

Air conditioners

# Heating & Cooling

*Siesta*

- » Up to three indoor units on one outdoor unit
- » Individual control per room
- » Combination of different indoor models

Multi model application



[www.daikin.eu](http://www.daikin.eu)



AMX-G / E



ATXS-K



ATX-JV

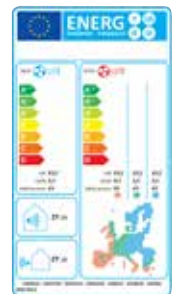


## Europe's energy label: raising the bar on energy efficiency

To realise its challenging 20-20-20 environmental goals (20% reduction in CO<sub>2</sub> 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.

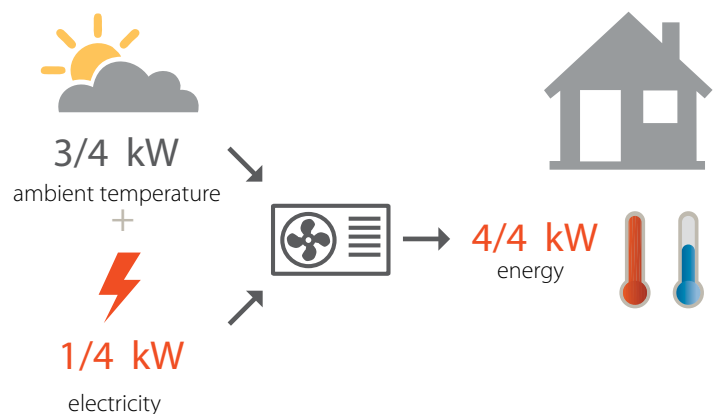
Completing the picture is an energy label for EU which allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The new label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least 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.



## 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.





Multi inverter controlled outdoor units can operate up to three indoor units

## The Benefits of a Multi system

### › Air conditioning in every room

A Multi system allows up to three indoor units to operate from a single outdoor unit, thereby reducing installation space and costs. All indoor units can be individually controlled and do not need to be installed in the same room or at the same time.

### › The widest choice

Wall mounted indoor units in different capacities can be mixed together in multi system applications. Thus the ideal indoor unit can be selected for your bedroom, living room, office or wherever, according to the installation surface or personal requirements.

### › An ideal indoor climate

A single outdoor unit can heat up or cool down a complete house, office or small shop at different times. A pleasant climate can be enjoyed whilst working at the desk in the afternoon, as well as a constant temperature in the living room and cool bedrooms in the evening.



**Online controller:** to monitor or control your heat pump system from anywhere via app or internet. (only for ATXS-K series )

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	ATXS-K				ATX-JV		
	20	25	35	50	20	25	35
2AMX40G3V1B	●	●	●		●	●	●
2AMX50G3V1B	●	●	●	●	●	●	●
3AMX52E4V1B	●	●	●	●			

OUTDOOR UNIT	INDOOR UNIT	COOLING MODE				HEATING MODE			
		Energy efficiency class	Design load PDesign kW	SEER	Annual energy consumption kWh/a	Energy efficiency class	Design load Pdesign kW	SCOP	Annual energy consumption kWh/a
2AMX40G3V1B	ATXS20K2V1B, ATXS20K2V1B	A++	4.0	6.38	220	A+	2.99	4.15	1009
2AMX50G3V1B	ATXS25K2V1B, ATXS25K2V1B	A++	5.0	6.39	274	A+	4.25	4.10	1452
3AMX52E4V1B	ATXS25K2V1B, ATXS25K2V1B	A++	5.0	6.71	261	A+	4.84	4.18	1622

For seasonal data in combination with other indoor units, please consult [www.daikin-europe.com/energylabel](http://www.daikin-europe.com/energylabel)

CONNECTABLE OUTDOOR UNITS					2AMX40G		2AMX50G		3AMX52E	
Dimensions	Unit	HeightxWidthxDepth	mm		550x765x285				735x936x300	
Weight	Unit			kg	38		42		49	
Fan - Air flow rate	Cooling	High/Nom./Low	m <sup>3</sup> /min		36/33/30		37/34/34		45/45/45	
	Heating	High/Nom./Low	m <sup>3</sup> /min		32/32/32		34/34/34		45/-/41	
Sound power level	Cooling	/	dBA		62		63		59	
Sound pressure level	Cooling	Nom.	dBA		47		48		46	
	Heating	Nom.	dBA		48		50		47	
Operation range	Cooling	Ambient	Min.-Max.	°CDB	10~46				-10~46	
	Heating	Ambient	Min.-Max.	°CWB					-15~18	
Refrigerant	Type/GWP				R-410A/1,975					
Piping connections	Piping length	OU - IU	Max.	m	20				25	
	Level difference	IU - OU	Max.	m					15	
		IU - IU	Max.	m					7.5	
Power supply	Phase / Frequency / Voltage		Hz / V		1~ / 50 / 220-240				1~ / 50 / 230	

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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