![DAIKIN]

Air conditioners
Heating & Cooling

» **Energy label:**
  up to class A

» **Heat pump system**

» **Inverter technology**

» **As silent as**
  rustling leaves
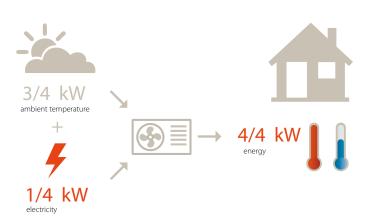

www.daikin.eu

INVERTER

FTX-JV/FTX-GV

Integrates perfectly in your home

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

Furthermore, the high-quality air conditioning equipment of Daikin not only offers the possibility of cooling, it can also provide warmth. That way you can adjust the indoor temperature perfectly to your own personal needs, the whole year through.

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

3/4 kW
ambient temperature

+

1/4 kW
electricity

4/4 kW
energy

Did you know that ...

Air conditioners, also known as heat pumps, obtain 75% of their output energy from renewable sources: 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 COP (Coefficient Of Performance) for heating and EER (Energy Efficiency Ratio) for cooling.

* EU objective COM (2008)/30

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:
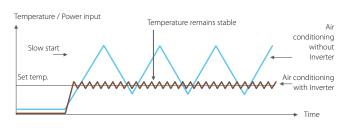
▶ **Comfort**

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:

Temperature / Power input

Temperature remains stable

Air conditioning without Inverter

Slow start

Set temp.

Air conditioning with Inverter

Time

▶ Combining a comfortable feeling and energy saving solutions

When selecting the energy saving function **ECONO mode** the power consumption decreases so that other appliances that need large power consumption can be used. (for classes 20,25,35).

Energy saving during standby operation: current consumption is reduced by about 80% when operating on standby. (for classes 20,25,35).

Night set mode: ensuring a good night sleep and saving energy, by preventing overheating or overcooling during night time.

The **comfort mode** guarantees draught-free operation. In heating mode, the warm air is directed to the floor. In cooling mode, the cold air is directed to the ceiling (for classes 20,25,35).
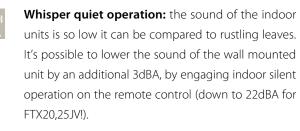
Vertical auto swing: this unit supports the selection of vertical auto swing, which ensures the even distribution of air and a homogeneous room temperature.

Infrared remote control (Standard) ARC433B70

▶ Built-in intelligence

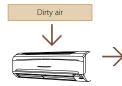Rapidly heat up or cool down the room in 20 minutes with **powerful operation**. After this period, the unit returns to its original setting.

Whisper quiet operation: the sound of the indoor units is so low it can be compared to rustling leaves. It's possible to lower the sound of the wall mounted unit by an additional 3dBA, by engaging indoor silent operation on the remote control (down to 22dBA for FTX20,25JV!).

▶ A source of pure air

Dust and odours are trapped by the titanium apatite photocatalytic **air purification filter**, to provide you cleaner air.

Dirty air

Air filter: catches dust

Titanium apatite photocatalytic air purification filter: traps microscopic particles, decomposes odours and even deactivates bacteria and viruses.

Clean air

Heating & Cooling

INDOOR UNIT				FTX20JV	FTX25JV	FTX35JV	FTX50GV	FTX60GV	FTX71GV
Cooling capacity	min./nom./max.		kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8	1.7/5.0/6.0	1.7/6.0/6.7	2.3/7.1/8.5
Heating capacity	min./nom./max.		kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8	1.7/5.8/7.7	1.7/7.0/8.0	2.3/8.2/10.2
Power input	cooling	min./nom./max.	kW	-/0.55/-	-/0.73/-	-/0.98/-	0.44/1.55/2.08	0.44/1.99/2.40	0.57/2.35/3.20
	heating	min./nom./max.	kW	-/0.59/-	-/0.69/-	-/0.93/-	0.40/1.60/2.53	0.40/2.04/2.81	0.52/2.55/3.82
EER/COP				3.64 / 4.24	3.42 / 4.06	3.37 / 3.76	3.23 / 3.63	3.02 / 3.43	3.02 / 3.22
Annual energy consumption			kWh	275	365	490	775	995	1,175
Energy label	cooling/heating			A/A				B/B	B/C
Casing	colour			White					
Dimensions	unit	heightxwidthxdepth	mm	283x770x198			290x1,050x238		
Weight	unit		kg	7			12		
Fan - Air flow rate	cooling	high/nom./low/silent operation	m³/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9	14.7/12.4/10.3/9.5	16.2/13.6/11.4/10.2	17.4/14.6/11.6/10.6
	heating	high/nom./low/silent operation	m³/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7	16.1/13.9/11.5/10.2	17.4/15.1/12.7/11.4	19.7/16.9/14.3/12.7
Sound power level	cooling	high	dBA	55	56	57	59	61	62
	heating	high	dBA	55	56	57	58	60	62
Sound pressure level	cooling	high/nom./low/silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23	43/39/34/31	45/41/36/33	46/42/37/34
	heating	high/nom./low/silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26	42/38/33/30	44/40/35/32	46/42/37/34
Refrigerant	type			R-410A					
Piping connections	liquid/gas/drain	OD	mm	6.35/9.52/18.0			6.35/12.7/18.0		6.35/15.9/18.0
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 220-240					

OUTDOOR UNIT				RX20JV	RX25JV	RX35JV	RX50GV	RX60GV	RX71GV
Dimensions	unit	heightxwidthxdepth	mm	550x658x275		30	735x825x300		770x900x320
Weight	unit		kg	28		30	48		71
Fan - Air flow rate	cooling	high/nom./low	m³/min	29.2/-/-		27.6/-/-	48.9/-/41.7	50.9/-/42.4	54.5/-/46.0
	heating	high/nom./low	m³/min	26.2/-/-		24.5/-/-	45.0/-/41.7	46.3/-/42.4	46.0/-/46.0
Sound power level	cooling	nom.	dBA	60		62	61	63	66
Sound pressure level	cooling	high/low	dBA	46/-		48/-	47/44	49/46	52/49
	heating	high/low	dBA	47/-		48/-	48/45	49/46	52/49
Operation range	cooling	ambient min.~max.	°CDB	10~46			-10~46		
	heating	ambient min.~max.	°CWB	-15~20			-15~18		
Refrigerant	type			R-410A					
Piping connections	level difference	IU - OU max.	m	12			20		
	total piping length	system actual	m	-					
Power supply	phase / frequency / voltage		Hz / V	1~ / 50 / 220-240					

Indoor unit
FTX20,25,35JV

Infrared remote control
ARC433B70

Outdoor unit
RX71GV

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

CE

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

FSC

ECPEN12-007

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