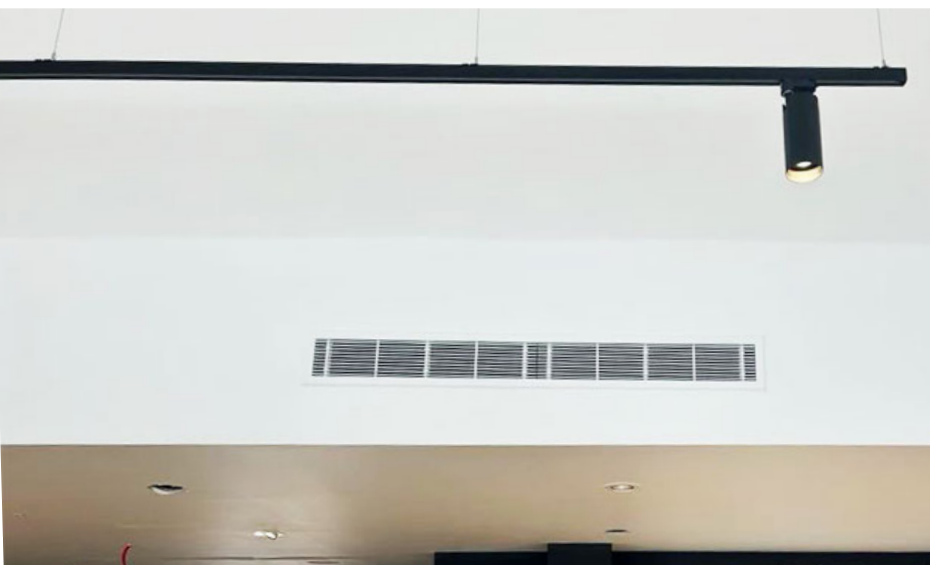
RXM-R9

Efficiency data		FDXM + RXM		25F9 + 25R	35F9 + 35R	50F9 + 50R	60F9 + 60R
Cooling capacity	Min./Nom./Max.	kW		1.30/2.40/3.00	1.40/3.40/3.80	1.70/5.00/5.30	1.70/6.00/6.50
Heating capacity	Min./Nom./Max.	kW		1.30/3.20/4.50	1.40/4.00/5.00	1.70/5.80/6.00	1.70/7.00/7.10
Space cooling	Energy efficiency class			A+	A	A+	A
	Capacity	Pdesign	kW	2.40	3.40	5.00	6.00
	SEER			5.68	5.26	5.77	5.56
	Annual energy consumption	kWh/a		148	226	303	378
Space heating (Average climate)	Energy efficiency class			A+		A	
	Capacity	Pdesign	kW	2.60	2.90	4.00	4.60
	SCOP/A			4.24	3.88	3.93	3.80
	Annual energy consumption	kWh/a		858	1,046	1,424	1,693
Indoor unit		FDXM		25F9	35F9	50F9	60F9
Dimensions	Unit	HeightxWidthxDepth		mm		200x750x620	
Weight	Unit			kg		21	
Air filter	Type			Removable/washable			
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	7.3/8.0/8.7		13.3/14.6/15.8
	Heating	Low/Medium/High		m³/min	7.3/8.0/8.7		13.3/14.6/15.8
	External static pressure	Nom.		Pa	30		40
Sound power level	Cooling			dBA		53.0	55.0
	Heating			dBA		53.0	55.0
Sound pressure level	Cooling	Low/High		dBA		27.0/35.0	30.0/38.0
	Heating	Low/High		dBA		27.0/35.0	30.0/38.0
Control systems	Infrared remote control						
Outdoor unit		RXM		25R9	35R9	50R	60R
Dimensions	Unit	HeightxWidthxDepth		mm		550x765x285	
Weight	Unit			kg		32	
Sound power level	Cooling	Nom.		dBA		58	61
	Heating	Nom.		dBA		59	61
Sound pressure level	Cooling	Nom.		dBA		46	49
	Heating	Nom.		dBA		47	49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46	
	Heating	Ambient	Min. - Max.	°CDB		-15~24	
Refrigerant	Type			R-32			
	GWP						
Piping connections	Charge			kg/TCO2Eq		675	
	Liquid	OD		mm		0.76/0.52	
	Gas	OD		mm		6.35	
	Piping length	OU - IU	Max.	m		9.50	
Power supply	System	Chargeless		m		20	
	Additional refrigerant charge			kg/m		10	
	Level difference	IU - OU	Max.	m		0.02 (for piping length exceeding 10m)	
Current - 50Hz	Phase/Frequency/Voltage	Hz/V		1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A		13			

See separate drawing for electrical data | See separate drawing for operation range | 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. | Contains fluorinated greenhouse gases



Ducted Installations



Floor standing unit

Design floor standing unit for optimal heating comfort thanks to unique heating features

- › Seasonal efficiency values up to A++ in heating, resulting in low running costs compared to gas boilers and electric heating
- › Excellent contemporary design
- › 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)
- › The floor warming function optimises convection by distributing hot air from the bottom of the unit
- › The heat plus function provides 30 minutes cosy heating by simulating radiant heat
- › Dual air discharge flow for better air distribution
- › 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.



- › Quiet operation: down to 19dBA sound pressure level
- › Combinable with 2 and 3 port multi outdoor units (except 2-3MXM68)

More details and final information can be found by scanning or clicking the QR codes.



CVXM-A



FVXM-A



RXM-R



RXM-R9

Efficiency data			FVXM + RXM	CVXM20A	25A + 25R9	35A + 35R9	50A + 50R
Cooling capacity	Min./Nom./Max.		kW	Multi connection only	1.30/2.40/3.50	1.40/3.40/4.00	1.40/5.00/5.80
Heating capacity	Min./Nom./Max.		kW		1.30/3.40/4.70	1.40/4.50/5.80	1.40/5.80/8.10
Power input	Cooling	Nom.	kW		0.54	0.85	1.31
	Heating	Nom.	kW		0.75	1.15	1.52
Space cooling	Energy efficiency class				A+++		A++
	Capacity	Pdesign	kW		2.40	3.40	5.00
	SEER				8.55	8.11	7.30
Space heating (Average climate)	Annual energy consumption		kWh/a		98	147	240
	Energy efficiency class					A++	A+
	Capacity	Pdesign	kW		2.30	2.80	4.10
	SCOP/A				4.65	4.63	4.31
	Annual energy consumption		kWh/a		693	847	1,330
Nominal efficiency	EER				4.47	4.01	3.81
	COP				4.55	3.90	3.81
	Annual energy consumption		kWh		268	424	656
	Energy labeling Directive		Cooling/Heating			A/A	

Indoor unit		FVXM		CVXM20A	25A	35A	50A
Dimensions	Unit	HeightxWidthxDepth		mm	600x750x238		
Weight	Unit			kg	17		
Air filter	Type				Removable / washable		
Fan	Air flow rate	Cooling	Silent operation/Low/ Medium/High	m³/min	4.1/4.9/7/8.7		5.4/6.6/9/11.6
		Heating	Silent operation/Low/ Medium/High	m³/min	4.1/5.6/7.2/9.2		5.9/8.4/10.0/12.8
Sound power level	Cooling			dBA	52.0		61.0
	Heating			dBA	52.0		62.0
Sound pressure level	Cooling	Silent operation/Low/High	dBA	22.0/25.0/38.0	20.0/25.0/38.0	20.0/25.0/39.0	27.0/31.0/44.0
	Heating		Silent operation/Low/High	dBA	21.0/25.0/38.0	19.0/25.0/38.0	19.0/25.0/39.0
Control systems	Infrared remote control			ARC466A66			

Outdoor unit				RXM	CVXM20A	25R9	35R9	50R
Dimensions	Unit	HeightxWidthxDepth		mm	Multi connection only	552x840x350		734x954x401
Weight	Unit			kg		32		49.0
Sound power level	Cooling	Nom.		dBA		58.0	61.0	62.0
	Heating	Nom.		dBA		59.0	61.0	62.0
Sound pressure level	Cooling	Nom.		dBA		46.0	49.0	48.0
	Heating	Nom.		dBA		47.0	49.0	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46		
	Heating	Ambient	Min. - Max.	°CDB		-15~24		
Refrigerant	Type/GWP					R-32/675.0		
	Charge			kg/TCO2Eq				
Piping connections	Liquid/Gas	OD		mm		0.76/0.52	1.15/0.780	
	Piping	OU - IU	Max.	m		6.35/9.50	6/12.7	
	length	System	Chargeless	m		20	30	
	Additional refrigerant charge			kg/m		10		
	Level difference	IU - OU	Max.	m		0.02 (for piping length exceeding 10m)		
Power supply	Phase/Frequency/Voltage			Hz/V		15	20.0	
Current - 50Hz	Maximum fuse amps (MFA)			A		1~/50 /220-240		
						13	16	

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 | See separate drawing for electrical data | Cooling: indoor temp. 27°CDB, 19°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 | See separate drawings for electrical data

Floor Standing Installations

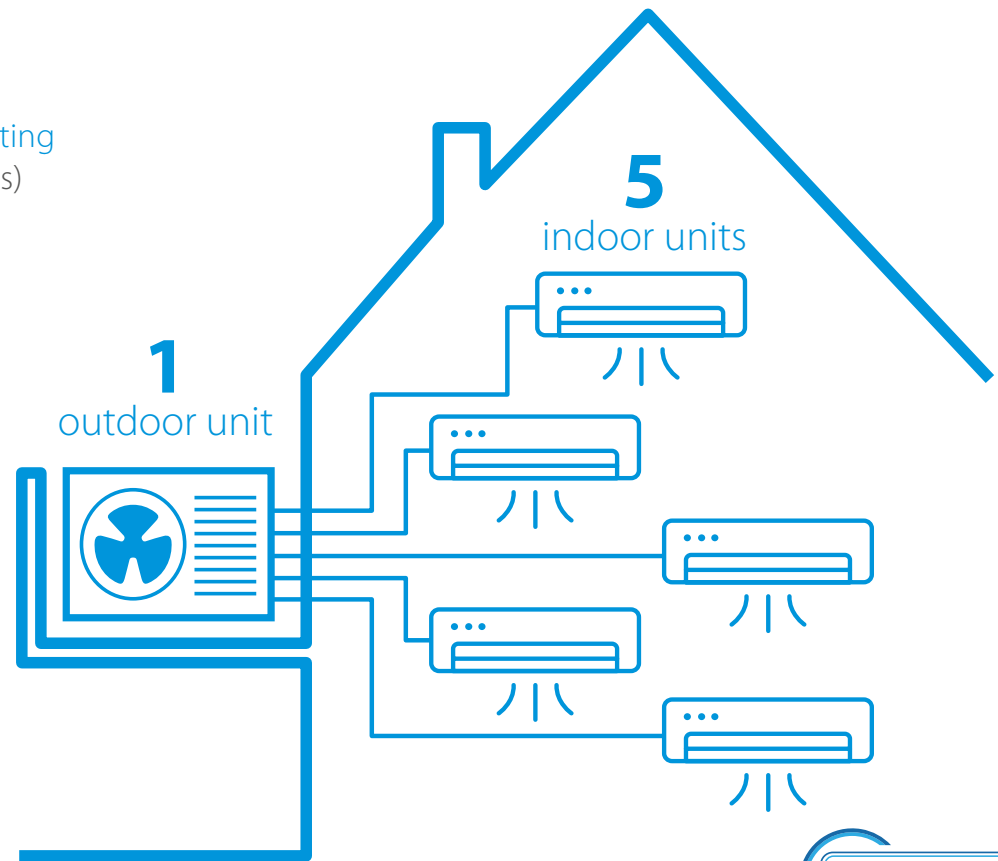




Multi

A Daikin multi split system offers you unexpected possibilities in creating a comfortable and cosy home. This is your solution to reduce limitations like environmental impact and financial aspects.

Multi
for cooling and heating
(up to 5 indoor units)



2/3/4/5MXM-A

BLUEVOLUTION

Multi model application

- › New design outlook for full range
- › Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- › Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



CONNECTABLE INDOOR UNITS	CTXA-AW/BS/BT/BB	Wall mounted															Concealed ceiling						Floor standing			Round flow	Fully flat	Ceiling suspended	Concealed floor standing																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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More details and final information can be found by scanning or clicking the QR codes.



2MXM-A



3MXM-A



4MXM-A



5MXM-A

Outdoor unit				2MXM40A	2MXM50A	2MXM68A	3MXM40A	3MXM52A	3MXM68A	4MXM68A	4MXM80A	5MXM90A
Dimensions	Unit	HeightxWidthxDepth	mm	552x852x350		734x958x340	734x974x401			734x958x340		
Weight	Unit		kg	36	41	60.0	57		62.0	63.0	67.0	68.0
Sound power level	Cooling			60		61.0	59.0			61.0		64.0
Sound pressure level	Cooling	Nom./High	dBA	-/46	-/48	48.0/-	46/-			48.0/-		52.0/-
	Heating	Nom./High	dBA	-/48	-/50	48.0/-	47/-		-/-	49.0/-		52.0/-
Operation range	Cooling	Ambient	Min.~Max.	-10~46								
	Heating	Ambient	Min.~Max.	-15~18								
Refrigerant	Type			R-32								
	GWP			675.0								
Piping connections	Charge		kg/CO2Eq	0.88/0.60	1.15/0.78	2.00/1.35	1.80/1.22		2.00/1.35		2.40/1.62	
	Liquid	OD	mm	6.4		6.35	6.4			6.35		
	Gas	OD	mm	9.5		9.50	9.5			9.50		
	Piping length	OU - IU	Max.	20 (1)					25 (1)			
	System	Chargeless	m	-					30			
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 20m)					0.02 (for piping length exceeding 30m)			
Power supply	Level difference	IU - OU	Max.	15.0								
	Phase/Frequency/Voltage		Hz/V	1~/50 /220-230-240					1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A	16		20	16		20		25	32

(1)For one room | See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases | For combination with CVXM-A, FVXM-A - maximum piping length is 30m.

Benefits Overview

		Wall Mounted				Ducted Floor Mounted	
		FTXJ-AW/S/B	C/FTXA-AW/BS/BT/BB	C/FTXM-R	FTXP-M(9)	FDXM-F9	C/FVXM-A
We care	Econo mode	•	•	•	•		•
	2-area motion detection sensor	•		•			
	3-area motion detection sensor						
	Energy saving during operation standby	•	•	•	•		•
	Home leave operation					•	
	Night set mode	•	•	•	•		•
	Fan only	•	•	•	•	•	•
	Auto cleaning filter					•	
	Comfort mode	•	•	•	•		
	Powerful mode	•	•	•	•		•
Comfort	Auto cooling-heating changeover	•	•	•	•		•
	Whisper quiet (down to 19dBA)	•	•	•	•		•
	Practically inaudible	•	•	•	•		•
	Indoor unit silent operation	•	•	•	•		•
	Comfortable sleeping mode						
	Outdoor unit silent operation	•	•	•			•
	Fire place logic						
	Heat boost			•			•
	Heat plus						•
	Floor warming						•
Air flow	3-D Air flow	•	•	•	•		
	Vertical auto swing	•	•	•	•		•
	Horizontal auto swing	•	•	•	•		
	Auto fan speed	•	•	•	•		•
	Fan speed steps	5	5	5	5	3	5
	Intelligent thermal sensor		•				
	Coanda Effect		(cooling and heating)				
Humidity control	Ururu - humidification						
	Sarara - dehumidification						
	Dry programme	•	•	•	•	•	•
Air treatment	Flash Streamer**		•	•			•
	Titanium apatite deodorising filter	•	•	•	•		•
	Silver allergen removal and air purifying filter	•		•	•		•
	Air filter	•	•	•	•	•	•
Remote control & timer	Onecta app	•	•	•	•	•	•
	Weekly timer	•	•	•	•	•	•
	24 Hour timer	•		•	•	•	•
	Infrared remote control	•	•	•	•	•	•
	Wired remote control	•	•	•	•	•	•
Other functions	Centralised remote control	•	•	•		•	•
	Multi zoning					•	
Other functions	Auto-restart	•	•	•	•	•	•
	Self-diagnosis	•	•	•	•	•	•
	Multi model application	•	•	•	20,25,35 class	•	(2 and 3 port)
	Guaranteed operation down to -25°C						

* Available as option
** The Flash Streamer technology



Hello Madoka.
The beauty of simplicity

Madoka for Heating
guarantees comfort, intuitively

Available in three attractive colours, Madoka adds style and sophistication to any interior space. Measuring just 85 x 85 mm, Madoka is an extremely compact, wired remote controller.

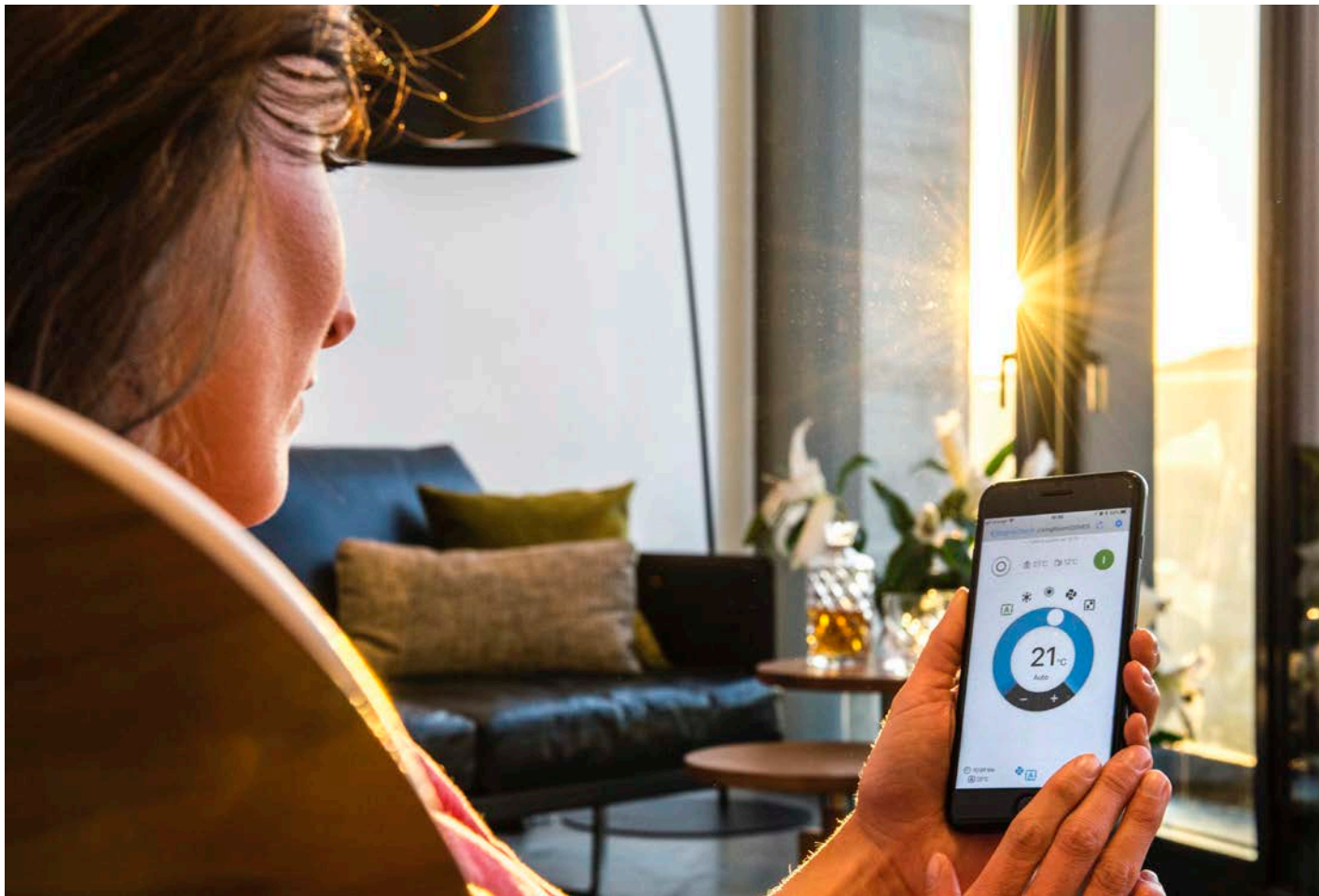
Madoka combines refinement and simplicity. The intuitive touch button control enlarges the display and makes Madoka both easy and enjoyable to use.

Increase end-user energy savings even further, thanks to the smart modulating room control. This function ensures a more stable room temperature by lowering or raising the water temperatures depending on room temperature requirements and reducing on/off cycling times.



Part Number		BRC1HHDS	BRC1HHDW	BRC1HHDK
Casing	Colour	Silver	White	Black
Dimensions	Height x Width x Depth	mm 85 x 85 x 25	85 x 85 x 25	85 x 85 x 25
Weight	Unit	kg 0.11	0.11	0.11
LCD	Type	100 x 150 dots	100 x 150 dots	100 x 150 dots
	Dimensions	mm 40.7 x 28	40.7 x 28	40.7 x 28
	Back light	White	White	White
Ambient temperature	Operation range	°C -10 ~ 50	-10 ~ 50	-10 ~ 50
	Relative humidity	% 95	95	95
Wiring connections	Type of wires	Sheathed vinyl cord or cable	Sheathed vinyl cord or cable	Sheathed vinyl cord or cable
	Cable size	mm² 0.75 - 1.25	0.75 - 1.25	0.75 - 1.25
	Max. wiring length	m 500	500	500





Connectivity

The Onecta app can control and monitor up to 50 split air conditioning units.
All Bluevolution units are connectable with the Onecta app.

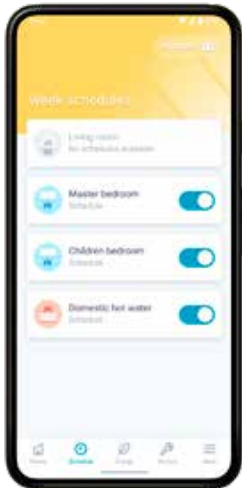
Control

Control operation mode, temperature, air purification, fan speed & direction



Schedule

Schedule the set temperature, operation mode and fan speed



Monitor

Monitor your energy consumption, set holiday schedule



Identify

Identify the rooms of your house



Daikin Onecta App

Always in control of your heating - any time, anywhere



Take control with the Daikin Onecta App

- › Monitor, adjust and schedule both your space heating and domestic hot water via an easy-to-use smart device app
- › Review your heat pump energy consumption to increase your savings*
- › Control multiple units at different locations from the single app, including system status and operating mode reporting

Compatibility Table		LAN Adaptor & SG Card BRP069A61	LAN Adaptor BRP069A62	WLAN Cartridge BRP069A78	LAN Adaptor 2* BRP069A71
Function	Daikin ONECTA App				
	Low Capacity Monobloc Class 4-8 (R32)**	ED(B)LA-E		✓	✓
	Low Capacity R Split Class 4-8 (R32)**	ERGA-E		✓	✓
	High Capacity R Split Class 11-16 (R32)**	ERLA-D		✓	✓
	Low Capacity H HT Class 8-12 (R32)**	EPRA-E		✓	✓
	High Capacity H HT Class 14-18 (R32)**	EPRA-D		✓	✓
	Hybrid Class 5-8 (R410a)	EVLQ-C	✓		
	Hybrid Monobloc Class 4 (R32)	EJHA-A	✓		
Compatibility	High Capacity Monobloc Class 9-16 (R32)	ED(B)LA-D		✓	✓

Specification (BRP069A62/71)	
Installation	Indoors
Max. Humidity	95%
Operating Temp.	5 to 35 °C
Connection	LAN via Ethernet Cable
Power Source	P1 / P2 Controller
Height	mm 123
Length	mm 208
Depth	mm 40

* Energy monitoring is only possible with T07 software and D series units

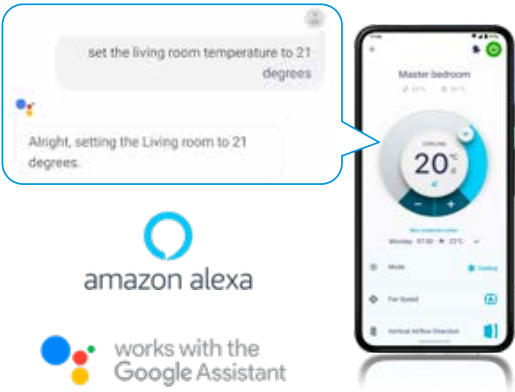
Notes:
* A WLAN cartridge (to be plugged into the MMI) is delivered as indoor unit accessory for these products. Alternatively (e.g. in case of weak signal strength), you can install the optional wireless LAN module BRP069A71.
** BRP069A78 WLAN Cartridge is supplied with the product.

Intuitive online and voice control

Control your system and enjoy maximum comfort, just by using your voice. Via Amazon Alexa or Google Assistant you can control main functions such as temperature set point, operation mode, fan speed, and much more!

Your benefits

- › Access to various features for controlling your internal climate
- › Manage the temperature, operating mode, air purification and fans with the interactive thermostat
- › Create different operating schedules and modes
- › Monitor energy consumption

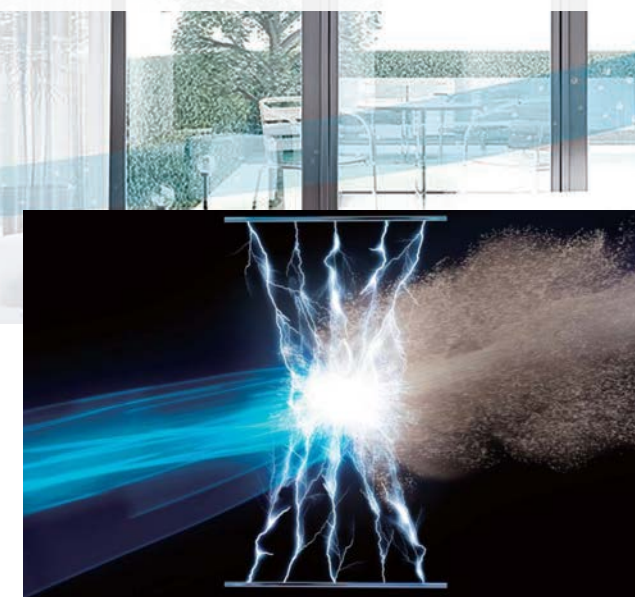




Cleaner, purer air

State-of-the-art filtration

Mitsubishi Electric's Premium and Zen series incorporate powerful filters for neutralising air contaminants. Air pollution in the home can be 2-5 times higher than outdoors. Our innovative Plasma Quad Technology, built in to the Premium models, provides highly effective filtration performance against common pollutants, improving air quality for the whole household.



Plasma Quad Technology

- Neutralises airborne bacteria/virus/allergens/mould/dust/PM2.5
- Inhibits SARS-CoV-2 by 99.8%*
- Standard on Premium Series

Silver-ionised filter

- Neutralises airborne bacteria and dust PM3.0
- Standard on Zen series and optional for the Elegance wall-mounted unit.

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

Neutralising particles effectively

Mitsubishi Electric's Plasma Quad Technology provides a powerful plasma-based filter system that inhibits viruses and bacteria. It breaks down mould and allergens, absorbing dust and microscopic particles into its strong electrical field. It highly effectively neutralises 6 of the most common kinds of air pollutants:

- Virus
- Bacteria (staphylococcus)
- Allergens (such as pet fur and pollen)
- Mould
- Microscopic particles (PM2.5)
- Dust



Mitsubishi Electric Home Air Conditioning

Ultra-quiet air you feel but hardly hear

A peaceful night's sleep. A quiet place to work undisturbed. Blending powerful performance with noise levels as low as 19dB(A) – quieter than a library – our whisper-quiet systems respect the silence and tranquillity of the home, in the places where it's important.



40 dB(A)



60 dB(A)



80 dB(A)



120 dB(A)



MSZ-LN Premium Series



MSZ-LN Inverter Heat Pump Wall Mounted System

Product Specifications

Mseries



MSZ-LN - INDOOR UNITS		MSZ-LN18VG R/B/V/W	MSZ-LN25VG R/B/V/W	MSZ-LN35VG R/B/V/W	MSZ-LN50VG R/B/V/W	MSZ-LN60VG 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 (1.0 - 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 (0.99 - 3.47)	3.47 (0.79 - 3.96)	4.95 (0.99 - 5.94)	6.05 (1.38 - 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)	-	5.2 / 10.5	5.1 / 9.5	4.6 / 8.5	4.6 / 7.5	
EPR ENERGY EFFICIENCY CLASS	Heating/Cooling	-	A+++ / A+++	A+++ / A+++	A+++ / A+++	A++ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mid-Hi-SHi) Cooling (SLo-Lo-Mid-Hi-SHi)	67-95-118-142-240 71-97-118-147-198	67-95-118-142-240 71-97-118-147-198	71-97-118-142-228 71-97-118-147-213	90-107-142-178-262 95-127-148-177-232	110-158-192-227-262 118-147-177-212-262
PIPE SIZE MM (in)	Gas Liquid	9.52 (3/8") 6.35 (1/4")	9.52 (3/8") 6.35 (1/4")	9.52 (3/8") 6.35 (1/4")	9.52 (3/8") 6.35 (1/4")	12.7 (1/2") 6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating (SLo-Lo-Mid-Hi-SHi) Cooling (SLo-Lo-Mid-Hi-SHi)	19-24-29-36-45 19-23-29-36-42	19-24-29-36-45 19-23-29-36-42	19-24-29-36-45 19-24-29-36-43	25-29-34-39-47 27-31-35-39-46	29-37-41-45-49 29-37-41-45-49
SOUND POWER LEVEL (dBA)		58 58	58 58	58 58	60 60	65 65
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		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

Notes: MSZ-LN18VG is for use with MXZ-F Multi-Split outdoor units only.



MUZ-LN - OUTDOOR UNITS		MUZ-LN25VG	MUZ-LN35VG	MUZ-LN50VG	MUZ-LN60VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	49 / 46	50 / 49	54 / 51	55 / 55
SOUND POWER LEVEL (dBA)	Cooling	60	61	64	65
WEIGHT (kg)		35 / 40	35	55	55
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714	840 x 330 x 880
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)	0.580 / 0.485	0.800 / 0.820	1.480 / 1.380	1.810 / 1.790
	Heating/Cooling (UK)	0.523 / 0.406	0.722 / 0.686	1.335 / 1.151	1.632 / 1.494
STARTING CURRENT (A)		3.0	4.0	6.8	7.9
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	3.0 / 2.5 [7.1]	4.0 / 3.9 [9.9]	6.8 / 6.3 [13.9]	7.9 / 7.9 [15.2]
FUSE RATING (BS88) – HRC (A)		10	10	16	16
MAINS CABLE No. CORES		3	3	3	3
MAX PIPE LENGTH (m)		20	20	20	30
MAX HEIGHT DIFFERENCE (m)		12	12	12	15
CHARGE (kg) / CO ₂ EQUIVALENT (t) – R32 (GWP 675) – 7m		1.0 / 0.68	1.0 / 0.68	1.25 / 0.85	1.45 / 0.98
MAX ADDED QUANTITY (kg) / CO ₂ EQUIVALENT (t) – R32 (GWP 675)		0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.46 / 0.32

MSZ-EF Zen Series



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)	4.96 (1.39-5.36)
		-	-	0.97	0.80	0.70
SHF (nominal)	-	-	-	-	-	-
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	
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	-	A++ / A+++	A++ / A+++	A+ / A++
AIRFLOW (l/s)	Heating/Cooling - SLo-Lo-Mi-Hi-SHi	67-77-103-148-198 / 67-77-105-138-175	67-77-103-148-198 / 67-77-105-138-175	67-77-103-148-198 / 67-77-105-138-175	67-77-103-148-212 / 67-77-105-138-175	107-120-150-185-243 / 97-113-132-153-188
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-SHi	21-24-29-37-45 / 19-23-29-36-42	21-24-29-37-45 / 19-23-29-36-42	21-24-29-37-45 / 19-23-29-36-42	21-24-30-38-46 / 21-24-30-36-42	30-33-37-43-49 / 30-33-36-40-43
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		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-EF OUTDOOR UNITS	MXZ Multi-Split Connection Only	MXZ Multi-Split Connection Only	MUZ-EF25VG	MUZ-EF35VG	MUZ-EF50VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	50 / 49	52 / 52
SOUND POWER LEVEL (dBA)	Cooling	-	58	62	65
WEIGHT (kg)	-	-	31	34	40
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) Heating/Cooling (UK)	-	0.70 / 0.54 0.64 / 0.44	0.95 / 0.91 0.87 / 0.73	1.56 / 1.54 1.42 / 1.24
STARTING CURRENT (A)	-	-	3.6	4.4	7.1
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	3.6 / 3.0 [6.8]	4.4 / 4.2 [6.8]	7.1 / 6.9 [13.6]
FUSE RATING (BS88) - HRC (A)	-	-	10	10	16
MAINS CABLE No. CORES	-	-	3	3	3
MAX PIPE LENGTH (m)	-	-	20	20	30
MAX HEIGHT DIFFERENCE (m)	-	-	12	12	15
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m	-	-	0.62 / 0.42	0.74 / 0.50	1.05 / 0.71
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)	-	-	0.26 / 0.18	0.26 / 0.18	0.46 / 0.31

Notes: MSZ-EF18VGK only available with R32 MXZ multi-split outdoor units. B = Black S = Silver W = White.

MSZ-AP Elegance Series



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 (0.6-2.7)	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 (1.6-7.1)	6.68 (1.8-8.6)
	Cooling (UK)	1.49 (0.5-2.2)	1.98 (0.6-2.7)	2.48 (0.9-3.4)	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)		-	0.80	0.92	0.88	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 / 3.23	3.74 / 3.24	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
ErP ENERGY EFFICIENCY CLASS		-	A+ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A++ / A+++	A+ / A+++
AIRFLOW (l/s)	Heating/Cooling	-	-	-	-	-	-	-	-
PIPE SIZE mm (in)	Heating - SLo-Lo-Mid-Hi-SHi	47-65-75-90-102	47-65-75-90-118	67-83-110-133-197	67-83-110-133-197	73-90-116-143-215	80-95-121-151-215	180-223-257-290-338	170-192-220-255-320
	Cooling - SLo-Lo-Mid-Hi-SHi	47-62-73-87-102	47-62-73-87-110	60-83-105-130-175	60-83-105-130-185	75-95-116-140-175	86-106-125-151-195	157-183-220-267-315	160-192-220-255-310
	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	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")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating - SLo-Lo-Mid-Hi-SHi	21-26-30-35-40	19-26-30-35-42	18-24-34-39-45	18-24-31-38-45	21-29-35-40-45	28-33-38-43-48	30-37-41-45-48	30-37-41-45-51
	Cooling - SLo-Lo-Mid-Hi-SHi	21-26-30-35-40	19-26-30-35-42	18-24-30-36-42	18-24-30-36-42	21-29-34-38-42	28-33-36-40-44	30-37-41-45-48	30-37-41-45-49
SOUND POWER LEVEL (dBA)		54	57	57	57	57	58	65	65
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	798 x 245 x 299	1100 x 257 x 325	1100 x 257 x 325
WEIGHT (kg)		8.9	8.9	10.5	10.5	10.5	10.5	16	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	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	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-AP71VK2
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	48 / 47	50 / 49	51 / 50	52 / 52	57 / 56	55 / 55
SOUND POWER LEVEL (dBA)	Cooling	-	59	59	61	61	64	65	65
WEIGHT (kg)		-	28	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 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	220-240v, 50Hz
PHASE		-	Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	1.00 / 0.46	0.78 / 0.60	1.03 / 0.99	1.39 / 1.30	1.47 / 1.54	1.67 / 1.59	2.12 / 2.01
	Heating/Cooling (UK)	-	0.90 / 0.43	0.70 / 0.50	0.93 / 0.83	1.25 / 1.08	1.32 / 1.28	1.51 / 1.33	1.91 / 1.68
STARTING CURRENT (A)		-	3.2	3.6	4.7	6.1	6.9	7.4	9.3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	3.2 / 2.6 [7.0]	3.6 / 2.9 [7.06]	4.7 / 4.5 [8.46]	6.1 / 5.8 [9.9]	6.5 / 6.9 [13.8]	7.4 / 7.1 [14.0]	9.3 / 8.8 [16.4]
FUSE RATING (BS88) - HRC (A)		-	10	10	10	10	16	16	20
MAINS CABLE No. CORES		-	3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		-	20	20	20	20	20	30	30
MAX HEIGHT DIFFERENCE (m)		-	12	12	12	12	12	15	15
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m		-	0.55 / 0.37	0.55 / 0.37	0.55 / 0.37	0.70 / 0.47	1.00 / 0.68	1.05 / 0.71	1.50 / 1.02
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		-	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.25 / 0.17	0.30 / 0.21	0.30 / 0.21

MSZ-HR Classic Series



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 (1.8-7.4)
	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 (1.29-4.96)	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
ErP ENERGY EFFICIENCY CLASS		A+ / A++	A+ / A++	A+ / A++	A+ / A++	A+ / A++
AIRFLOW (l/s)	Heating/Cooling - SLo-Lo-Mi-Hi-SHi	55-90-123-168 / 60-90-120-162	55-90-123-175 / 60-93-130-195	102-138-187-242 / 107-153-187-218	178-218-278-327 / 173-210-257-327	178-218-278-327 / 173-210-257-327
PIPE SIZE mm (in)	Gas	9.52 (3/8")	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")	6.35 (1/4")
	Heating/Cooling - SLo-Lo-Mi-Hi-SHi	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 PRESSURE LEVEL (dBA)		57	60	60	65	65
SOUND POWER LEVEL (dBA)		57	60	60	65	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 PRESSURE LEVEL (dBA)	Heating/Cooling	50 / 50	51 / 51	51 / 50	57 / 53	57 / 53
SOUND POWER LEVEL (dBA)	Cooling	63	64	64	65	66
WEIGHT (kg)		23	24	35	40	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	800 x 285 x 714
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	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	2.44 / 2.33
	Heating/Cooling (UK)	0.77 / 0.63	0.89 / 0.96	1.40 / 1.62	1.63 / 1.52	2.20 / 1.96
STARTING CURRENT (A)		4.1	5.9	9.0	8.0	10.8
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.1 / 3.8 [4.8]	4.6 / 5.9 [6.4]	6.9 / 9.0 [9.6]	8.0 / 8.0 [14.1]	11.8 / 10.3 [14.1]
FUSE RATING (BS88) - HRC (A)		10	10	16	16	16
MAINS CABLE No. CORES		3	3	3	3	3
MAX PIPE LENGTH (m)		20	20	20	20	20
MAX HEIGHT DIFFERENCE (m)		12	12	12	12	12
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m		0.40 / 0.27	0.45 / 0.30	0.80 / 0.54	1.05 / 0.71	1.05 / 0.71
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.46 / 0.32	0.46 / 0.32

MFZ-KT Floor Mounted



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)	6.0 (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 / 6.8
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A+ / A++	A+ / A++
AIRFLOW (l/s)	Heating - Silent-Lo-Mi-Hi-SHi	58-67-93-122-162	58-67-93-122-162	100-128-157-193-233
	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
		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
SOUND POWER LEVEL (dBA)	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)	Heating/Cooling [MAX]	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 ₂ EQUIVALENT (t) - R32 (GWP 675) - 7m		0.65 / 0.44	0.90 / 0.61	1.20 / 0.81
MAX ADDITIONAL REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.26 / 0.1	0.26 / 0.18	0.46 / 0.31

MXZ-F Multi Split



MXZ-F OUTDOOR UNITS	MXZ-2F33VF3	MXZ-2F42VF3	MXZ-2F53VF3	MXZ-3F54VF3	MXZ-3F68VF3	MXZ-4F72VF3	MXZ-4F83VF	MXZ-5F102VF	MXZ-6F122VF
NUMBER OF CONNECTABLE INDOOR UNITS	2	2	2	2-3	2-3	2-4	2-4	2-5	2-6
CAPACITY (kW)	Heating (nominal)	4.0 (1.0-4.1)	4.5 (1.0-4.8)	6.4 (1.1-7.0)	7.0 (2.6-9.0)	8.6 (2.6-10.6)	8.6 (3.4-10.7)	9.3 (3.4-11.6)	10.5 (4.1-14.0)
	Cooling (nominal)	3.3 (1.1-3.8)	4.2 (1.1-4.4)	5.3 (1.1-5.6)	5.4 (2.9-6.8)	6.8 (2.9-8.4)	7.2 (3.7-8.8)	8.3 (3.7-9.2)	10.2 (3.9-11.0)
	Heating (UK)	3.32 (0.83-3.40)	3.74 (0.84-3.99)	5.38 (0.92 - 5.88)	5.81 (2.16-7.47)	7.14 (2.16-8.80)	7.14 (2.82-8.89)	7.8 (2.82-9.63)	8.7 (3.40-11.63)
	Cooling (UK)	3.23 (1.07-3.72)	4.12 (1.08-4.32)	5.30 (1.10-5.60)	5.3 (2.85-6.67)	6.66 (2.84-8.23)	7.0 (3.59-8.56)	8.2 (3.67-9.12)	10.1 (3.86-10.90)
COP / EER (nominal)*1		4.40 / 3.90	5.10 / 4.30	4.10 / 3.79	4.60 / 4.10	4.50 / 3.70	4.60 / 3.90	4.65 / 4.21	4.60 / 3.64
SCOP (nsc) / SEER (nsc) (BS EN14825)		4.16 / 6.13	4.60 / 8.69	4.6 / 8.6	4.61 / 8.52	4.12 / 7.96	4.07 / 8.13	4.72 (185.8%) / 8.51 (337.4%)	4.65 (183%) / 8.21 (325.4%)
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	A+ / A++	A++ / A+++	A++ / A+++	A++ / A+++	A+ / A++	A+ / A++	A++ / A+++	A++ / A++
MAX AIRFLOW (m³/min)	Heating/Cooling	33.7 / 32.9	33.3 / 27.7	34.7 / 32.7	43.0 / 42.1	43.0 / 42.1	43.0 / 42.1	71 / 55	74 / 62
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	50 / 49	50 / 44	51 / 46	50 / 46	53 / 48	54 / 48	51 / 49	56 / 52
SOUND POWER LEVEL (dBA)	Cooling	60	59	61	59	63	63	61	65
DIMENSIONS (mm)	Width x Depth x Height	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	840 x 330 x 710	840 x 330 x 710	840 x 330 x 710	950 x 330 x 796	950 x 330 x 1048
WEIGHT (kg)		33	37	37	58	58	59	62	87
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	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	Single	Single
POWER INPUT (kW)	Heating/Cooling (nominal)	0.909 / 0.846	0.88 / 0.98	1.56 / 1.40	1.52 / 1.32	1.91 / 1.84	1.87 / 1.85	2.00 / 1.97	2.28 / 2.80
	Heating/Cooling (UK)	0.82 / 0.68	0.90 / 0.78	1.40 / 1.20	1.38 / 1.06	1.73 / 1.47	1.69 / 1.48	1.80 / 1.57	2.09 / 2.66
STARTING CURRENT (A)		4.6	4.2	7.6	7.0	10.5	10.0	8.8	12.3
RUNNING CURRENT (A)	Heating/Cooling [MAX]	4.6 / 4.3 [10.0]	4.2 / 4.5 [12.2]	7.1 / 6.2 [10.2]	7.0 / 5.9 [18.0]	10.5 / 9.6 [18.0]	10.0 / 9.5 [18.0]	8.8 / 8.7 [21.4]	10.0 / 12.3 [21.4]
INTERCONNECTING CABLE No. CORES		4 Core	4 Core	4 Core	4 Core	4 Core	4 Core	4 Core	4 Core
TOTAL PIPE LENGTH (m)		20	30	30	50	60	60	70	80
MAX PIPE LENGTH PER INDOOR UNIT (m)		15	20	20	25	25	25	25	25
MAX HEIGHT DIFFERENCE (m)		10	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15 (10 if OU higher than IU)	15	15
CHARGE REFRIGERANT (kg) / CO ₂ EQUIVALENT (t) - R32 (GWP 675)		0.8 / 0.54 (20m)	1.0 / 0.68 (30m)	1.0 / 0.68 (30m)	2.4 / 1.62 (50m)	2.4 / 1.62 (60m)	2.4 / 1.62 (60m)	2.4 / 1.62 (70m)	2.4 / 1.62 (80m)
FUSE RATING (BS88) - HRC (A)		16	16	16	25	25	25	25	32

Notes: *1 System COP / EER when connected to MSZ-LN / MSZ-AP x indoor unit connections. Combined max running current of all indoors on system must not exceed 3A. The SEZ-M25DA cannot be used when the total indoor capacity is equal to the outdoor capacity, i.e. when the capacity ratio is 1.

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MODEL REFERENCE	Capacity (kW)				SHF (Nominal)	System Power Input Heating / Cooling (kW)		Nominal COP / EER	SCOP (int.) / SEER (int.) (SEEN/AES)	Airflow (m³/s) Heating / Cooling Lo-M1-M2-H	Sound Pressure Level (dBA) Heating / Cooling Lo-M1-M2-H	Starting Current (A) Outdoor	System Running Current (A) Heating / Cooling [MAX.]	Phase	Mains Cable			Pipe Size mm (in)		Max Pipe Length (m)	Max Pipe Height (m)	Weight (kg)	Dimensions (mm) WxDxH Indoor / Outdoor	Fus. Rating (A) Indoor / Outdoor
	Nominal Heating	Nominal Cooling	UK Heating	UK Cooling		Nominal	UK								Indoor	Outdoor	Inter- connecting Cable	Gas	Liquid					
R32 MSZ-LN WALL MOUNTED INVERTER SYSTEMS																								
MSZ-LN18VG R/B/V/W N/A Multi-Split Only	2.0 (0.9 - 4.0)	1.8 (0.9 - 3.0)	-	-	-	-	-	-	-	67-95-118-140-181 71-97-118-147-198	19-24-29-36-45 / 19-25-29-36-42	-	-	Single	Feed by Outdoor Unit	-	-	9.52 (3/8")	6.35 (1/4")	-	-	15.5	890x233x307	6 / -
MSZ-LN25VG R/B/V/W MUZ-LN25VG	3.2 (0.8 - 5.4)	2.5 (1.0 - 3.5)	2.64 (0.66 - 4.45)	2.48 (0.99 - 3.47)	0.97	0.58 / 0.485	0.523 / 0.406	5.52 / 5.15	5.2 / 10.5	67-95-118-140-181 71-97-118-147-198	19-24-29-36-45 / 19-25-29-36-42	3.0	3.0 / 2.5 [7.1]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	15.5 / 35	890x233x307 / 800x285x550	6 / 10
MSZ-LN35VG R/B/V/W MUZ-LN35VG	4.0 (1.0 - 6.3)	3.5 (0.8 - 4.0)	3.3 (0.83 - 5.2)	3.47 (0.79 - 3.96)	0.90	0.80 / 0.82	0.722 / 0.686	5.0 / 4.27	5.1 / 9.5	71-97-118-140-181 71-97-118-147-198	19-24-29-36-45 / 19-24-29-36-43	4.0	4.0 / 3.9 [9.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	15.5 / 35	890x233x307 / 800x285x550	6 / 10
MSZ-LN50VG R/B/V/W MUZ-LN50VG	6.0 (1.0 - 8.2)	5.0 (1.0 - 6.0)	4.94 (0.82 - 6.75)	4.95 (0.99 - 5.94)	0.77	1.48 / 1.38	1.335 / 1.151	4.05 / 3.82	4.6 / 8.5	95-107-142-162-202 95-107-148-177-232	25-29-34-38-47 / 27-31-35-39-48	6.8	6.8 / 6.3 [13.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	15.5 / 40	890x233x307 / 800x285x714	6 / 16
MSZ-LN60VG R/B/V/W MUZ-LN60VG	6.8 (1.8 - 9.3)	6.1 (1.4 - 6.9)	5.6 (1.48 - 7.66)	6.05 (1.38 - 6.84)	0.75	1.81 / 1.79	1.632 / 1.484	3.76 / 3.41	4.6 / 7.5	110-118-162-227-262 119-112-177-212-262	29-37-41-45-49 / 29-37-41-45-49	7.9	7.9 / 7.9 [15.2]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	12.7 (1/2")	6.35 (1/4")	30	15	15.5 / 55	890x233x307 / 840x330x880	6 / 16

R32 MSZ-EF ZEN WALL MOUNTED INVERTER SYSTEMS																								
MSZ-EF25VG B/S/W MUZ-EF25VG	3.2 (1.0-4.2)	2.5 (0.9-3.4)	2.65 (0.91-3.49)	2.48 (0.89-3.37)	0.97	0.70 / 0.54	0.64 / 0.44	4.57 / 4.83	4.7 / 9.1	67-77-103-148-182 / 67-77-103-138-175	21-24-29-37-45 / 19-25-29-36-42	3.6	3.6 / 3.0 [8.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	11.5 / 31	885x195x299 / 800x285x550	6 / 10
MSZ-EF35VG B/S/W MUZ-EF35VG	4.0 (1.3-5.1)	3.5 (1.1-4.0)	3.32 (1.08-4.23)	3.47 (1.09-3.96)	0.80	0.95 / 0.91	0.87 / 0.73	4.21 / 3.85	4.6 / 8.8	67-77-103-148-182 / 67-77-103-138-175	21-24-30-38-46 / 21-24-30-36-42	4.4	4.4 / 4.2 [8.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	11.5 / 34	885x195x299 / 800x285x550	6 / 10
MSZ-EF50VG B/S/W MUZ-EF50VG	5.8 (1.4-7.5)	5.0 (1.4-5.4)	4.82 (1.16-6.23)	4.96 (1.39-5.36)	0.70	1.56 / 1.54	1.42 / 1.24	3.72 / 3.25	4.5 / 7.5	107-108-126-157-202 / 87-113-132-153-188	30-33-37-43-49 / 30-33-36-40-43	7.1	7.1 / 6.9 [13.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	30	15	11.5 / 40	885x195x299 / 800x285x550	6 / 16

R32 MSZ-AP WALL MOUNTED INVERTER SYSTEMS																										
MSZ-AP15VG N/A Multi-Split Only 	1.7 (1.2-3.0)	1.5 (0.9-2.7)	-	-	-	-	-	-	-	67-83-103-113 / 58-65-77-92-107	21-26-30-35-40 / 21-26-30-35-40	-	-	Single	Feed by Outdoor Unit	-	-	-	9.52 (3/8")	6.35 (1/4")	-	-	8.2	760x178x250	6 / -	
MSZ-AP20VG MUZ-AP20VG 	2.5 (0.5-3.5)	2.0 (0.6-2.7)	2.06 (0.4-2.9)	1.98 (0.6-2.7)	0.80	0.60 / 0.46	0.52 / 0.38	4.17 / 4.35	4.1 / 8.6	67-83-103-122 / 58-65-77-92-115	21-26-30-35-42 / 21-26-30-35-42	3.2	3.2 / 2.6 [7.0]	Single	Feed by Outdoor Unit	-	-	-	9.52 (3/8")	6.35 (1/4")	20	12	8.2 / 31	760x178x250 / 800x285x550	6 / 10	
MSZ-AP25VG(K) MUZ-AP25VG 	3.2 (1.0-4.1)	2.5 (0.9-3.4)	2.64 (0.8-3.4)	2.48 (0.9-3.4)	0.92	0.78 / 0.60	0.70 / 0.50	4.1 / 4.17	4.8 / 8.6	62-98-122-148-215 / 62-86-118-145-190	19-24-34-39-45 / 19-24-30-36-42	3.6	3.6 / 2.9 [7.0]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	10.5 / 31	798x219x299 / 800x285x550	6 / 10		
MSZ-AP35VG(K) MUZ-AP35VG 	4.0 (1.6-4.3)	3.5 (1.1-3.8)	3.3 (1.1-3.8)	3.47 (1.1-3.8)	0.88	1.03 / 0.90	0.93 / 0.83	3.88 / 3.54	4.7 / 8.6	62-98-122-148-215 / 62-86-118-145-190	19-24-31-38-45 / 19-24-30-36-42	4.7	4.7 / 4.5 [8.4]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	10.5 / 31	798x219x299 / 800x285x550	6 / 10		
MSZ-AP42VG MUZ-AP42VG 	5.4 (1.3-6.0)	4.2 (0.9-4.5)	4.45 (1.1-4.9)	4.17 (0.9-4.5)	0.77	1.49 / 1.30	1.34 / 1.09	3.62 / 3.23	4.7 / 7.8	86-102-128-157-223 / 80-108-126-155-190	21-29-35-40-45 / 21-29-34-38-42	6.6	6.6 / 5.8 [9.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	10.5 / 35	798x219x299 / 800x285x550	6 / 10		
MSZ-AP50VG(K) MUZ-AP50VG 	5.8 (1.4-7.3)	5.0 (1.4-5.4)	4.78 (1.2-6.0)	4.95 (1.4-5.3)	0.74	1.60 / 1.55	1.44 / 1.29	3.63 / 3.23	4.7 / 7.4	95-108-137-167-223 / 89-102-140-167-210	28-33-38-43-48 / 28-33-36-40-44	7.0	7.0 / 6.9 [13.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	10.5 / 40	798x219x299 / 800x285x714	6 / 16		
MSZ-AP60VG(K) MUZ-AP60VG 	6.8 (2.0-8.6)	6.1 (1.4-7.3)	5.8 (1.6-7.1)	6.05 (1.4-7.2)	0.83	1.67 / 1.59	1.51 / 1.33	4.07 / 3.84	4.6 / 7.4	102-125-157-200-238 / 97-119-125-187-215	30-37-41-45-48 / 30-37-41-45-48	7.4	7.4 / 7.1 [14.0]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	12.7 (1/2")	6.35 (1/4")	30	15	16 / 40	1100x257x325 / 800x285x714	6 / 16		
MSZ-AP71VG(K) MUZ-AP71VG 	8.0 (2.2-10.3)	7.1 (2.0-8.7)	6.68 (1.8-8.6)	7.04 (2.0-8.8)	0.77	2.12 / 2.01	1.91 / 1.68	3.82 / 3.53	4.4 / 7.2	119-102-125-155-230 / 100-102-125-155-210	30-37-41-45-51 / 30-37-41-45-49	9.3	9.3 / 8.8 [16.4]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	12.7 (1/2")	6.35 (1/4")	30	15	17 / 55	1100x257x325 / 840x330x880	6 / 20		

R32 MSZ-HR CLASSIC WALL MOUNTED INVERTER SYSTEMS																								
MSZ-HR25VF MUZ-HR25VF	3.15 (0.7-3.5)	2.5 (0.5-2.9)	2.61 (0.8-2.9)	2.48 (0.5-2.8)	0.78	0.85 / 0.80	0.77 / 0.63	3.71 / 3.13	4.3 / 6.2	55-85-123-168 / 60-85-125-162	21-30-37-43 / 21-30-37-43	4.1	4.1 / 3.8 [4.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	8.5 / 23	838x228x280 / 699x249x538	6 / 10
MSZ-HR35VF MUZ-HR35VF	3.6 (0.9-3.7)	3.4 (0.9-3.4)	2.99 (0.75-3.1)	3.37 (0.89-3.4)	0.78	0.98 / 1.21	0.89 / 0.96	3.69 / 2.81	4.3 / 6.2	55-85-125-175 / 60-85-130-182	21-30-37-44 / 22-31-38-46	5.9	4.6 / 5.9 [6.4]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	8.5 / 24	838x228x280 / 699x249x538	6 / 10
MSZ-HR50VF MUZ-HR50VF	5.4 (1.4-6.5)	5.0 (1.3-5.0)	4.48 (1.16-5.39)	4.96 (1.29-4.96)	0.73	1.55 / 2.05	1.40 / 1.82	3.48 / 2.44	4.3 / 6.5	102-138-187-262 / 107-153-187-218	27-34-41-47 / 28-36-40-45	9.0	6.9 / 9.0 [9.6]	Single	Feed by Outdoor Unit	3 Core 220-240v	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	9 / 35	838x228x280 / 800x285x550	6 / 16

R32 MSY-TP HIGH SHF WALL MOUNTED INVERTER SYSTEMS																								
MSY-TP35VF MUY-TP35VF	-	3.5 (1.5-4.0)	-	3.47 (1.48-3.96)	0.98	0.76	0.64	4.61	9.0	168-193-228-373	31-36-40-45	3.6	3.6 [9.2]	Single	3 Core 220-240v	Feed by Outdoor Unit	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	12.5 / 34	923x250x305 / 800x285x550	10 / 10
MSY-TP50VF MUY-TP50VF	-	5.0 (1.5-5.7)	-	4.96 (1.48-5.65)	0.82	1.45	1.12	3.45	8.0	168-193-228-373	31-36-40-45	6.4	6.4 [9.2]	Single	3 Core 220-240v	Feed by Indoor Unit	4 Core	9.52 (3/8")	6.35 (1/4")	20	12	12.5 / 34	923x250x305 / 800x285x550	10 / 10

R32 MXZ-F MULTI-SPLIT INVERTER SYSTEMS																									
MXZ-2F33VF2		4.0 (1.0 - 4.1)	3.3 (1.1 - 3.8)	3.32 (0.83-3.4)	3.23 (1.07-3.72)	-	0.909 / 0.846	0.82 / 0.68	4.4 / 3.9 ¹⁾	4.16 / 6.13	33.7 / 32.9 (m³/min)	50 / 49	4.6	4.6 / 4.3 [10.0]	Single	-	3 Core 220-240v	4 Core	-	-	20	10	33	800 x 285 x 550	16
MXZ-2F42VF2		4.5 (1.0 - 4.8)	4.2 (1.1 - 4.4)	3.74 (0.84-3.99)	4.12 (1.08-4.32)	-	0.88 / 0.98	0.90 / 0.78	5.1 / 4.3 ¹⁾	4.6 / 8.69	33.3 / 32.7 (m³/min)	50 / 44	4.2	4.2 / 4.5 [12.2]	Single	-	3 Core 220-240v	4 Core	-	-	30	15 ^{1/2}	37	800 x 285 x 550	16
MXZ-3F54VF2		7.0 (2.6 - 9.0)	5.4 (2.9 - 6.8)	5.81 (2.16-7.47)	5.3 (2.85-6.67)	-	1.52 / 1.32	1.38 / 1.06	4.6 / 4.1 ¹⁾	4.61 / 8.52	43.0 / 42.1 (m³/min)	50 / 46	7.0	7.0 / 5.9 [18.0]	Single	-	3 Core 220-240v	4 Core	-	-	50	15 ^{1/2}	58	840 x 330 x 710	25
MXZ-3F68VF2		8.6 (2.6 - 10.6)	6.8 (2.9 - 8.4)	7.14 (2.16-8.8)	6.66 (2.84-8.23)	-	1.91 / 1.84	1.73 / 1.47	4.5 / 3.7 ¹⁾	4.12 / 7.96	43.0 / 42.1 (m³/min)	53 / 48	10.5	10.5 / 9.6 [18.0]	Single	-	3 Core 220-240v	4 Core	-	-	60	15 ^{1/2}	58	840 x 330 x 710	25
MXZ-4F72VF2		8.6 (3.4 - 10.7)	7.2 (3.7 - 8.8)	7.14 (2.82-8.89)	7.0 (3.59-8.56)	-	1.87 / 1.85	1.69 / 1.48	4.6 / 3.9 ¹⁾	4.07 / 8.13	43.0 / 42.1 (m³/min)	54 / 48	10.0	10.0 / 9.5 [18.0]	Single	-	3 Core 220-240v	4 Core	-	-	60	15 ^{1/2}	59	840 x 330 x 710	25
MXZ-4F80VF2		8.8 (3.4 - 11.0)	8.0 (3.7-9.0)	7.31 (2.82 - 9.12)	7.77 (3.59-8.75)	-	2.00 / 2.25	1.81 / 1.80	4.4 / 3.56 ¹⁾	4.07 / 7.55	42.7 / 35.4 (m³/min)	55 / 50	12.5	10.1 / 10.1 [18.0]	Single	-	3 Core 220-240v	4 Core	-	-	60	15 ^{1/2}	59	840 x 330 x 710	25



Come Home To Comfort with LG air conditioners

LG makes life good by connecting with the real needs and desires of our customers and innovating around them. We passionately believe in improving the day-to-day lives of Australians via forward-thinking technological advancement.

Why LG Air Conditioning

Designed for the way you live, our air conditioners are available in a wide range of styles - so you can create a space that's cool, comfortable and stylish.

LG Multi Split Systems

Heat or cool multiple rooms in your home

LG Multi split system provides powerful, efficient cooling and heating with two, three, four, or up to nine indoor units operating off a single outdoor unit.

LG's advanced inverter technology brings powerful performance while remaining energy efficient. Multi split systems use less space than installing individual single split systems.

A variety of sleek and elegant indoor units are available in a full range of capacities for all room sizes.

Installation is easy and it offers various convenient functions for easy maintenance.



AirCare Complete System™

The all-new AirCare Complete System uses a filtration process with UVnano™ and Ionizer that removes fine dust and even bacteria, ensuring the air flow around is always fresh.

ART COOL™
MIRROR

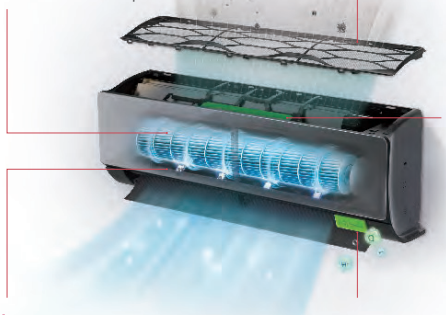
Auto Cleaning
Automatically dries out any moisture collected in the unit to prevent the formation of harmful particles.

Pre-Filter™
Traps big dust particles from the start.

Allergy Filter
Removes allergy-causing substances, such as house dust mites, floating in the air.

UVnano™
Keeps your fan 99.99% bacteria-clean with UV LED light to ensure fresh and clean air is delivered.

Plasmaster™ Ionizer⁺⁺
Keeps the air cool and healthy by deodorising the air as well as removing 99.9%* of adhering bacteria.



DUALCOOL™
DELUXE

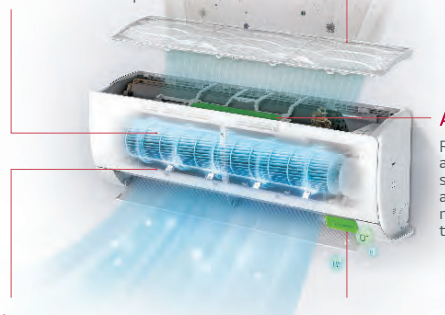
Auto Cleaning
Automatically dries out any moisture collected in the unit to prevent the formation of harmful particles.

Pre-Filter™
Traps big dust particles from the start.

Allergy Filter
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UVnano™
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Keeps the air cool and healthy by deodorising the air as well as removing 99.9%* of adhering bacteria.

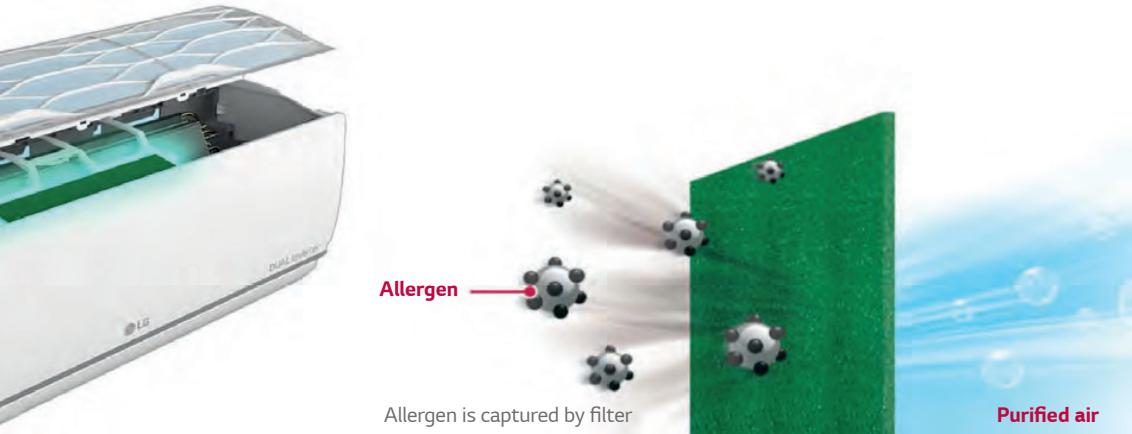


Allergy Filter

Airflow from an air conditioner can cause or contribute to symptoms associated with allergies or asthma. However, LG units boast an interior filter that can absorb these harmful substances, such as dust mites, pollen, fungi, and mold, that float throughout the air.

How It Works

Removes allergy-causing substances, such as dust mites that can be found in the air.



Certification



Specially coated filter reduces

* Test Condition Disclaimer
A filter is coated to absorb harmful substances that can cause allergies. The air conditioner strongly absorbs indoor air and removes allergy-causing substances, such as house dust mite, fungi, mold, floating in the air.

Allergy UK (a world-renowned organization) is a British medical charity dedicated to helping adults and children with their allergies. The charity was founded in 1991 as the **British Allergy Foundation**, and in 2002 the operational name of the charity became Allergy UK. Allergy UK endorses certain products that restrict or remove high levels of allergens and gives them a Seal of Approval.



UVnano™

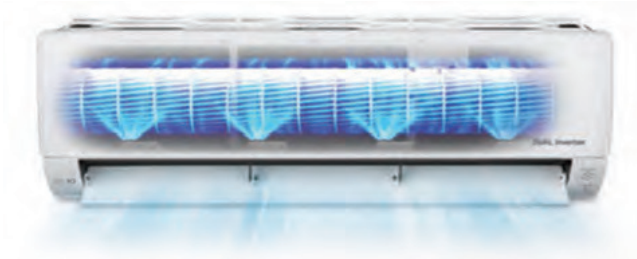
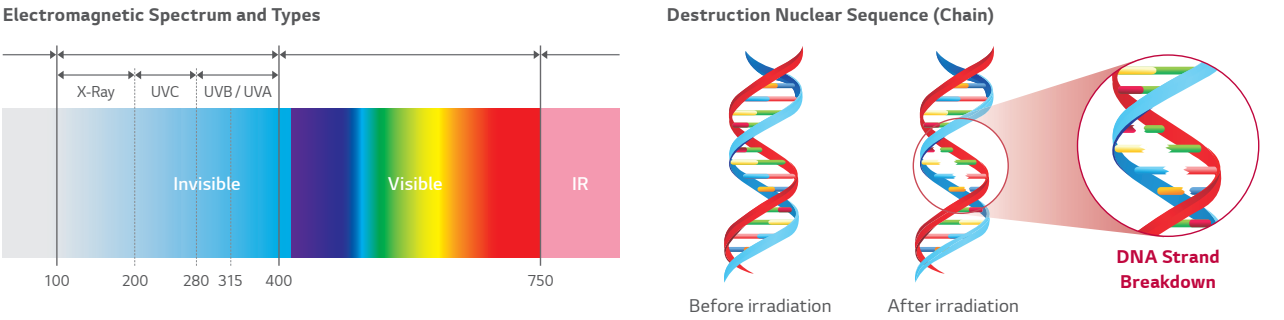
LG DUALCOOL, keeping the fan (inside the unit) 99.99% bacteria-free with ultraviolet light to ensure that the air passing through is clean too.

UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV(ultraviolet) and nanometer (unit of length).

What is UVnano™ and How it Works?

- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria/mold/viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

DNA Absorption Efficiency by Wavelength



Energy Display

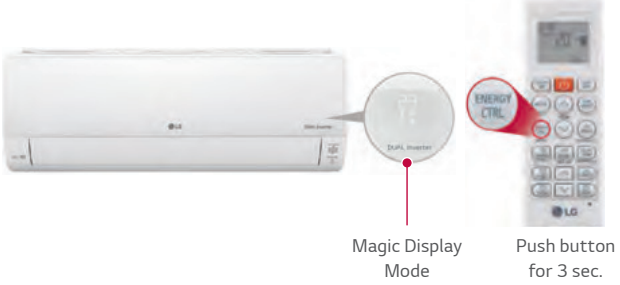
LG's Energy Display panel monitors the amount of energy levels used. Reduce energy consumption while enjoying a comfortable indoor environment by checking your energy level directly on the AC panel.

Specifications may vary for each model. When connected to Multi ODU, Energy Display function may not be supported.

How it Works

Magic Display & Remote Control

With the push of a button on the remote control, indoor unit's LCD display shows the current and total energy use, thus making the users aware of reducing energy consumption.



Benefit

Normal Mode

Current Setting Temp.



Electric Power

Displays Current Energy Use



KEY FEATURES

SMART

Built-in Wi-Fi Smart Control

The LG Smart ThinQ App lets you access and control your air conditioner with your smartphone* even when you're not at home.

MS series: in built WiFi feature (MS09, MS12, MS18, MS24)
NHXM Cassette Series: no WiFi Feature (NHXM30C1, NHXM40C1)
NHXM low Static Ducted: WiFi Option available (NHXM30D3, NHXM40D3, NHXM50D3, NHXM70D3)



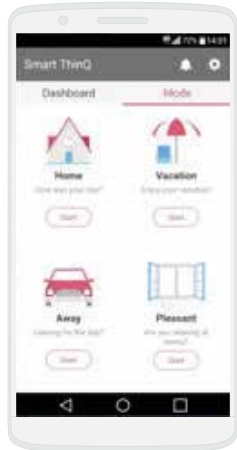
* Product Registration using both LG Smart ThinQ app & Google app is required. Internet, Wi-Fi connection and Google account required. Data usage may apply. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. Google is a trademark of Google LLC.



I Controlling & Monitoring I



I Smart Diagnosis
& Filter Manager I



I Integrated Home
Appliances Control I



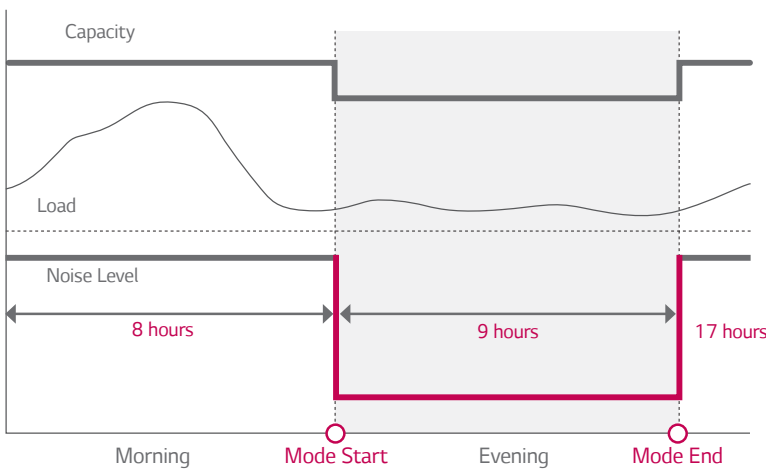
KEY FEATURES

QUIET & COMFORTALE

"Night Quiet" Operation

Night Quiet operation can reduce noise levels at night time by setting the dip switch on the PCB in the outdoor unit*.

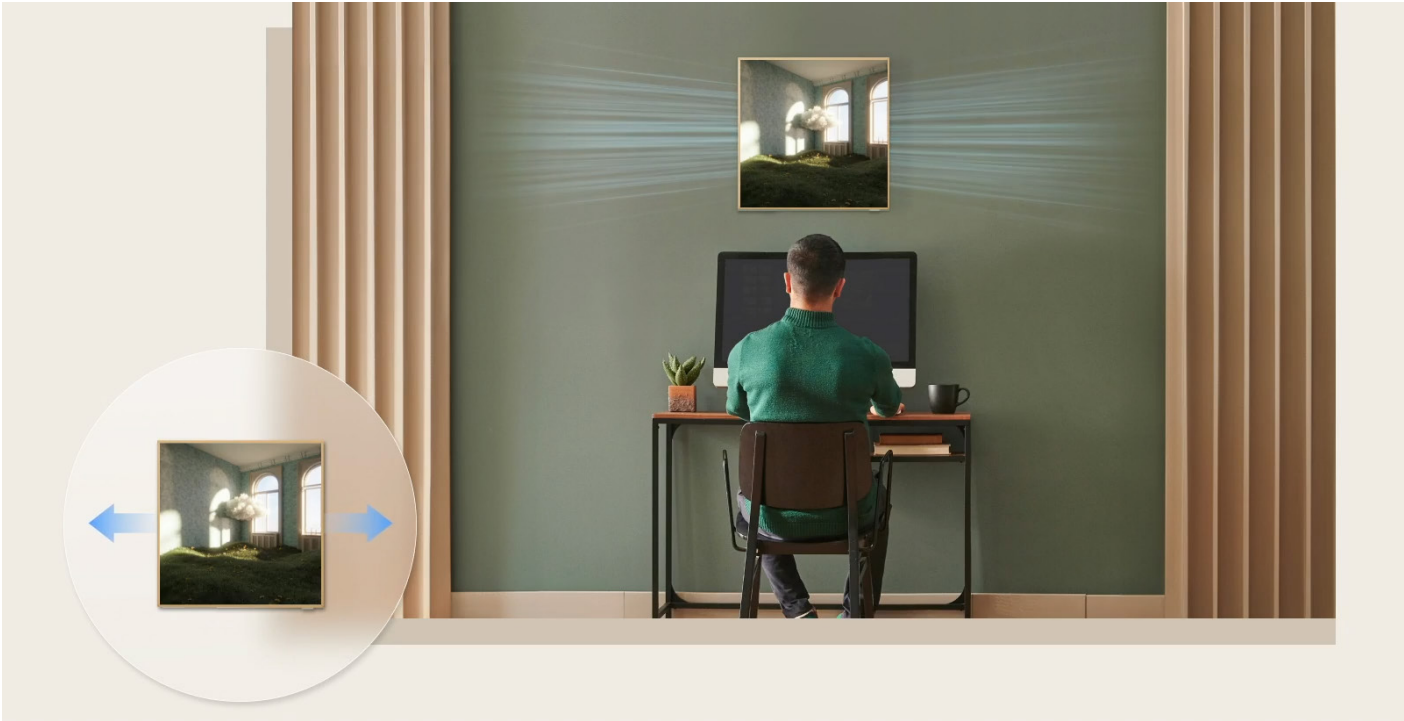
I Cooling Mode I



*This function is not user adjustable, please contact your nearest AC installer.



LG Artcool™ Gallery



LG’s ARTCOOL Gallery AC unit is designed to fit perfectly into your home. With its elegant frame, display your most beautiful photos, images or works art to create a space that suits you.

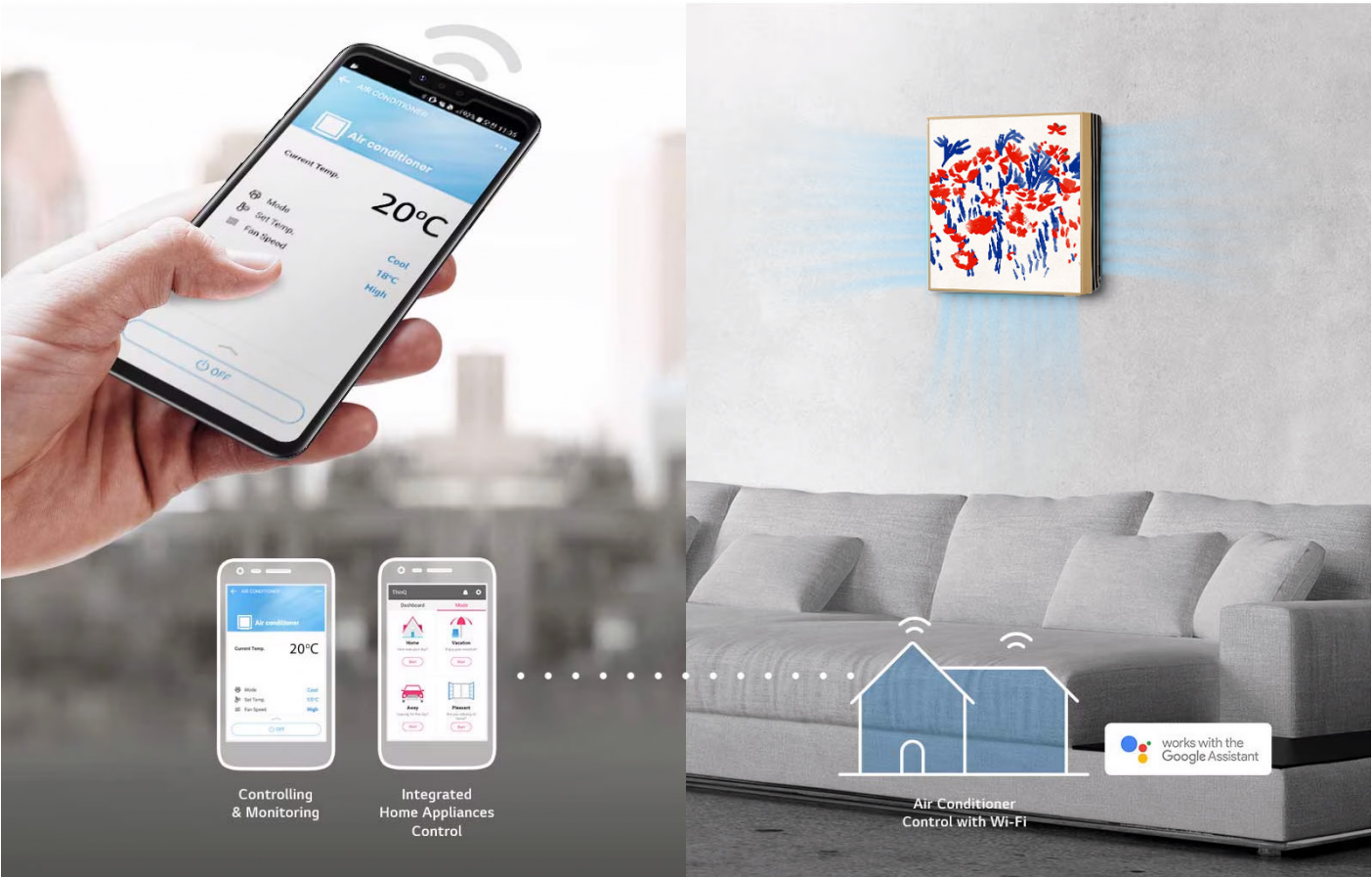


- **Frame Design**
- **Customizable Photo Panel**
- **3 Way Indirect Air flow**
- **Fast Cooling & Heating**



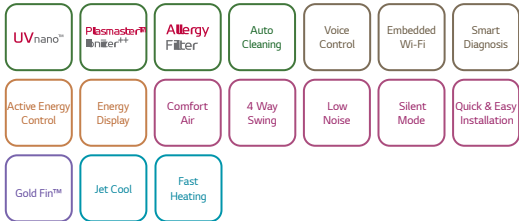
LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

INDOOR				MA09R NF1	MA12R NF1
Capacity	Cooling	Rated	W	2,600	3,500
	Heating	Rated	W	2,900	3,900
Sound Pressure	Cooling	S / L / M / H	dB(A)	27 / 27 / 32 / 38	27 / 32 / 38 / 44
	Heating	L / M / H	dB(A)	27 / 32 / 38	32 / 38 / 44
Sound Power	Cooling	Power	dB(A)	52	54
Air Flow Rate	Cooling	S / L / M / H	m³/min	4.4 / 4.4 / 5.9 / 7.7	4.4 / 5.6 / 7.3 / 8.9
		Max. (Power)	m³/min	8.6	9.6
	Heating	L / M / H	m³/min	4.7 / 6.1 / 8.0	5.7 / 7.5 / 9.2
Dehumidification Rate			l/h	1.2	1.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	600 x 600 x 145	600 x 600 x 145
Net Weight			kg	15.0	15.0



With LG ThinQ* app, you can start or stop your LG air conditioner, change the mode, or set the temperature, no matter where you are. You can also use simple voice commands via Google Assistant**.

*LG SmartThinQ is now renamed to LG ThinQ.
 ***Google and Google Home are trademarks of Google LLC.



LG participates in the ECP programme for EUROVENT VRF program.
Check ongoing validity of certification
: www.eurovent-certification.com

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				AC09BK NSJ	AC12BK NSJ	AC18BK NSK	AC24BK NSK
Capacity	Cooling	Min./ Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min./ Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
Power Input	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 / 1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1,270 / 555	1,628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	59	59	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m³/min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min./ Rated / Max.	A	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min./ Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable (Including Earth)			N x mm²	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimension			mm	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Net Weight			kg	9.9	9.9	12.8	13.5
Fan Motor Output			W	30	30	30	58
OUTDOOR				AC09BK UA3	AC12BK UA3	AC18BK UL2	AC24BK U24
Operation Range	Cooling	Min./ Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min./ Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m³/min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min./ Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min./ Max.	m	7	7	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type		kg	R32	R32	R32	R32
				0.700	0.700	1.000	1.100
	Charge at 7.5m		t-CO ₂ eq	0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	26.0	26.0	35.2	46.4
Dimension			mm	717 X 495 X 230	717 X 495 X 230	770 X 545 X 288	870 X 650 X 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

This product contains Fluorinated greenhouse gases (R32).
S: Sleep / L: Low / M: Medium / H: High
GWP: Global warming potential
t-CO₂eq: F-gas(kg)*GWP/1000
Specification, design and feature are subject to change without prior notice.

CONSOLE

UQ09F / UQ12F / UQ18F



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: www.eurovent-certification.com

UUA1 ULO

UUB1 U20

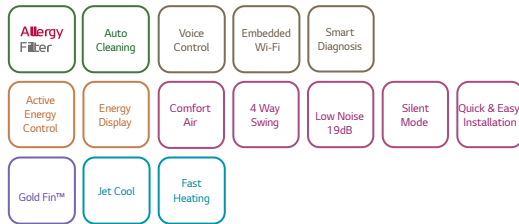


COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.6 / 3.4	1.5 / 3.5 / 4.0	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.6 / 3.1 / 3.9	1.6 / 4.0 / 4.3	2.0 / 4.9 / 5.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.65 / 0.91	0.30 / 1.00 / 1.46	0.40 / 1.75 / 2.45
	Heating	Min. / Rated / Max.	kW	0.30 / 0.74 / 1.08	0.30 / 1.05 / 1.58	0.30 / 1.56 / 2.11
Running Current	Cooling	Rated	A	2.9	4.4	8.3
	Heating	Rated	A	3.3	4.7	8.0
EER / COP			kWh / kWh	4.00 / 4.20	3.50 / 3.80	2.85 / 3.14
SEER / SCOP			kWh / kWh	6.5 / 4.0	6.4 / 4.0	5.8 / 3.8
Pdesign	Cooling @ 35°C		kW	2.6	3.5	5
	Heating @ -10°C		kW	2.8	3	3.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	140 / 980	191 / 1,050	302 / 1,396
Dehumidification Rate			l/h	0.7	1.3	2.4
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				UQ09F NAO	UQ12F NAO	UQ18F NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	37 / 30 / 25	37 / 30 / 25	44 / 39 / 35
Air Flow Rate		H / M / L	m³/min	8.5 / 6.7 / 5.0	8.5 / 6.7 / 5.0	10.1 / 8.6 / 7.2
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Weight	Body		kg	16.3	16.3	16.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power Level	Cooling	Max.	dB(A)	59	59	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø16.7 / 12.2	Ø16.7 / 12.2	Ø16.7 / 12.2
OUTDOOR				UUA1 ULO	UUB1 U20	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight	Net		kg	33.3	44.5	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type		-	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.0	1.2	
	t-CO ₂ eq		-	0.675	0.81	
	Additional Charge (After 7.5m)		g/m	20	20	
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation	IDU - ODU	Max.	m	30	30	

- Note :
- Due to our policy of innovation some specifications may be changed without notification.
 - Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
 - Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
 - This product contains fluorinated greenhouse gases. (R32)



DUALCOOL STANDARD PLUS

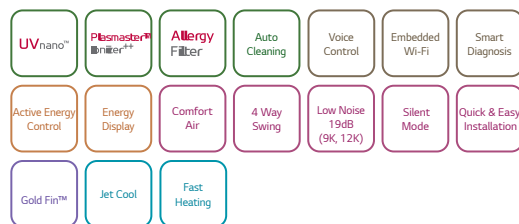


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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				PC09SK NSJ	PC12SK NSJ	PC18SK NSK	PC24SK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
Power Input	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 / 1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1,270 / 555	1,628 / 713
Sound Pressure	S / L / M / H		dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	59	59	60	65
	Heating	S / L / M / H / Max. (Power)	m³/min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
	Heating	L / M / H	m³/min	1.1	1.3	1.8	2.5
Dehumidification Rate	Cooling	Min. / Rated / Max.	A	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				PC09SK UA3	PC12SK UA3	PC18SK UL2	PC24SK U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	High	m³/min	27	27	35	49
	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
Piping	Elevation (ODU / IDU)	Min. / Max.	m	7	7	10	15
	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Piping Connection	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	OD (Outside)		mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Drain Hose Size	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
Refrigerant	t-CO ₂ eq			0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
Fan Motor Output	GWP			675	675	675	675
	W			43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

This product contains Fluorinated greenhouse gases (R32).
S : Sleep / L : Low / M : Medium / H : High
GWP : Global warming potential
t-CO₂eq : F-gas(kg)*GWP/1000
Specification, design and feature are subject to change without prior notice.



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				DC09RK NSJ	DC12RK NSJ	DC18RK NSK	DC24RK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.20 / 5.00	0.89 / 4.00 / 6.00	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	3.20	3.50	4.20	6.00
Power Input	Cooling / Heating	Rated	W	572 / 711	933 / 976	1,562 / 1,611	2,164 / 2,238
EER			W/W	4.37	3.75	3.20	3.05
S.E.E.R.				7.90	7.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.50	4.10	3.60	3.35
S.C.O.P		(Average / Warmer)		4.60 / 5.40	4.60 / 5.40	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.80 / 1.50	2.90 / 1.50	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A++ / A++	A++ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	111	161	250	335
	Heating	(Average / Warmer)	kWh	852 / 389	883 / 389	1,270 / 555	1,628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 37 / 42	27 / 37 / 42	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	60	60	60	65
	Heating	S / L / M / H / Max. (Power)	m³/min	3.5 / 5.5 / 9.0 / 11.0 / 13.0	3.5 / 5.5 / 9.0 / 11.0 / 13.0	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
	Heating	L / M / H	m³/min	1.1	1.3	1.8	2.5
Dehumidification Rate	Cooling	Min. / Rated / Max.	A	1.00 / 2.50 / 6.00	1.00 / 4.00 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.00 / 3.20 / 7.00	1.00 / 4.30 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.40 / 14.00
Starting Current	Cooling / Heating	Rated	A	2.50 / 3.20	4.00 / 4.30	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	9.1	9.1	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				DC09RK UL2	DC12RK UL2	DC18RK UL2	DC24RK U24
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	49 / 51	49 / 51	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	High	m³/min	35	35	35	49
	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20	3 / 20	3 / 30
Piping	Elevation (ODU / IDU)	Min. / Max.	m	10	10	10	15
	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Piping Connection	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	OD (Outside)		mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Drain Hose Size	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.800	0.800	1.000	1.100
Refrigerant	t-CO ₂ eq			0.540	0.540	0.675	0.743
	Additional Charge		g/m	20	20	20	20
Fan Motor Output	GWP			675	675	675	675
	W			43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	34.1	34.1	34.4	46.0
Dimension			mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

This product contains Fluorinated greenhouse gases (R32).
S : Sleep / L : Low / M : Medium / H : High
GWP : Global warming potential
t-CO₂eq : F-gas(kg)*GWP/1000
Specification, design and feature are subject to change without prior notice.



DUALCOOL DELUXE



Cold Control
REFRIGERATION & AIR CONDITIONING

SAMSUNG

SAMSUNG



Samsung Residential Units



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.



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.

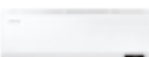
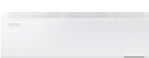


Samsung WindFree™ Elite R32

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.

Line-up

Indoor

Model		1.6 kW	2.0 kW	2.5 kW	3.5 kW	5.2 kW	6.8 kW
WindFree™ Elite		-	•	•	•	-	-
WindFree™ Avant		-	•	•	•	•	•
WindFree™ Comfort		-	•	•	•	•	•
Cebu		-	•	•	•	•	•
Luzon		-	•	•	•	•	•

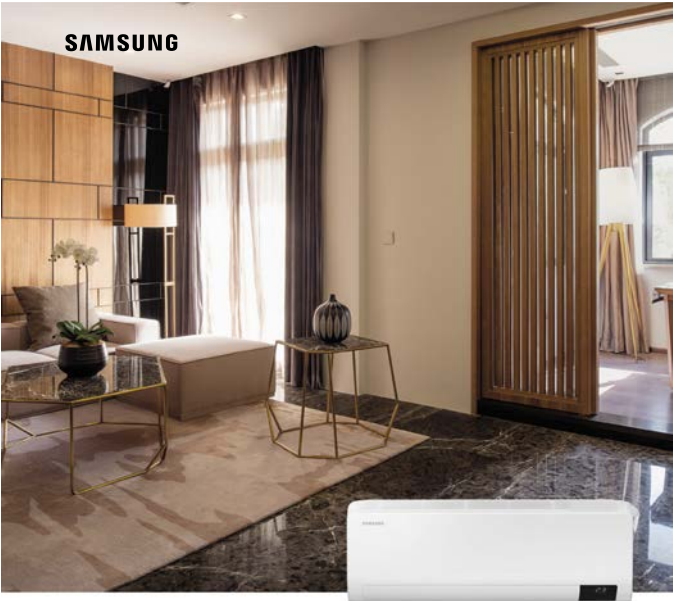
Outdoor

Model	4.0 kW	5.0 kW	5.2 kW	6.8 kW	8.0 kW	10.0 kW
     						
Maximum number of connectable indoor units	2	2	3	3	4	5



Samsung CEBU R32

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



Samsung Luzon

The Samsung Luzon cools rooms quickly from corner to corner, so you're always comfortable.

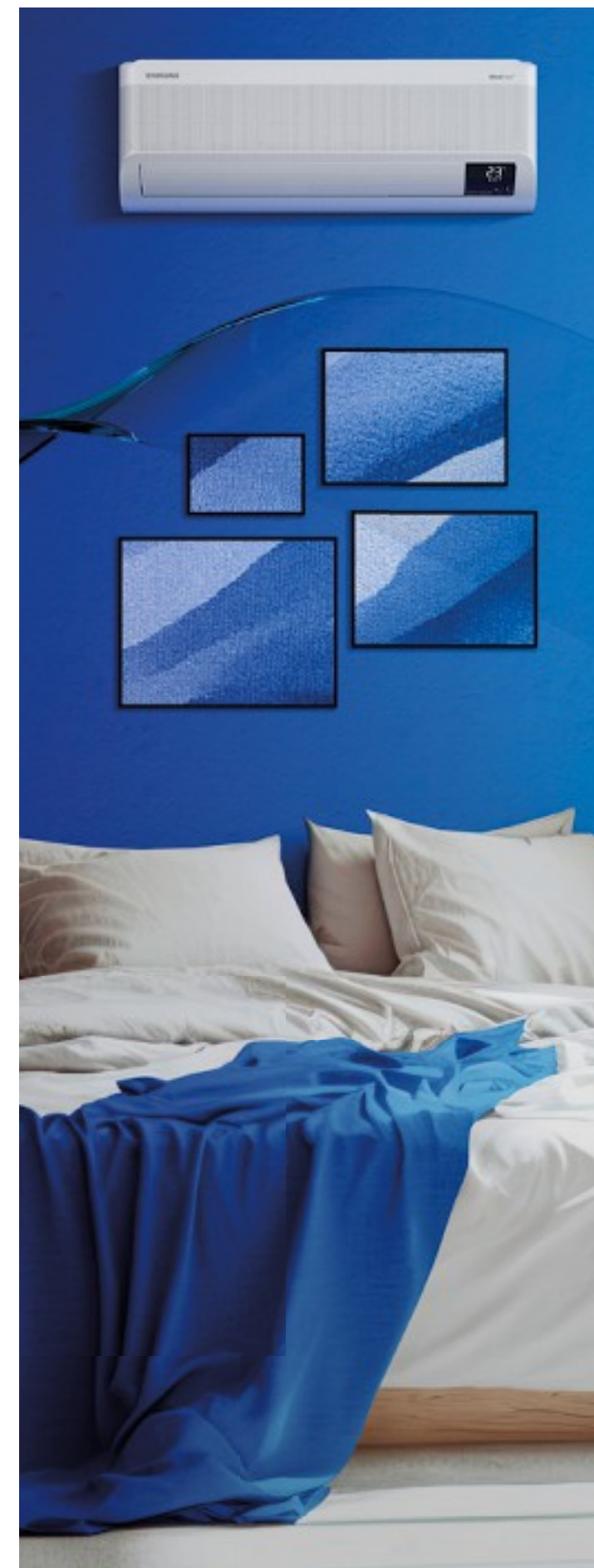
Selection guide



Model		WindFree™ Elite	WindFree™ Avant	WindFree™ Comfort
Airflow	WindFree™ Cooling	●	●	●
	Air Direction Control (Up/Down)	Auto	Auto	Auto
	Air Direction Control (Left/Right)	Auto	Auto	Auto
	Air Flow Control Step (Cool/Fan)	5/4	5/4	5/4
	Auto Fan Speed	●	●	●
Air Purification	PM ₁₀ Reduction	●	●	-
	Pre-Filter	-	-	-
	Easy Filter Plus	●	●	●
	Tri-Care Filter	●	●	-
	Anti-Bacteria Coating	●	●	●
	Anti-Virus Coating	●	●	-
Functions	Auto Clean (Self Cleaning)	●	●	●
	Samsung SmartThings	●	●	●
	Smart Operation (AI)	●	●	●
	MDS (Motion Detect Sensor)	●	-	-
	Humidity Sensor	●	●	●
	Filter Cleaning Indication	●	●	●
	Indoor Temperature Display	●	●	●
	Energy Consumption Indication	●	●	●
	Voice Control with Bixby	●	●	●
	Display On/Off	●	●	●
	Beep On/Off	●	●	●
	24-Hour Timer / Real Timer	●	●	●
	Auto Changeover	●	●	●
	Auto Restart	●	●	●
Operating Mode	AI Auto Comfort with Wi-Fi & MDS (direct/Indirect)	●	-	-
	AI Auto Comfort with Wi-Fi	●	●	●
	Auto Mode (without Wi-Fi)	-	-	-
	Fast Cooling	●	●	●
	Good Sleep	●	●	●
	Eco	●	●	●
	Dehumidification	●	●	●
	Fan	●	●	●
Triple Protector	Quiet	●	●	●
	Anti-Corrosion Fin	●	●	●
	Compressor Protector	●	●	●
Controls	PBA Protector	●	●	●
	Remote controller included	●	●	●
	Wired Remote Controller	Optional	Optional	Optional
	Centralised controller compatibility	Optional	Optional	Optional
Others	Drain Pump included	-	-	-



	Cebu	Luzon
	-	-
	Auto	Auto
	Manual	Manual
	5/4	5/4
	●	●
	-	-
	-	-
	●	●
	-	-
	●	●
	-	-
	●	●
	●	Optional
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	●	●
	Optional	Optional
	Optional	Optional



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)		AR09TXFYAWKXEU	AR12TXFYAWKXEU	AR18TXFYAWKXEU	AR24TXFYAWKXEU
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 ¹		3.81	3.72	3.53	3.15
	SEER ¹	W/W	6.7/	6.5/	6.8/	6.4/
	SCOP ¹		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/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)	l/s	163/155/140	172/155/140	263/240/216.7
		Heating (H/M/L)				
	Outdoor	l/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	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
		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		0.70	0.70	1.30	1.15
	Additional Charge		15	15	15	15
	CO ₂ Equivalent (R32 - GWP 675)		0.47	0.47	0.88	0.78
	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	kW	0.205/0.70/1.03	0.205/1.22/1.4	0.32 / 1.39 / 2.18
		Heating				
	Current Input	Cooling	A	1.3/3.6/4.7	1.3/5.6/6.3	2 / 6.4 / 10
		Heating				
	MCA		A	5.6	6.4	11.5
	MFA		A	16	16	20
	Interconnecting Communication Cable		mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection		

¹ Energy labels as shown are according to EU No 626/2011 (LOT10) 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 Luzon

- Compressor with Digital Inverter Boost technology.
- 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		AR09TXHZAWKXEU	AR12TXHZAWKXEU	AR18TXHZAWKXEU	AR24TXHZAWKXEU
	Outdoor Unit (1-phase)		AR09TXHZAWKXEU	AR12TXHZAWKXEU	AR18TXHZAWKXEU	AR24TXHZAWKXEU
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	2.32	2.71	3.91	5.52
Efficiency	EER	W/W	3.57	2.87	3.60	3.33
	COP ¹		3.81	3.72	3.51	3.15
	SEER ¹	W/W	6.7/	6.5/	6.8/	6.4/
	SCOP ¹		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	275 / 263 / 240 / 216.7
		Heating (T/H/M/L)				
	Outdoor	l/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	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
		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 ₂ Equivalent (R32 - GWP 675)		0.47	0.47	0.88	0.78
	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	kW	0.205/0.70/1.03	0.205/1.22/1.4	0.32 / 1.39 / 2.18
		Heating				
	Current Input	Cooling	A	1.3/3.6/4.7	1.3/5.6/6.3	2.0 / 6.4 / 10.0
		Heating				
	MCA		A	5.6	6.4	11.5
	MFA		A	16	16	20
	Interconnecting Communication Cable		mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection		

¹ 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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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 ¹			4.21	3.74	3.53	3.15
	SEER ¹	W/W		7.9/	7.3/	6.8/	6.4/
	SCOP ¹			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)	L/s	158/150/142/123	175/167/150/132	262/242/220/188	293/262/232/188
		Heating (T/H/M/L)	L/s	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	ø, inch		3/8	3/8	1/2	5/8
	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		0.94	0.94	1.3	1.3
	Additional Charge	g/m		15	15	15	15
	CO ₂ Equivalent (R32 - GWP 675)	tCO ₂ e		0.63	0.63	0.88	0.88
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	kW	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
	Current Input	Cooling	A	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
	Interconnecting Communication Cable		mm ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection			

¹ 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

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 ¹			3.81	3.72	3.51	3.15
	SEER ¹	W/W		6.7/	6.5/	6.8/	6.4/
	SCOP ¹			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	L/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	ø, inch		3/8	3/8	1/2	5/8
	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		0.7	0.7	1.3	1.15
	Additional Charge	g/m		15	15	15	15
	CO ₂ Equivalent (R32 - GWP 675)	tCO ₂ 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	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 ²		Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection			

¹ 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

- 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		kW	2.50(0.90-3.60)			3.50(0.90-4.80)		
	Heating			3.2 (0.8-7.10)			4.00(0.80-7.30)		
UK Capacity	Sensible cooling		kW	2.31			2.69		
Efficiency	EER		W/W	4.63			3.95		
	COP ¹			4.74			4.26		
	SEER ¹		W/W	8.8/ 			8.5/ 		
	SCOP ¹			5.1/ 			5.1/ 		
Annual Energy Consumption	Cooling		kWh/a	99			144		
	Heating			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)	l/s	185/168/143/118			202/177/152/118		
		Heating (T/H/M/L)	l/s	218/202/177/152			218/193/168/135		
	Outdoor		l/s	750			750		
Dimensions (W x H x D)	Indoor		mm	889 x 299 x 215			889 x 299 x 215		
	Outdoor			790 x 548 x 285			790 x 548 x 285		
Net Weight	Indoor Unit		kg	10.6			10.6		
	Outdoor Unit			32.5			32.5		
Refrigerant	Pipe Size	Gas	ø, inch	3/8			3/8		
		Liquid		1/4			1/4		
	Std/Max Pipe Length (Height)		m	3/15/(8)			3/15/(8)		
	Pre Charge to			5			5		
	Factory Charging		kg	0.97			0.97		
Electrical	Additional Charge		g/m	15			15		
	CO ₂ Equivalent (R32 - GWP 675)		tCO ₂ e	0.65			0.65		
	Power Supply		V, Hz	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	kW	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 ²	Screened 0.75-1.5mm ² , 2 Core, F1 F2 Connection					

¹ Energy labels as shown are according to EU No 626/2011 (LOT 10) 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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Specifications

Console

R32

- SPi Ioniser (included).
- Slim design: only 199 mm in depth.
- Two separate air outlets are possible, upper (cooling or heating) and bottom (cooling and heating)
- Long-life washable permanent filter.
- Auto Restart function.



Indoor Unit			AC026RNJDKG/EU	AC035RNJDKG/EU	AC052RNJDKG/EU
			AC026RXADKG/EU	AC035RXADKG/EU	AC525RXADKG/EU
			-	-	-
Capacity					
	Cooling (Min/Nominal/Max)	kW	1.0/2.6/3.4	0.89/3.50/4.90	1.9/5.0/5.5
	Heating @ +7 °C (Min/Nominal/Max)	kW	1.0/3.5/4.2	1.00/4.00/5.30	1.5/5.6/6.5
	Heating @ -5 °C	kW	3.4	3.9	5.5
	Heating @ -15 °C	kW	3.00	3.50	4.90
Performance					
Energy Efficiency Cooling	SEER ¹	W/W	6.4/	6.1/	5.9/
	Power Consumption	kWh/a	142	201	297
	Pdesignc	kW	2.6	3.5	5.0
	EER	W/W	3.61	3.12	2.79
Energy Efficiency Heating	SCOP ¹	W/W	4.2/	4.1/	4.0/
	Power Consumption	kWh/a	667	683	840
	Pdesignh (average)	kW	2.0	2.0	2.4
	COP ¹	W/W	3.30	3.07	3.01
Airflow Rate	Indoor Unit (H/M/L)	m³/min	7.5/6.8/6.0	8.5/7.2/6.2	9.4/8.4/7.4
Sound Power	Indoor Unit	dB(A)	53	55	60
	Outdoor Unit	dB(A)	59	61	62
Sound Pressure	Indoor Unit (H/M/L/Silent)	dB(A)	36/31/26/23	38/34/30/24	43/39/35/32
	Outdoor Unit (H/L)	dB(A)	47/46	48/48	48/48
Fan/Outdoor Unit	Type		Turbo	Turbo	Turbo
	Power	W	37	35	35
	Number of Fans	-	1	1	1
Operating Temperature Range	Cooling	°C	-15-46	-15-46	-15-50
	Heating	°C	-20.0-24.0	-20.0-24.0	-20.0-24.0
Electrical Data					
Power Source	Indoor Unit	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Mono-Phase	Φ, #, V, Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz	1Φ, 2, 220-240 V, 50 Hz
	Outdoor Unit Tri-Phase	Φ, #, V, Hz	-	-	-
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.23/0.72/1.20	0.25/1.12/1.50	0.25/1.79/2.20
	Heating	kW	0.21/1.06/1.45	0.21/1.30/1.80	0.25/1.86/2.50
Current Input	Cooling (Min/Std/Max)	A	1.6/3.6/5.5	1.6/5.5/7.5	2.6/8.0/10.0
	Heating (Min/Std/Max)	A	1.3/5.0/7.0	1.3/5.9/10.5	2.3/8.3/14.0
Dimensions					
Net Dimensions (W x H x D)	Indoor Unit	mm	720 x 199 x 620	720 x 199 x 620	720 x 199 x 620
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Net Weight	Indoor Unit	kg	16.0	16.0	16.0
	Outdoor Unit	kg	32.5	35.5	46.5
Refrigerant					
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)		
	Factory Charging	kg	0.9/20 m	0.9/20 m	1.2/10 m
	Charging Ton equivalent CO ₂	tCO ₂ e	0.61	0.61	0.81
	Additional Refrigerant Charging	g/m	-	-	15
Piping Connections	Liquid Pipe	ø, inch	1/4	1/4	1/4
	Gas Pipe	ø, inch	3/8	3/8	1/2
Piping Length	Min/Max	m	3/20	3/20	3/30
Piping Height	Max	m	15	15	20
Piping Connections	Drain Pipe	ø, mm	ID 18	ID 18	ID 18

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

Accessories



Wireless Remote Controller (Included)

AR-EH03E



Touch Controller

MWR-SH11N



Advanced Wired Controller

MWR-WG00JN/MWR-WG00KN



Wi-Fi Kit

MIM-H04EN



External Thermostat

MRW-TA

Specifications

Outdoor units

R32

- Compressor with Digital Inverter Boost technology.
- Direct drive fan powered by a BLDC motor.
- Triple Protector Plus to protect compressor, fin and controller from power surges.



Outdoor Unit			AJ040TXJ2KG/EU	AJ050TXJ2KG/EU	AJ052TXJ3KG/EU
Maximum number of connectable indoor units			2	2	3
Capacity					
Capacity	Cooling (Nominal)	kW	4.0	5.0	5.2
	Heating @ +7 °C	kW	4.2	5.6	6.3
	Heating @ -5 °C	kW	3.16	4.22	4.22
	Heating @ -10 °C	kW	2.70	3.60	3.60
	Heating @ -15 °C	kW	2.23	2.98	2.98
Performance					
Energy Efficiency Cooling	SEER ¹	W/W	8.54/	8.54/	8.51/
	Power Consumption	kWh/a	164	205	206
	Pdesignc	kW	4.0	5.0	5.0
	EER	W/W	4.44	4.10	4.16
Energy Efficiency Heating	SCOP ¹	W/W	4.60/	4.64/	3.60/
	Power Consumption	kWh/a	922	1,270	1,400
	Pdesignh (average)	kW	3.1	4.2	4.6
	COP ¹	W/W	4.64	4.38	4.77
Airflow Rate		m³/min	29.7	33.1	38.0
Sound Power		dB(A)	60	61	61
Sound Pressure	Cooling	dB(A)	45	46	46
	Heating	dB(A)	46	47	48
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan
	Discharge direction		Front (horizontal)	Front (horizontal)	Front (horizontal)
	Power	W	40	40	125
	Number of Fans	-	1	1	1
Operating Temperature Range	Cooling	°C	-5.0~46.0	-5.0~46.0	-10.0~46.0
	Heating	°C	-15~24	-15~24	-15~24
Electrical Data					
Power Source		Φ, V, Hz	1Φ, 220~240 V, 50 Hz	1Φ, 220~240 V, 50 Hz	1Φ, 220~240 V, 50 Hz
Compressor Type			Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
Power Consumption	Cooling	kW	0.90	1.22	1.25
	Heating	kW	0.90	1.28	1.32
Operating Current	Cooling	A	4.1	5.6	5.5
	Heating	A	4.1	5.9	6.1
Dimensions					
Net Dimensions (W x H x D)		mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310
Net Weight		kg	32.0	33.0	44.5
Refrigerant					
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)		
	Factory Charging	kg	0.98	1.18	1.55
	Chargeless Piping Length	m	30.0	30.0	30.0
	Charging Ton equivalent CO ₂	tCO ₂ e	0.66	0.80	1.05
	Additional Refrigerant Charging	g/m			
Piping Connections	Liquid Pipe	ø, inch	1/4 x 2	1/4 x 2	1/4 x 3
	Gas Pipe	ø, inch	3/8 x 2	3/8 x 2	3/8 x 2 + 1/2
Piping Length	Total Piping Length	m	30	30	50
	Min/Max	m	3/25	3/25	3/25
Piping Height	Max Height (ID-ID)	m	7.5	7.5	7.5
	Max Height (OD-ID)	m	15	15	15



	AJ068TXJ3KG/EU	AJ080TXJ4KG/EU	AJ100TXJ5KG/EU
	3	4	5
	6.8	8.0	10.0
	8.0	9.3	12.0
	6.02	7.00	9.03
	5.14	5.97	7.70
	4.25	4.94	6.38
	7.75/	7.75/	8.00/
	293	330	387
	6.5	7.3	8.8
	3.78	4.06	3.64
	4.32/	4.10/	4.32/
	1,833	2,009	2,564
	5.7	5.9	7.9
	4.42	4.37	4.26
	47.5	47.5	75.0
	64	64	70
	48	48	54
	50	50	56
	Propeller Fan	Propeller Fan	Propeller Fan
	Front (horizontal)	Front (horizontal)	Front (horizontal)
	125	125	125
	1	1	1
	-10.0~46.0	-10.0~46.0	-10.0~46.0
	-15~24	-15~24	-15~24
	1Φ, 220~240 V, 50 Hz	1Φ, 220~240 V, 50 Hz	1Φ, 220~240 V, 50 Hz
	Twin BLDC Rotary	Twin BLDC Rotary	Twin BLDC Rotary
	1.80	1.97	2.75
	1.81	2.13	2.82
	8.1	8.9	12.2
	8.2	9.5	12.8
	880 x 798 x 310	880 x 798 x 310	940 x 998 x 330
	57.5	57.5	76.5
	R32 (contains fluorinated greenhouse gases. GWP = 675)		
	2.00	2.00	2.70
	30.0	30.0	30.0
	1.35	1.35	1.82
	10	20	10
	1/4 x 3	1/4 x 4	1/4 x 5
	3/8 + 1/2 x 2	3/8 x 2 + 1/2 x 2	3/8 x 2 + 1/2 x 3
	50	70	75
	3/25	3/25	3/25
	7.5	7.5	7.5
	15	15	15

Compatibility guide

			Multi Split Wall Mounted Indoor Unit												
															
Model			WindFree™ Elite			WindFree™ Avant					WindFree™ Comfort				
Indoor unit model code			AR09/12CXCAAWKNEU			AR07TXEAAWKNEU/09/12					AR07TXFCAWKNEU/ 09/12/18/24				
Refrigerant type	Outdoor unit model code	Capacity (kW)	2.0	2.5	3.5	2.0	2.5	3.5	5.2	6.8	2.0	2.5	3.5	5.2	6.8
R32	AJ040TXJ2KG/EU	4.0	●	●	●	●	●	●			●	●	●		
	AJ050TXJ2KG/EU	5.0	●	●	●	●	●	●	●		●	●	●	●	
	AJ052TXJ3KG/EU	5.2	●	●	●	●	●	●	●		●	●	●	●	
	AJ068TXJ3KG/EU	6.8	●	●	●	●	●	●	●		●	●	●	●	
	AJ080TXJ4KG/EU	8.0	●	●	●	●	●	●	●	●	●	●	●	●	●
	AJ100TXJ5KG/EU	10.0	●	●	●	●	●	●	●	●	●	●	●	●	●

Other Multi Split Indoor Unit															
															
Model			WindFree™ 4-Way 600 x 600 Cassette					WindFree™ 1-Way		Duct			Console		
Indoor unit model code			AJ016TNNDKG/EU/20/26/35/52					AJ026TN1DKG/EU/35		AJ026TNLPEG/EU/35 AJ052BNMDEG/EU			AJ026TNJDKG/EU/35/52		
Refrigerant type	Outdoor unit model code	Capacity (kW)	1.6	2.0	2.6	3.5	5.2	2.6	3.5	2.6	3.5	5.2	2.6	3.5	5.2
R32	AJ040TXJ2KG/EU	4.0						●	●				●	●	
	AJ050TXJ2KG/EU	5.0	●	●	●	●		●	●	●	●		●	●	●
	AJ052TXJ3KG/EU	5.2	●	●	●	●		●	●	●	●		●	●	●
	AJ068TXJ3KG/EU	6.8	●	●	●	●	●	●	●	●	●	●			
	AJ080TXJ4KG/EU	8.0	●	●	●	●	●	●	●	●	●	●			
	AJ100TXJ5KG/EU	10.0	●	●	●	●	●	●	●	●	●	●			

Multi Split Wall Mounted Indoor Unit										
Cebu						Luzon				
AR07TXFYAWKNEU/09/12/18/24						AR07TXHZAWKNEU/09/12/18/24				
2.0	2.5	3.5	5.2	6.8		2.0	2.5	3.5	5.2	6.8
•	•	•				•	•	•		
•	•	•	•			•	•	•	•	
•	•	•	•			•	•	•	•	
•	•	•	•			•	•	•	•	
•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•



works with

amazon alexa

Bixby

works with

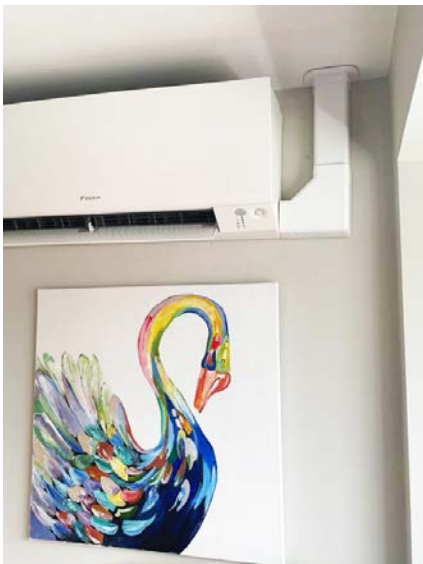
Hey Google

Smart Connectivity with Amazon Alexa and Google Assistant

Remotely activate and control your home temperature, simply via a voice command² or a simple click. All of our Single Split Air Conditioning systems with embedded Wi-Fi connection, in addition to our Multi-Split and Light Commercial systems with optional Wi-Fi kit are compatible with Google Assistant³ and Amazon Alexa³, as well as with Samsung Smart Things app¹ and Bixby 2.0 Artificial Intelligence (AI) system^{1,2,3}.

¹ A Wi-Fi connection and Samsung SmartThings application account are required. Wi-Fi Kit to be ordered separately. Requires iOS 10.0 or later & Android 5.0 or later.
² Currently Voice control is supported in English (US, UK, Indian), Chinese, Korean, French, German, Italian, Spanish and Portuguese.
³ Voice control is supported by AI speakers such as Samsung Bixby 2.0, Google Assistant (Google Home) and Amazon Alexa. Google Assistant is not available in certain languages and countries. Google is a trademark of Google LLC.

Trunking Internal



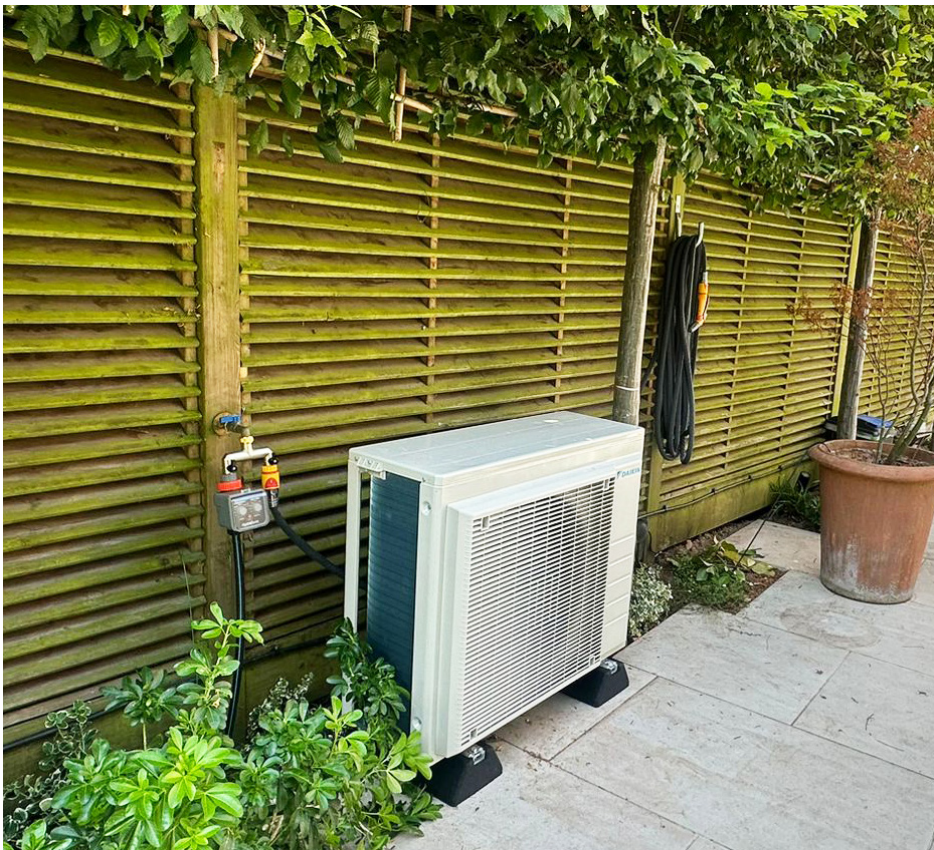
Trunking External



Condensing Wall Mounted

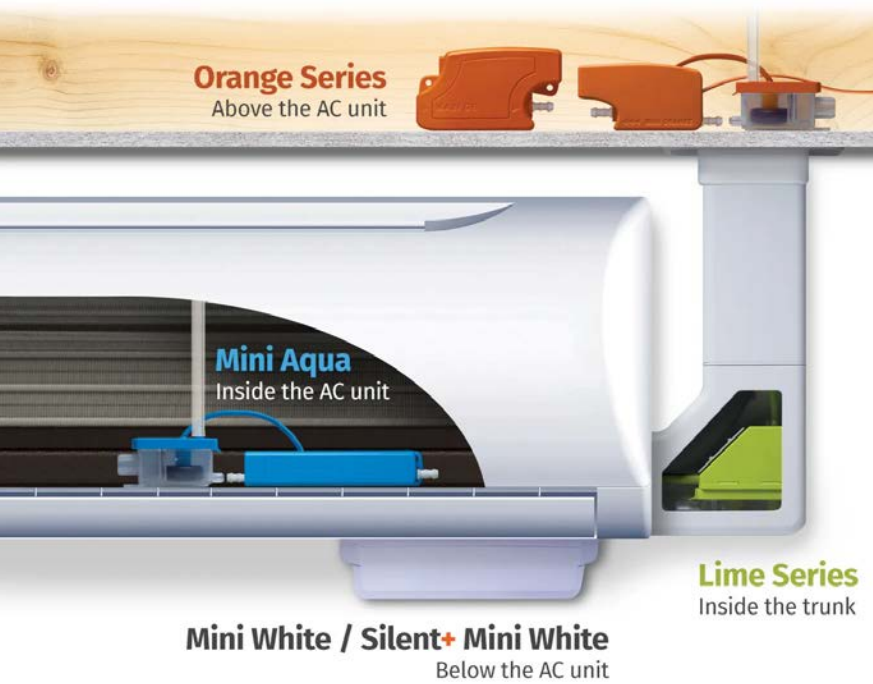


Condensing Floor Mounted

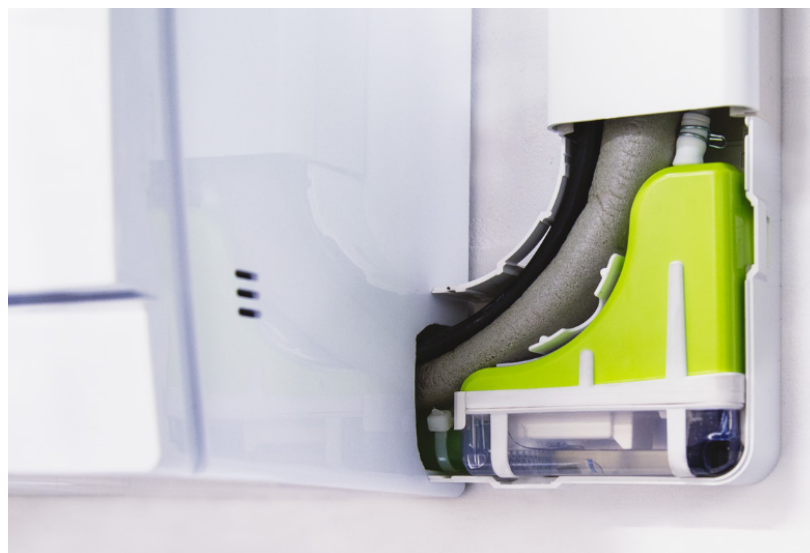


Condensate Pumps

Some air conditioning units need a condensate pump if gravity is not available.



A condensate pump removes the water that accumulates as condensation from the cooling coils, preventing it from overflowing inside the unit and causing water damage; essentially, the pump pushes this collected water outside through a drain line.



Condensate Pumps



Function:

The pump actively moves the condensed water (from the air) out of the drain pan and into a drainage system.

When needed:

Most air conditioners require a condensate pump if the drain line is not positioned to allow gravity drainage.

Importance:

If gravity is unavailable then without a pump, the drain pan would fill up and overflow, potentially causing water damage inside your home.

