

Air conditioners

Heating & Cooling

Wall mounted unit

- » SEER/SCOP : up to **A⁺**
- » User friendly remote controller
- » Anti-corrosion treated outdoor heat exchanger fin
- » Wide range, from 25 to 60 class



www.daikin.eu



FTXV-AB



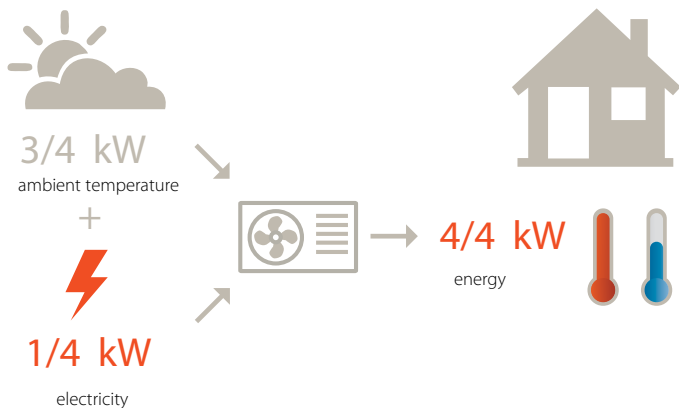
For every home, for every room

Daikin's wall mounted units are an ideal solution when refurbishing your room. They have a modern design and look and are extremely quiet in operation. They are energy efficient and create a very comfortable living room, kitchen or bedroom climate, day or night - the whole year round.

These wall mounted heat pumps are all-in-one heating and cooling solutions, meaning comfortably warm in winter and cool in summer.

The indoor unit can be used in pair application, with one indoor unit connected to one outdoor unit.

Combining highest efficiency and year-round comfort with a heat pump system



Did you know that ...

Air-to-air heat pumps obtain 75% of their output energy from a renewable source: the ambient air, which is both renewable and inexhaustible. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in SCOP (Seasonal Coefficient Of Performance) for heating and SEER (Seasonal Energy Efficiency Ratio) for cooling.

Inverter technology

Daikin's inverter technology is a true innovation in the field of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement - no more, no less! This technology provides you with two concrete benefits:

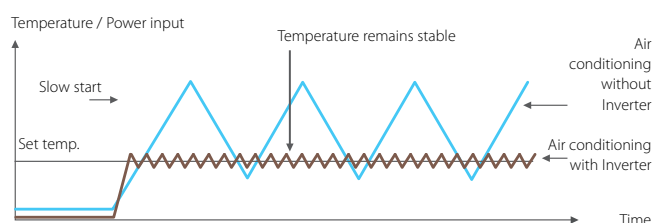
► Comfort

The inverter repays its investment many times over by improving comfort. An air conditioning system with an inverter continuously adjusts its cooling and heating output to suit the temperature in the room thus improving comfort levels. The inverter reduces system start-up time enabling the required room temperature to be reached more quickly. As soon as the correct temperature is reached, the inverter ensures that it is constantly maintained.

► Energy efficient

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on/off system! (non-inverter).

Heating operation:





► A comfortable feeling for every home and every room

Turbo mode: enables the room to be rapidly heated up or cooled down in a few minutes.

Dry programme: with the special dry programme, the humidity level in the room is reduced without temperature fluctuation.

Hot start: in heating, the fan starts running after a short time delay to enable the indoor heat exchanger to heat up first, this avoids cold draughts.

Timer: allows you to switch the air conditioning unit on or off after a specified time.

Fan only: the air conditioner can be used as a fan for blowing air without cooling or heating.



Vertical auto swing: by selecting the vertical auto swing, you can ensure an even distribution of air and an even room temperature.

Sleep mode: the sleep mode monitors and controls the room temperature to ensure a comfortable night's rest and a pleasant wake-up.

X-Fan: allows the fan to continue operating after having switched off the indoor unit, thus enabling the indoor unit to dry out and so avoid the growth of mold.

Anti-corrosion treated outdoor heat exchanger fin

Daikin outdoor units are equipped with an anti-corrosion treated heat exchanger (blue fin) which ensures greater resistance to the most severe weather conditions.

Europe's energy label: raising the bar on energy efficiency

To realise its challenging 20-20-20 environmental goals (20% reduction in CO₂ emissions, 20% share of renewable energy and a 20% reduction in the use of primary energy), Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements came into effect on 1 January 2013, and were revised. New, higher targets will be set in 2014.

Not only does the Eco-Design Directive systematically raise the minimum requirements with respect to environmental performance, the method used to measure this performance has also been changed to better reflect real-life conditions. The seasonal performance rating provides a much more accurate picture of actual expected energy efficiency over an entire heating or cooling season.

Completing the picture is an energy label for EU which allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the label includes not only the new seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels. It will allow end-users to make even better informed choices, since seasonal efficiency reflects air conditioner or heat pump efficiency over an entire season.



Heating & cooling

INDOOR UNIT			FTXV25AB	FTXV35AB	FTXV50AB	FTXV60AB	
Cooling capacity	Nom.	kW	2.65	3.4	5.2	6.25	
Heating capacity	Nom.	kW	2.80	3.84	5.65	6.75	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+				
		Pdesign	kW	2.65	3.40	5.20	6.25
		SEER			5.60		5.10
	Heating (Average climate)	Energy label	A				
		Pdesign	kW	2.80	3.20	4.50	5.80
		SCOP		3.80	3.92	3.80	
	Annual energy consumption	kWh	166	213	325	429	
Dimensions	Unit	HeightxWidthxDepth	mm		275x845x180	298x940x200	315x1,007x219
Weight	Unit		kg		9	12	14
Fan-Air flow rate	Cooling	High/Nom./Low/Silent operation	m ³ /min	10/8.3/6.7/5	9.7/8.3/6.7/5	14.2/13/10.8/9.2	16.7/13.3/11.7/9.2
Sound power level	Cooling	/	dBA	50	51	63	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	41/39/34/28	42/40/35/30	48/43/40/35	51/47/42/39
Piping connections	Liquid	OD	mm		6.35		
	Gas	OD	mm		9.52	12.70	15.9
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240		

OUTDOOR UNIT			RXV25AB	RXV35AB	RXV50AB	RXV60AB		
Dimensions	Unit	HeightxWidthxDepth	mm		540x776x320	700x955x396	790x980x427	
Weight	Unit		kg		28	29	45	60
Sound power level	Cooling		dBA		63			
Sound pressure level	Cooling	Nom.	dBA		51	53	56	58
Operation range	Cooling	Ambient	Min.~Max.	°CDB		18~43		
	Heating	Ambient	Min.~Max.	°CWB		-10~24		
Refrigerant	Type					R-410A		
	GWP					1,975		
Piping connections	Liquid	OD	mm		6.35			
	Gas	OD	mm		9.52	12.70	15.9	
	Piping length	OU - IU	Max.	m		15	25	
	Level difference	IU - OU	Max.	m		10		
Power supply	Phase / Frequency / Voltage		Hz / V		1~/50Hz/220-240			



Indoor unit FTXV-AB



Infrared remote control



Outdoor unit RXV-AB

Daikin has a worldwide reputation based on 90 years' experience in the successful manufacture of high quality air conditioning equipment for residential, commercial and industrial use and 56 years as a leader in heat pump technology.

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