



Air Conditioners

Heating & Cooling

Siesta

Wall Mounted Unit

- » Energy label:
up to class A
- » Heat pump system
- » Inverter technology
- » Movement sensor
- » As silent
as rustling leaves



www.daikin.eu



ATX-JV

INVERTER



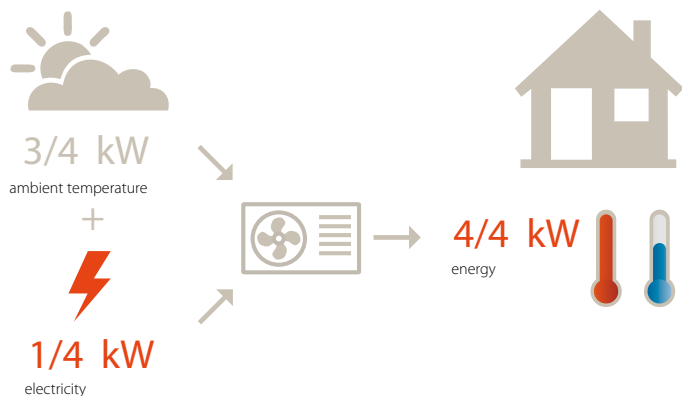
Integrates perfectly in your home

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



Did you know that ...

Air to air heat pumps use 3/4th of energy from renewable sources: the ambient air. This energy source is renewable and inexhaustible*. Of course, heat pumps also use 1/4th of 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. ATX20JV units achieve a COP of up to 4.24!

* EU objective COM (2008)/30

Inverter technology

The inverter technology, developed by Daikin is a true innovation in the area 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:

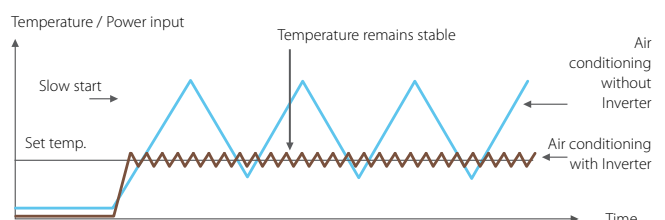
► Comfort

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. The inverter shortens system start-up time enabling the required room temperature to be reached more quickly. As soon as that 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:



► 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.



Energy saving during standby operation: if the room is empty for 20 minutes, the system will automatically decrease the set temperature by ± 2 degrees to reduce energy consumption in empty rooms.



Saving energy by preventing overheating or overcooling during night time by using the **night set mode**.



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.



Vertical auto swing: this unit supports the selection of vertical auto swing, which ensures the even distribution of air and a homogeneous room temperature.

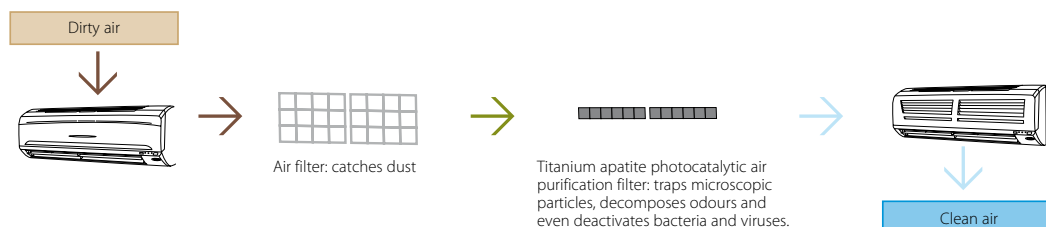


Infrared remote control (Standard)
ARC433B70



► A source of pure air

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



► 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 ATX20,25JV!).

Heating & Cooling

INDOOR UNITS				ATX20JV	ATX25JV	ATX35JV
Capacity	cooling	min~nom~max	kW	1.3 / 2.0 ⁴ / 2.6	1.3 / 2.5 ⁴ / 3.0	1.3 / 3.3 ⁴ / 3.8
	heating	min~nom~max	kW	1.3 / 2.5 ⁵ / 3.5	1.3 / 2.8 ⁵ / 4.0	1.3 / 3.5 ⁵ / 4.8
Power input	cooling	min~nom~max	kW	0.31 / 0.55 / 0.72	0.31 / 0.73 / 1.05	0.29 / 0.98 / 1.30
	heating	min~nom~max	kW	0.25 / 0.59 / 0.95	0.25 / 0.69 / 1.11	0.29 / 0.93 / 1.29
EER	cooling			3.64	3.42	3.37
COP	heating			4.24	4.06	3.76
Energy label	cooling			A		
	heating			A		
Annual energy consumption	cooling		kWh	275	365	490
Dimensions	height x width x depth		mm	283x770x198		
Weight				7		
Front panel colour				White		
Air flow rate	cooling	H/M/L/SL	m ³ /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
	heating	H/M/L/SL	m ³ /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
Sound pressure level	cooling	H/M/L/SL	dBA	39 / 33 / 25 / 22	40 / 33 / 26 / 22	41 / 34 / 27 / 23
	heating	H/M/L/SL	dBA	39 / 34 / 28 / 25	40 / 34 / 28 / 25	41 / 35 / 29 / 26
Sound power level	cooling			55	56	57
	heating			55	56	57
Power supply				1~/220-240V/50Hz		
Remote control	infrared			ARC433A87		

OUTDOOR UNITS				ARX20JV	ARX25JV	ARX71GV
Dimensions	height x width x depth		mm	550x658x275		770x900x320
Weight				28		71
Compressor				Hermetically sealed swing		
Sound power	cooling			60		
	heating			61		
Refrigerant				R-410A		
Additional refrigerant charge				0.02 (for piping lenght exceeding 10m)		
Operation range	cooling	min~max	°CDB	10~46		
	heating	min~max	°CWB	-15~20		
Piping connections	liquid		mm	ø 6.35		
	gas		mm	ø 9.52		ø 15.9
	drain		ID mm	ø 18.0		
Sound pressure	cooling	H/L	dBA	46/-	46/-	52/49
	heating	H/L	dBA	47/-	47/-	52/49
Maximum piping length				15		
Maximum level difference				12		
Power supply				1~/220-240V/50Hz		

Notes: 1) Energy label: scale from A (most efficient) to G (less efficient) - 2) Annual energy consumption: based on average use of 500 running hours per year at full load (= nominal conditions). 3) V1 = 1~230V/50Hz. - 4) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB/24°CWB • refrigerant piping length 5m - 5) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 5m • level difference 0m. - 6) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat - 7) Units should be selected on nominal capacity. Max. capacity is limited to peak periods - 8) The sound pressure level is measured via a microphone at a certain distance from the unit (for measuring conditions: please refer to the technical databooks) - 9) The sound power is an absolute value indicating the "power" which a sound source generates.



Indoor unit
ATX20,25,35JV



Infrared remote control
ARC433B70



Outdoor unit
ARX20,25,35JV



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.



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