



perfera
all seasons

A better world
starting from home



Perfera wall mounted unit





Perfera Great looks
that deliver even
smoother air flow

Perfera wall mounted unit

Designed for comfort

Perfera, all seasons

Whatever the weather's doing outside, inside you want optimum comfort throughout the day. Perfera instinctively knows how to keep the room temperature in your living or working space at the ideal level, so that you and those around you can get on with relaxing, enjoying yourselves – and being productive. The stylishly designed front panel, whisper-quiet operation and the perfect circulation of cooled or heated air help make each room the place you – and everyone – always want to be.

Perfera: comfort to the next level

Perfera's climate control pedigree offers you the very best in heating and cooling options. Designed to create perfect comfort throughout the room, the new Perfera now has the comfort+ function: the double flaps direct the air towards the ceiling in cooling and along the wall in heating.

Features of the new Perfera

- › 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).
- NEW** › Comfort+: perfect comfort with homogeneous temperature throughout the room.
The double flaps direct the air towards the ceiling in heating and along the wall in heating.
- › 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 .
- › Titanium apatite deodorising filter decomposes bothersome odours of for example tobacco and pets
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc .
- › 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.

Technology meets design for the ideal climate solution



Sheer bliss

While the outside of the new Perfera is all about eye-catching design and style, it's the inside that creates the perfect indoor climate. And once Perfera has generated the exact air temperature you set, the double flap ensures a further, more consistent flow of air that is distributed evenly. The Perfera has been redesigned to ensure perfect comfort throughout all seasons. The result is a wall mounted unit that is so discreet it is almost like a piece of art – a masterpiece, you might say!

Double flap

Two flaps create a precise angle to make the airflow path narrower. This increases air velocity to ensure the air travels further.



Result

Perfect comfort and low-energy consumption. With its double flap system, the airflow is "squeezed" through the flaps acquiring greater velocity to travel upwards (avoiding cold airflow directly onto people).



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 9.47 and a seasonal coefficient of performance (SCOP) of up to 5.20. This gives the Perfera **best-in-class performance**, with seasonal efficiency values up to A+++ in cooling and heating resulting in low running costs.

The Perfera is an energy-saving winner from every angle.



Up to A+++
in cooling & heating

NEW For certain combinations of Perfera with multi outdoor unit

3MXM52A(9) an energy efficiency of up to A+++ in cooling and heating* can be reached

Outdoor Unit	Indoor Unit	Energy label	
		Cooling	Heating
3MXM52A2V1B(9) *	C/FTXM-A		
	1.5 + 1.5 + 3.5	A+++	A+++
	1.5 + 2.5 + 3.5	A+++	A+++
	2.5 + 2.5 + 3.5	A+++	A+++



Intelligent Powerful - Quiet



NEW Comfort +

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



3-D Air flow

By pressing the buttons on the remote control, the 3-D function combines vertical and horizontal circulation to create a stream of cool/warm air that circulates evenly in large spaces.



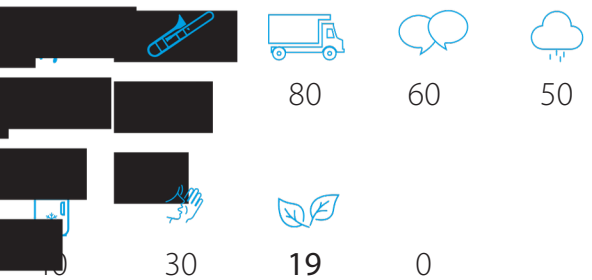
Silent operation

Perfera uses a specially designed fan that creates high energy levels. For even higher energy levels, DAIKIN has also designed a new fan that fits standard dimensions.

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

Sound level

Indication



DAIKIN



Air quality

Flash streamer/ titanium apatite deodorising filter

Flashstreamer: 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.



Silver allergen removal filter

The Silver allergen removal and air purifying filter is your solution, because it captures allergens such as pollen to ensure a steady supply of clean air.



NEW Static air filter:

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

Quick heating feature



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

Sleep comfortable with the new Perfera



2 area motion detection sensor

Air flow is sent to a zone other than where the person is located at that moment. Detection is done in 2 directions: left and right. If no people are detected, the unit will automatically switch over to the energy-efficient setting.



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.



Outdoor silent operation

To ensure a quiet environment for the neighbourhood the user can lower the operation sound of the outdoor unit by 3 dB(A) via remote control.



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.

Application



Extended operation range

The Perfera is suitable for all climates, even withstanding severe weather conditions with an operation range down to -20°C and up to 50°C.



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 **five 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 Perfera has a wide product range, including a 15 class for multi applications
- › It offers 8 capacities: 15, 20, 25, 35, 42, 50, 60 and 71 class



Control your climate from anywhere

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 **Onecta app** to begin creating the perfectly comfortable climate for your home.

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



Perfera for optimal comfort thanks to high energy efficiencies

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



Efficiency data				FTXM + RXM		CTXM15A	25A + 25A	35A + 35A	50A + 50A9	60A + 60A	71A + 71A			
Cooling capacity	Min./Nom./Max.			kW	kW	kW	kW	0.90/2.50/3.80	0.90/3.50/4.40	1.70/5.00/5.30	1.70/6.00/7.00	2.30/7.10/8.50		
Heating capacity	Min./Nom./Max.							0.80/2.80/5.00	0.80/4.00/5.50	1.70/5.80/6.50	1.70/7.00/8.00	2.30/8.20/10.20		
Power input	Cooling	Nom.						0.48	0.76	1.36	1.77	2.34		
	Heating	Nom.						0.50	0.88	1.40	1.94	2.57		
Space cooling	Energy efficiency class							A+++		A++				
	Capacity	Pdesign			kW			2.50	3.50	5.00	6.00	7.10		
	SEER							9.47	9.25	7.80	6.90	6.20		
	Annual energy consumption				kWh/a			92	132	224	304	401		
Space heating (Average climate)	Energy efficiency class							A+++		A++		A+		
	Capacity	Pdesign			kW			2.40	2.50	4.50	4.80	6.20		
	SCOP/A							5.20		4.80	4.30	4.10		
	Annual energy consumption				kWh/a			647	673	1,312	1,562	2,117		
Nominal efficiency	EER							5.20	4.63	3.68	3.39	3.03		
	COP							5.00	4.55	4.15	3.61	3.19		
	Annual energy consumption				kWh			240	378	679	885	1,172		
	Energy labeling Directive			Cooling/Heating				A/A				B/D		
												71A		
Indoor unit				FTXM	CTXM15A	25A	35A	50A	60A	71A				
Dimensions	Unit	HeightxWidthxDepth		mm	298x804x252						298x997x292			
Weight	Unit			kg	11.5						14.5			
Air filter	Type				Removable/washable									
Fan	Air flow rate	Cooling	Silent operation/ Low/Medium/High	m³/min	4.9/6.3/8.9/11.9		4.6/7.1/9.4/13.2		5.9/7.8/10.4/12.7		8.6/11.2/13.2/15.6		9.3/11.4/13.6/15.8	
		Heating	Silent operation/ Low/Medium/High	m³/min	4.9/6.9/9.2/11.4		5.1/6.9/9.4/11.1		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		60.0			
	Heating			dBA	53				60		59.0		61.0	
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/41		19/29/45		27/33/46		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		31/34/46		33.0/36.0/45.0		34.0/37.0/46.0	
Control systems	Infrared remote control				ARC466A86									
Outdoor unit				RXM	CTXM15A	25A	35A	50A9	60A	71A				
Dimensions	Unit	HeightxWidthxDepth		mm	Multi combination only	610x923x367		734x954x401						
Weight	Unit			kg		36		49.0				55		
Sound power level	Cooling	Nom.		dBA		58		62		63	66			
	Heating	Nom.		dBA		58	60	62	60	71				
Sound pressure level	Cooling	Nom.		dBA		49.0	47.0	48.0		48.0				
	Heating	Nom.		dBA		49.0	47.0	48.0		48.0				
Operation range	Cooling	AmbientMin.~Max.		°CDB		-10~50		-10~50		-10~46				
	Heating	AmbientMin. - Max.		°CWB		-21~18		-21~18		-15~18				
Refrigerant	Type/GWP					Multi combination only	R-32/675.0							
Piping connections	Charge			kg/TCO2Eq			0.95/0.65		1.10/0.75		1.15/0.780			
	Liquid	OD		mm					6.4					
	Gas	OD		mm			9.50		12.7		15.9			
	Piping length	OU - IU System	Max. Chargeless	m			20		30					
Power supply	Additional refrigerant charge			kg/m			10							
	Level difference IU - OMax.			Hz/V			0.02 (for piping length exceeding 10m)							
	Phase/Frequency/Voltage			A			15		20.0					
	Current - 50Hz			Maximum fuse amps (MFA)			13		16					
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														

Multi split

Less is more!

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.

Less mounting space,
less visibility, less sound

- › **Save space:** drastically reduce the space required for placing a number of units on your facade
- › **Less visibility:** enjoy your nice ambience. Finding just one hiding place is much easier
- › **Less noise:** only one unit in operation is much quieter than two or more units

Lower power consumption,
high efficiency

- › **Less power consumption:** our big compressors can work more efficiently than various smaller ones with the same capacity in sum. Also save a significant proportion of energy thanks to standby mode

Easier installation, wiring,
piping and maintenance

- Save mounting equipment:** Wherever you want to place an outdoor unit, for every unit you will need a mounting for a secure fixing and problem-free operation
- › **Save time:** the physical installation, wiring, drain piping as well as the initial setup of only one system is much easier and faster

- › When using only one outdoor unit instead of two or more, the statistical probability of a **possible technical defect is reduced** with every unit that you do not need

More flexibility: connect up to
5 indoor units of any style

There are many possibilities in comfort you can profit from a multi split solution:

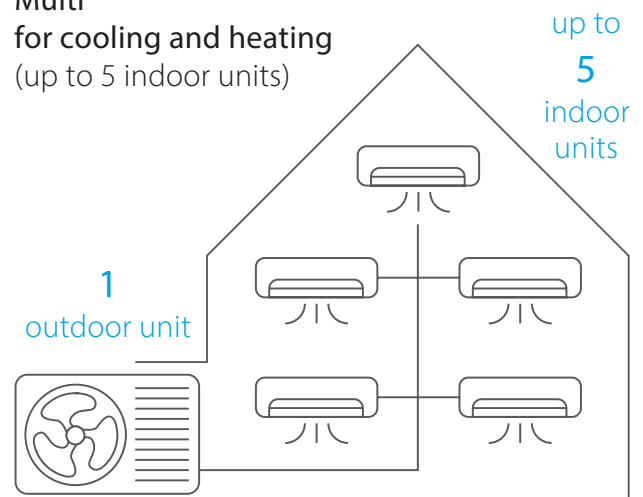
- › **Up to 5 indoor units** connectable to only one outdoor unit
- › Every single indoor unit can be **regulated separately**
- › Choose from a **greater variety** of connectable indoor unit

types out of our split and Sky Air series

- › Use low capacity indoor units specially **designed for small rooms** which can only be connected to a multi split system
- › Are you planning an **additional indoor unit later on?** Just decide now for an outdoor unit with higher capacity and simply connect it later

2 options

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



Visualise the Perfera unit
in your home
thanks to the 3D app

