perfera



Perfera

All-year-round comfort



Why choose Perfera wall-mounted unit?

Perfera Wall Mounted delivers powerful performance with low energy use - keeping homes perfectly comfortable while helping giving highest performance efficiency.

1 | High efficiency

up to A+++ → D in heating

up to A+++ → D in cooling

Cost-efficiency and performance-efficiency can be achieved in 2 ways:

1. **PAIR:** By combining one indoor with one outdoor, Daikin delivers the highest efficiency levels on the market. With efficiencies up to A+++, it will save on your energy bills and create wonderful living comfort all year round.
2. **MULTI:** For certain combinations of Perfera with 3MXM52A8 outdoor unit an energy efficiency of up to A+++ in cooling and heating* can be reached.

Unique!
Perfera achieves **up to A+++** heating efficiency in multi combinations

Outdoor Unit	Indoor Unit	Energy label	
	C/FTXM-A	Cooling	Heating
3MXM52A2V1B(8) *	1.5 + 1.5 + 3.5	A+++	A+++
	1.5 + 2.0 + 3.5	A+++	A+++
	1.5 + 2.5 + 3.5	A+++	A+++
	2.0 + 2.0 + 3.5	A+++	A+++
	2.0 + 2.5 + 3.5	A+++	A+++
	2.5 + 2.5 + 3.5	A+++	A+++

2 | Features & benefits designed for comfort

Comfort+

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





2-area motion detection

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

Result: Perfect airflow and low-energy consumption.



3 | Clean air

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

The titanium apatite deodorising filter: works hard to combat smells such as tobacco smoke and pet odours.

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



4 | Full connectivity & peace of mind

Control units
with **Daikin Onecta App**

Your customers can find the best unit for their home
with just a few clicks on **Residential Solutions Navigator**

Provide more peace of mind to your customers
with remote monitoring with **Daikin Cloud Service Residential**



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Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

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



of even large spaces

FTXM-A CTXM-A RXM-A9 RXM-A8 RXM-A

Efficiency data				FTXM + RXM	CTXM15A	20A + 20A	25A + 25A9	35A + 35A9	42A + 42A	50A + 50A8	60A + 60A	71A + 71A
Cooling capacity	Min./Nom./Max.			kW		0.90/2.00/3.00	0.9/2.5/3.8	0.9/3.5/4.4	1.50/4.20/5.20	1.7/5/5.3	1.7/6/7	2.3/7.1/8.5
Heating capacity	Min./Nom./Max.			kW		0.80/2.50/4.50	0.8/2.8/5	0.8/4/5.5	1.50/5.40/6.20	1.7/5.8/6.5	1.7/7/8	2.3/8.2/10.2
Space cooling	Energy efficiency class											
	Capacity		Pdesign	kW		2.00	2.5	3.5	4.20	5	6	7.1
	SEER					9.47		9.25	8.11	7.55	6.9	6.2
	Annual energy consumption			kWh/a	Multi combination only	74	92	132	181	232	304	401
Space heating (Average climate)	Energy efficiency class											
	Capacity		Pdesign	kW		2.30	2.4	2.5	4.00	4.5	4.8	6.2
	SCOP/A					5.20		5.2	5.00	4.76	4.3	4.1
	Annual energy consumption			kWh/a		619	647	673	1,120	1,326	1,562	2,116

Indoor unit				FTXM	CTXM15A	20A	25A	35A	42A	50A	60A	71A
Dimensions	Unit	HeightxWidthxDepth		mm		298x804x252					298x997x292	
Weight	Unit			kg		11.5					14.5	
Air filter	Type					Removable/washable						
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m^3/min		4.9/6.3/8.9/11.9		4.6/7.1/9.4/13.2	5.0/7.2/9.8/13.3	5.9/7.8/10.4/12.7	8.6/11.2/13.4/15.6	9.3/11.4/13.6/15.8
		Heating	Silent operation/Low/Medium/High	m^3/min		4.9/6.9/9.2/11.4		5.1/6.9/9.4/11.1	5.3/7.1/10.0/14.0	6.9/8.6/11.5/14.5	10.5/11.8/14.6/15.9	11.2/12.3/15.3/17.3
Sound power level	Cooling			dBA		54		58	60			
	Heating			dBA		53			60		59	61
Sound pressure level	Cooling	Silent operation/Low/High		dBA		19/25/41		19/29/45	21/30/45	27/33/46	30/37/46	32/38/47
	Heating	Silent operation/Low/High		dBA		20/26/39	20/27/39	20/28/39	21/29/45	31/34/46	33/36/45	34/37/46
Control systems	Infrared remote control					ARC466A86						
	Wired remote control					BRC073A1						

Outdoor unit				RXM	CTXM15A	20A	25A9	35A9	42A	50A8	60A	71A
Dimensions	Unit	HeightxWidthxDepth		mm		610x923x367				610x923x367	734x954x401	
Weight	Unit			kg		36			40	40	49	55
Sound power level	Cooling	Nom.		dBA		58			61	61	63	66
	Heating	Nom.		dBA		58		60	61	62	63	67
Sound pressure level	Cooling	Nom.		dBA		46		47	48	48	48	47
	Heating	Nom.		dBA		47		49		49	49	48
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~50				-10~50	-10~50	-10~46
	Heating	Ambient	Min.~Max.	°CWB		-21~18				-21~18	-21~18	-15~18
				°CDB		-20~24				-20~24	-20~24	-15~24
Refrigerant	Type					R-32				R-32	R-32	
	GWP					675				675	675	
	Charge			kg/tCO2Eq	Multi combination only	0.95/0.65				0.95/0.65	1.15/0.78	
Piping connections	Liquid	OD		mm		6.4				6.4	6	
	Gas	OD		mm		9.5				12.5	12.7	15.9
	Piping length	OU - IU	Max.	m		20			30	30	30	
		System	Chargeless	m		10				10	10	
	Additional refrigerant charge			kg/m		0.02 (for piping length exceeding 10m)				0.02 (for piping length exceeding 10m)	0.02 (for piping length exceeding 10m)	
	Level difference	IU - OU	Max.	m		15			20	20	20	
Power supply	Phase/Hz/V					1~/50/220-240				1~/50/220-240	1~/50/220-240	
Current - 50Hz	A					10	13			13	16	20

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