

Go with
the heating flow



NEW Perfera
floor standing unit

Find out more at www.daikin.co.uk



Perfera
makes your world
a comfortable one.



Perfera floor standing unit

Designed for comfort

Perfera makes your world a comfortable one.

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 haven of conspicuous comfort.

Heating & cooling in one

Quiet and understated, Perfera offers you the best in heating and cooling options, as well as in comfort and design. And the new Perfera now has 3 extra features in heating designed to make your life a breeze: **heat boost, floor warming & heat plus**.

Features of the new Perfera

- Eye-catching contemporary design
- Up to A++ in heating and A+++ in cooling
- **3 unique heating functions: heat boost, floor warming and heat plus**
- Dual air discharge flow for better air distribution
- Indoor air quality guaranteed with Flash streamer
- Built-in online controller **connectable to voice control**
- So quiet: as little as 19 dBA when operating in silent mode
- Can be combined with pair, 2-port and 3-port* multi outdoor units

* In case of 3MXM40N8 and 3MXM52N8 combination, maximum piping length of the installation must be limited to 30m

Intelligent

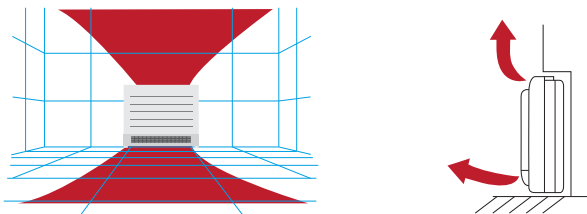
Powerful - Quiet



Comfortable: Dual airflow

(easier individual control of airflow)

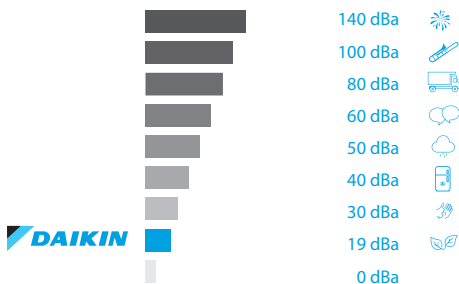
The dual airflow of the Perfera floor-standing unit is perfect for creating the ideal level of heating. Air is directed both upwards and downwards to deliver even warm air distribution. And when the Perfera is in heat mode, your feet stay warm and the temperature throughout the room is evenly distributed,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



Silent operation

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

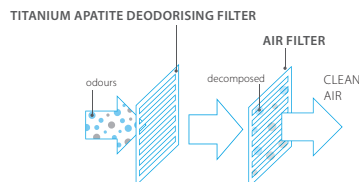
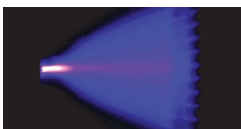
Together, the fan and heat exchanger produce top energy performance, yet operate at a sound level that is practically inaudible. Shhh!



Air quality

Flash streamer/ titanium apatite deodorising filter

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.



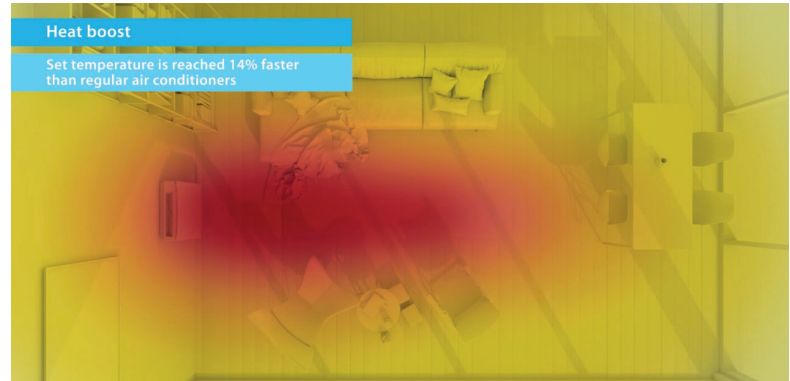


3 Unique heating features



Heat boost

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)



*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.





Technology meets **design** for the ideal climate solution

The look of the Perfera floor-standing unit is functional, yet stylish. Its sleek design and flowing lines fit in easily with most contemporary interiors. And the powerful, yet whisper-quiet operation reaches the temperature that is right for you in no time. In fact, the cosy feeling created by the Perfera and its unique heating features almost makes you wish that winter would last forever...

Perfera design benefits

- › The compact design of the new Perfera means it will fit just about anywhere – even below a window

Intelligent and efficient design

- › The dual airflow and wide air intake enable the Perfera to achieve high efficiency

Let's talk about Energy efficiency

Energy label

The enhanced design of the Perfera boosts energy efficiency even further compared with previous models. It boasts a seasonal energy efficiency ratio (SEER) of up to 8.55 and a seasonal coefficient of performance (SCOP) of up to 4.70. This gives the Perfera **best-in-class performance**, with seasonal efficiency values up to A++ in heating resulting in low running costs. The Perfera is an energy-saving winner from every angle.

up to



in heating

up to



in cooling

Wide upper flap

› Enables you to direct hot or cool air in the exact direction you want



Sleep comfortable

with the new Perfera

Night set mode



To help you sleep more comfortably, Daikin night set mode prevents overheating or overcooling during the night. If the timer is switched on, the unit will automatically set the temperature 2°C cooler when heating and 0.5°C warmer when cooling. This keeps the ambient temperature nice and even – and prevents rapid changes that could disturb your sleep.



Econo mode

The Econo mode reduces power consumption and prevents overloading your electrical circuits when other household appliances are also in use. By activating the Econo mode, maximum operating power and energy consumption are reduced by around 30% during start-up.

Daikin Eye

Daikin eye is not only an identification of Daikin design but also the operation is indicated with different colours. Moreover, to sleep comfortably, the Daikin eye light can be dimmed or shut off by the remote controller



Application



Optimised for perfect heating even when the temperature outside is as low as -25°C

To guarantee the seamless operation of your heating system, even with outside temperatures as low as minus 25°C, the Daikin Optimised Heating 4 range offers enhanced features that make heating your space comfortably a breeze.



Pair or Multi connection

The Perfera can be used in a single room set-up, with one indoor unit connected to one outdoor unit, or in a multiple room application with a maximum of **three indoor units connected to one outdoor unit**. The outdoor unit can be installed on the roof, terrace or against an outside wall.

Wide product range

- › The new Perfera capacity has an extended range, including a 20 class for multi applications
- › It offers 4 capacities: 20, 25, 35 and 50 class



Heating and cooling in one

easy to install and easy to control

Installation

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



Flexible control

The indoor unit is easy to control with the infrared remote control supplied as standard. It also comes equipped with a weekly timer, enabling you to programme a seven-day schedule with four different operations per day.

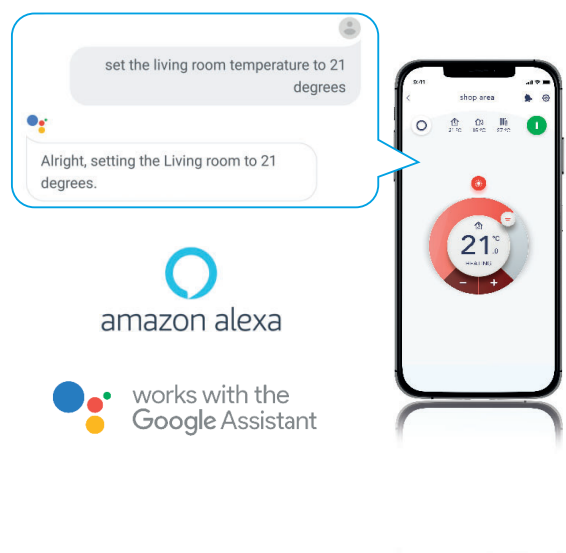
You can also manage Perfera, using your smartphone. Simply connect to Wi-Fi and download the **Daikin Residential Controller app** to begin creating the perfectly comfortable climate for your home.

NEW 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

Intuitive online and voice control



Perfera for optimal heating comfort thanks to high energy efficiencies

perfera **BLUEEVOLUTION**
FVXM-A + RXP-M



Indoor Units			CVXM20A	FVXM25A	FVXM35A	FVXM50A
Capacity	UK Total Cooling	kW	Multi Combinations Only	2.35	3.42	4.86
	UK Sensible Cooling	kW		1.71	2.34	3.20
	Nominal Cooling	kW		2.4	3.5	5.0
	Nominal Heating	kW		3.4	4.5	5.8
Seasonal Efficiency (EN14825) COOLING	Energy Label			A+++	A++	A++
	Pdesign	kW		2.4	3.4	5.0
	SEER			8.55	8.11	7.30
Seasonal Efficiency (EN14825) HEATING	Annual Energy Consumption	kWh		98	147	240
	Energy Label			A++	A++	A+
	Pdesign	kW		2.3	2.8	4.1
HEATING	SCOP			4.65	4.63	4.31
	Annual Energy Consumption	kWh		692	847	1332
	Air Flow Rate (Cooling)	High / Med / Low / Silent	m ³ /sec	0.145 / 0.117 / 0.082 / 0.068	0.145 / 0.117 / 0.082 / 0.068	0.153 / 0.117 / 0.082 / 0.068
Dimensions	Height / Width / Depth	mm	600 x 750 x 238	600 x 750 x 238	600 x 750 x 238	600 x 750 x 238
Weight		kg	17	17	17	17
Sound Pressure (Cooling)	High / Nom / Low / Silent	dB(A)	38 / 32 / 25 / 22	38 / 32 / 25 / 20	39 / 32 / 25 / 20	44 / 38 / 31 / 27
Sound Pressure (Heating)	High / Nom / Low / Silent		38 / 32 / 25 / 21	38 / 32 / 25 / 19	39 / 32 / 25 / 19	46 / 40 / 35 / 29
Sound Power (Cooling)		dB(A)	52	52	53	61
Outdoor Units			RXP20M	RXM25R	RXM35R	RXM50R
Dimensions	Height x Width x Depth	mm	Multi Combinations Only	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373
Weight		kg		32	49	49
Electrical Details	Power Supply			1ph	1ph	1ph
	Maximum Input Current (MCA)			9.54	9.58	14.04
	Max Fuse Size	A		13	13	16
Interconnection Wiring	Core / Cable Size			3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)		1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m		20	20	30
	Maximum Vertical Rise	m		15	15	20
	Precharged to	m		10	10	10
	Additional charge	g/m		20	20	20
	Holding charge	kg		0.76	0.76	1.15
Sound Pressure (Cooling)	Nominal	dB(A)	46	49	48	
Sound Pressure (Heating)	Nominal	dB(A)	47	49	49	
Sound Power (Cooling)		dB(A)	58	61	62	
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	
Air Flow Rate (Cooling)	Nominal	m ³ /sec	0.472	0.600	0.777	
ECA Eligible			•	•	•	

Accessories

Accessory Ref	Description
EKRS21	Wire harness for new S21 port for all marked (*) options
BRC073*	Wired remote Control - Connection cable required
BRCW901A03	3m extension cord required for wired remote control BRC073
BRCW901A08	8m extension cord required for wired remote control BRC073
KRP413A15*	Adaptor PCB for remote on/off control - constant/pulse contact
KRP928A25*	Adaptor PCB for interface to Daikin centralised control systems
KLIC-DD*	KNX interface for Split type systems
RTD-RA*	Adaptor PCB for Modbus connection and/or extended system functions
K.CWB90-2	Wall Bracket (90Kg, 500mm Support Arm)
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm
K.CGS	Condensing Unit Guard (750 x 1050 x 460)
K.CGM	Condensing Unit Guard (1150 x 1150 x 650)

Notes & Features

- › Wired controller, KLIC-DI and RTD-RA options cannot be combined
- › Wireless remote controller with 7days weekly timer
- › Night set mode
- › Powerful operation
- › Dry programme: reduces humidity in the rooms without variations in internal temperature
- › Heat Boost function to reach set point quicker during start-up
- › Heat+ warms up room for 30min via radiation at low fan speed
- › Floor warming function to provide even heat distribution up to 3.5m distance

An innovation for your benefit

Inverter Technology

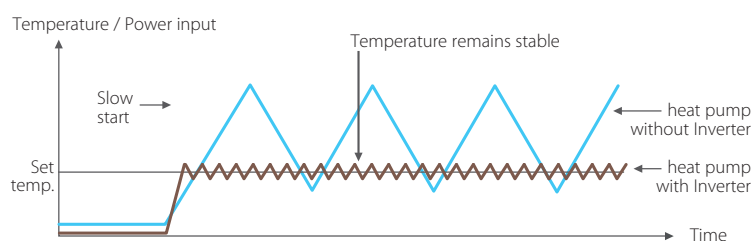
The inverter technology developed by Daikin is a true innovation in climate control. The principle is simple: inverters adjust the power used to suit actual requirements. No more, no less.

This clever technology provides you with two tangible benefits:

Comfort

The inverter repays your investment many times over by improving overall comfort. A heat pump system with an inverter continuously adjusts its heating and cooling output to suit the temperature in the room. The inverter shortens the system start-up time, enabling the required room temperature to be reached more quickly. As soon as the target temperature is reached, the inverter ensures it is maintained

Heating operation:



Energy efficient

Because an inverter monitors and adjusts the ambient temperature whenever needed, energy consumption drops by 30% compared with a traditional on/off system.

30%
LESS ENERGY CONSUMED

100% Bluevolution range

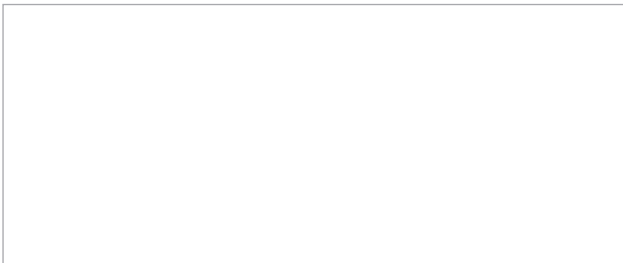
Thinking beyond today **BLUEEVOLUTION** **R-32**

From 2025, the European F-gas regulation will require the use of refrigerants with a GWP of below 750 for all pair split air conditioner installations with a refrigerant charge below 3 kg. With R32, Daikin is already compliant with this regulation for years.'



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