

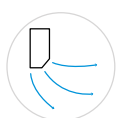


Perfera, Go with the heating flow

Perfera floor standing unit makes your world comfortable

Whatever you're planning to do with your day, you want to be comfortable while you're doing it. Whether it's the coolness of a summer breeze or the cosiness during winter, your living space needs that delicious feeling of wellbeing all year round. Perfera is unobtrusive and features a stylishly designed front panel, whisper-quiet operation and reduced airflow, turning each room into a true heaven of conspicuous comfort.

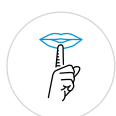
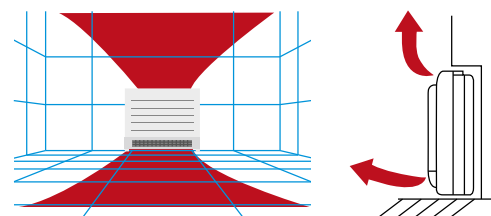
Multi connection on all capacities: from 2 to 5 port multi



Comfortable: dual airflow

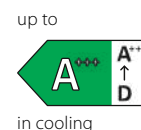
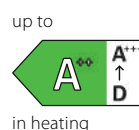
Easier individual control of airflow

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



Silent operation

Perfera uses a **specially designed turbo fan** that optimises airflow and creates high energy efficiency at low sound levels.



Air quality

Flash streamer/titanium apatite deodorising filter

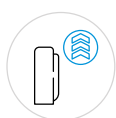
Flash streamer: using electrons to trigger chemical reactions with airborne particles, the Flash Streamer removes allergens such as pollen and fungal allergens, eliminating unpleasant odours and providing better, cleaner air. And the titanium apatite deodorising filter works hard to combat smells such as tobacco smoke and pets.

Installation

Whether **built-in** or **wall-mounted**, the Perfera blends into the background and fits into your interior without any problem.



3 unique heating features



Heat boost

Heat boost quickly heats up your home when starting up your air-to-air heat pump. Set temperature is reached 14% faster* than a regular unit (pair only).

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



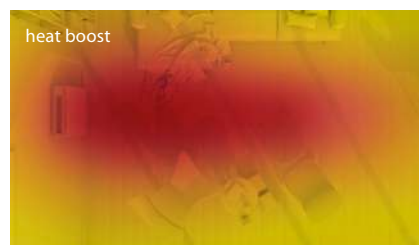
Floor warming

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



Heat plus

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



Full connectivity

Onecta App

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

Residential Solutions Navigator (RSN)

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

DCS Residential

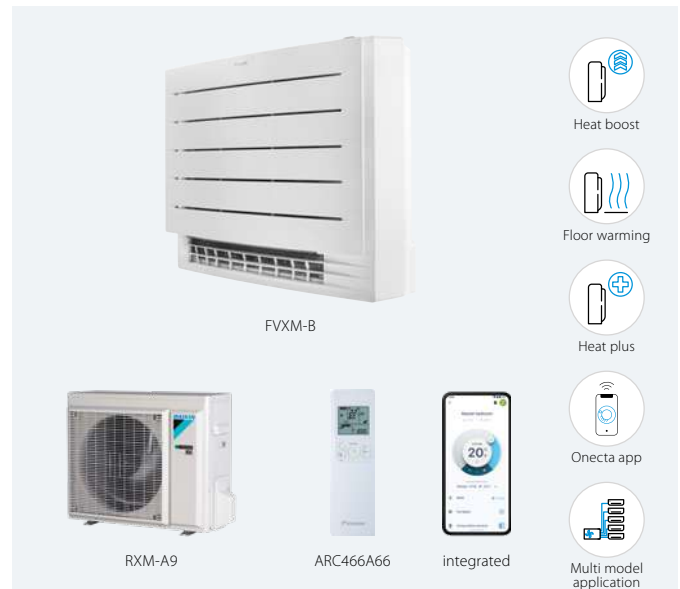
From the professional portal, Installers can activate the remote monitoring allowing them to supervise your installation on multiple parameters, from their location. (see page 344)



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
- Combinable with all multi outdoor units (2 to 5 ports)
- 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



CVXM-B



FVXM-B



RXM-A9



RXM-A8

Efficiency data			FVXM-B + RXM	CVXM20B	25B + 25A9	35B + 35A9	50B + 50A8
Cooling capacity	Min./Nom./Max.		kW	Multi connection only	1.3/2.4/3.5	1.4/3.4/4	1.4/5/5.4
Heating capacity	Min./Nom./Max.		kW		1.3/3.4/4.7	1.4/4.5/5.8	1.4/5.8/6.2
Power input	Cooling	Nom.	kW		0.52	0.8	1.36
	Heating	Nom.	kW		0.75	1.15	1.56
Space cooling	Energy efficiency class						
	Capacity	Pdesign	kW		2.4	3.4	5
	SEER				8.64	8.19	7.2
	Annual energy consumption		kWh/a		97	145	243
Space heating (Average climate)	Energy efficiency class						
	Capacity	Pdesign	kW		2.3	2.8	4.1
	SCOP/A				4.7	4.68	4.26
	Annual energy consumption		kWh/a		686	837	1,346
Nominal efficiency	EER				4.63	4.23	3.67
	COP				4.55	3.92	3.71
	Annual energy consumption		kWh		259	402	681
	Energy labeling Directive Cooling/Heating				A/A		
Current - 50Hz	Maximum fuse amps (MFA)		A			13	

Indoor unit		FVXM-B		CVXM20B	25B	35B	50B
Dimensions	Unit	HeightxWidthxDepth		mm	600x750x238	600x750x238	
Weight	Unit			kg	17	17	
Air filter	Type				Removable / washable	Removable/washable	
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min	4.1/4.9/7/8.7	4.1/4.9/7/8.7	4.1/4.9/7/9.2
		Heating	Silent operation/Low/Medium/High	m³/min	4.1/5.6/7.2/9.2	4.1/5.6/7.2/9.2	4.1/5.6/7.2/9.8
Sound power level	Cooling			dBA	52.0	52	53
	Heating			dBA	52.0	52	53
Sound pressure level	Cooling	Silent operation/Low/High		dBA	22.0/25.0/38.0	20/25/38	20/25/39
	Heating	Silent operation/Low/High		dBA	21.0/25.0/38.0	19/25/38	19/25/39
Control systems	Infrared remote control				ARC466A66	ARC466A90	
	Wired remote control				BRC073A1	BRC073A1	

Outdoor unit		RXM/RXM		CVXM20B	25A9	35A9	50A8
Dimensions	Unit	HeightxWidthxDepth		mm	Multi connection only	610x923x367	
Weight	Unit			kg		3640	
Sound power level	Cooling	Nom.		dBA		5861	
	Heating	Nom.		dBA		5862	
Sound pressure level	Cooling	Nom.		dBA		4648	
	Heating	Nom.		dBA		4749	
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~50-10~50(1)/46(1)	
	Heating	Ambient	Min.~Max.	°CWB		-21~18-21(1)/-15(1)~18	
				°CDB		-20~24-20(1)/-15(1)~24	
Refrigerant	Type					R-32	
	GWP					675	
Piping connections	Charge			kg/tCO2Eq		0.95/0.65	
	Liquid	OD		mm		6.4	
	Gas	OD		mm		9.512.7	
	Piping length	OU - IU	Max.	m	2030		
		System	Chargeless	m	10		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
	Level difference	IU - OU	Max.	m	1520		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	13		

(1) 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°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