



AIR CONDITIONERS, HEATING & COOLING

for your home

WALL MOUNTED UNIT

air to air heat pumps



www.daikin.eu

ATXS-E



Siesta

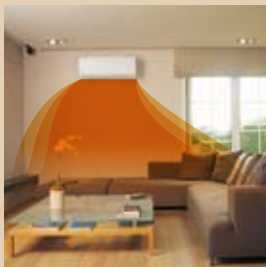




Daikin's stylishly elegant wall mounted 'Siesta'® unit will grace the dining, living or bedroom of any home. Siesta® will supply a barely perceptible stream of deliciously cool fresh air in summer and hearth like warmth and comfort in winter.

COMFORT

- › The **vertical auto swing** automatically moves the flaps up and down to ensure an even distribution of air throughout the room.
- › You have the choice of **5 fan speeds** to select: from high to super low.
- › Daikin's special **dry programme** reduces humidity in the room without variations in room temperature.
- › The comfort **mode function** ensures draught-free operation. During cooling operation the flap angle turns horizontally to prevent cold air blowing directly on to you. During heating operation it turns downward vertically to send the warm air direct to your feet.



HEATING
MODE



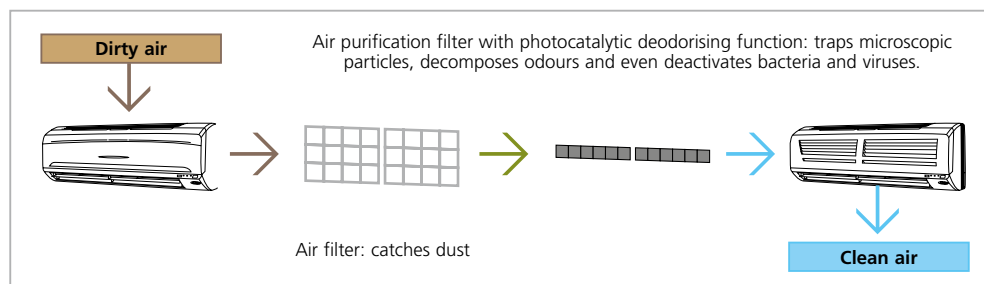
COOLING
MODE



- › The **powerful operation function** boosts the air flow to a maximum volume for a 20-minute period, (e.g. when you come home on a hot day, rapid cooling is required). After this, the unit returns automatically to its previous settings.
- › The **night set mode** is automatically selected by pushing the 'off' timer button. This function prevents any sudden change in room temperature by gently raising/lowering the temperature before the air conditioner stops, so you can sleep more comfortably.
- › The **indoor/outdoor unit silent operation** function increases comfort by automatically lowering the operating sound of both the indoor and outdoor unit by 3dB(A).

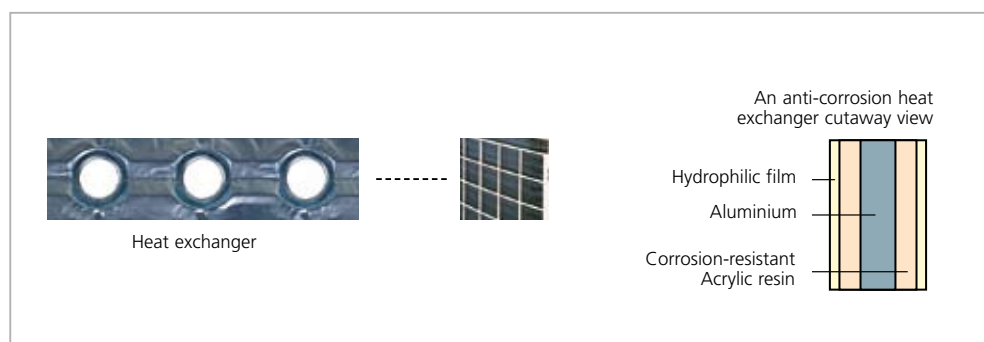
FILTER

- › This wall mounted unit is equipped with a **titanium apatite photocatalytic air purification filter**. Micron scale fibres in this filter trap dust while the titanium apatite absorbs organic contaminants such as bacteria and viruses. In addition, the titanium oxide is activated by natural light, allowing it to break down and eliminate odours. The filter lasts for 3 years without replacement if washed about every 6 months.



FLEXIBLE INSTALLATION AND EASY TO USE AND MAINTAIN

- › The outdoor unit can be installed on a roof or terrace or placed against an outside wall.
- › Daikin remote controls give you **easy control at your fingertips**.
- › Malfunction codes are shown on the digital display panel of the infrared remote control for **fast and easy maintenance**.
- › Special anti-corrosion treatment of the outdoor unit's heat exchanger fin, gives **great resistance against acid rain and salt corrosion**. Additional resistance is provided by a rust proof steel sheet on the underside of the unit.





ENERGY EFFICIENT

- › **A** **Energy label:** up to class A.
- › The E series is equipped with this **ECONO mode**. This mode reduces the maximum operating current and power consumption by approximately 30% during start up. It is particularly convenient for energy saving conscious individuals, those who use other electrical devices at the same time as the air conditioner and also those who use multiple air conditioners. This mode is easily activated from the infrared remote control by pushing the ECONO button.
- › 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:

1. Comfort

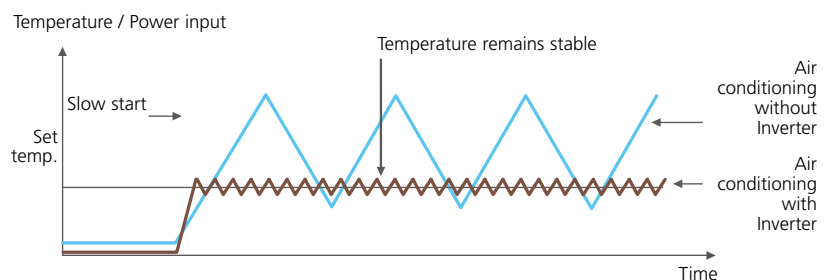
The inverter repays its investment many times over by improving comfort. An air conditioning system with an inverter continuously adjusts its cooling and heating output to suit the temperature in the room. The inverter shortens system start-up time enabling the required room temperature to be reached more quickly.

As soon as that temperature is reached, the inverter ensures that it is constantly maintained.

2. Energy efficient

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

Heating operation:



- › The **movement sensor** detects whether anyone is in the room. When the room is empty, the unit switches to economy mode and restarts when a person enters the room.

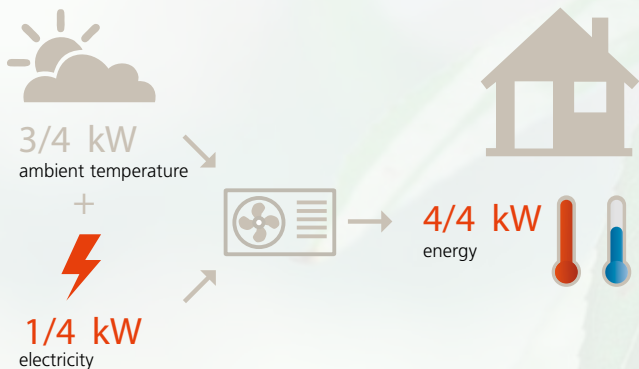
APPLICATION OPTIONS

- › This model can be used for heating and cooling (heat pump).
- › It is possible to use the indoor unit in one room (connecting one indoor to one outdoor) and multiple rooms (connecting up to 3 units in several rooms to 1 outdoor unit).

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 transform the ambient air into comfort heat, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass).

* EU objective COM (2008)/30



CAPACITY AND POWER INPUT

HEATING & COOLING				ATXS25E		ATXS35E		ATXS50E	
				ARXS25F		ARXS35F		ARXS50E	
Cooling capacity	min~nom~max	kW	1.2~2.5~3.0	1.2~3.4~3.8	2.0~5.0~5.2				
Heating capacity	min~nom~max	kW	1.2~3.4~4.5	1.2~4.0~5.0	2.0~5.8~6.0				
Nominal input	cooling	nominal	0.30~0.60~0.80	0.30~1.00~1.22	0.50~1.65~1.82				
	heating	nominal	0.29~0.83~1.34	0.29~1.08~1.55	0.52~2.06~2.19				
EER			4.17	3.40	3.03				
COP			4.10	3.70	2.82				
Energy label	cooling		A	A	B				
	heating		A	A	D				
Annual energy consumption	cooling	kWh	300	500	830				

Note:

- 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)

POSSIBLE COMBINATIONS		2AMX40G* (1)	2AMX50G* (2)	3AMX52E* (3)
Max. n° of indoor units		2	2	3
Heating & cooling	ATXS25E	•	•	•
	ATXS35E	•	•	•
	ATXS50E		•	•
Max. cooling capacity	kW	4.50	5.40	7.30
Max. heating capacity	kW	4.70	6.30	8.30
Max. Pl cooling	kW	1.35	1.73	2.25
Max. Pl heating	kW	1.18	1.68	2.51

Notes:

- 1 For more detailed information, please consult our multi model/combination tables catalogue or your local dealer
- 2 (1) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D,E (20,25,35 class) series
- (2) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D,E (20,25,35,50 class) series
- (3) The indicated cooling, heating capacities and power input are indicative and are those connected to wall mounted D (20,25,35 class)/E (50 class) series
- 3 N/A means not applicable since this unit is a cooling only unit
- 4 * At least two indoor units should be connected to these multi outdoor units

Height	283 mm
Width	800 mm
Depth	195 mm



SPECIFICATIONS INDOOR UNITS

HEATING & COOLING				ATXS25E	ATXS35E	ATXS50E
Dimensions	HxWxD	mm	283x800x195			
Weight		kg	9			
Colour	White					
Air flow rate	cooling	H/L/SL	dB(A)	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2
	heating	H/L/SL	dB(A)	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7.4/6.3
Fan speed	5 steps, silent and auto					
Sound pressure level	cooling	H/L/SL	dB(A)	38/25/22	39/26/23	46/35/32
	heating	H/L/SL	dB(A)	38/28/25	39/29/26	46/34/31
Sound power level	cooling	H	dB(A)	56	57	62
Piping connections	liquid		mm	ø6.4		
	gas		mm	ø9.5		
	drain		mm	ø18		
Heat insulation	Both liquid and gas pipes					

Height	550 mm
Width	765 mm
Depth	285 mm



SPECIFICATIONS OUTDOOR UNITS

HEATING & COOLING				ARXS25F	ARXS35F	ARXS50E
Dimensions	HxWxD	mm	550x765x285			735x825x300
Weight		kg	32	32	53	
Casing colour	Ivory White					
Sound pressure level	cooling	H/L	dB(A)	46/43	47/44	47/44
	heating	H/L	dB(A)	47/44	48/45	48/45
Sound power level	cooling	H	dB(A)	61	62	61
Compressor	type					Hermetically sealed swing
Refrigerant type						R-410A
Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
Maximum piping length		m	20	20	30	
Maximum height difference		m	15	15	20	
Operation range	cooling	from ~ to	°CDB	-10~46	-10~46	-10~46
	heating	from ~ to	°CWB	-15~20	-15~20	-15~18

Note:

1) V1 = 1~, 220~240V, 50Hz.

2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 7.5m • level difference 0m.

3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 7.5m • level difference 0m.

4) Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

5) Units should be selected on nominal capacity. Max. capacity is limited to peak periods.

6) 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).

7) The sound power is an absolute value indicating the "power" which a sound source generates.

DAIKIN, SOMETHING FOR EVERYONE:

- › Stylish, flat design panels
- › Air purification filter
- › Efficient
- › Whisper-quiet operation and night quiet mode
- › Energy saving thanks to inverter technology
- › Flexible installation
- › Simple to use and maintain

ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		ATXS25E	ATXS35E	ATXS50E
Wiring adapter for time clock/	normal open contact		KRP413A1S	
Remote control (1)	normal open pulse contact		KRP413A1S	
Centralised control board	up to 5 rooms (2)		KRC72	
Central remote control			DCS302C51	
Unified ON/OFF control			DCS301B51	
Schedule timer			DST301B51	
Interface adapter (3)			KRP928A2S	

(1) Wiring adapter is supplied by Daikin. Timer and other devices: field supply.

(2) Wiring adapter is also required for each indoor unit.

(3) For DIII-NET adapter

ACCESSORIES: INDOOR UNITS

INDOOR UNITS	ATXS25E	ATXS35E	ATXS50E
Air purification filter with photocatalytic deodorising function (with frame)	KAF918A44		-
Air purification filter with photocatalytic deodorising function (without frame)	KAF918A44		KAF952A42
Anti-theft protection for remote control		KKF917AA4	

ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	ARXS25,35F	ARXS50E
Air direction adjustment grille		KPW937A4





In all of us,
a green heart



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.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

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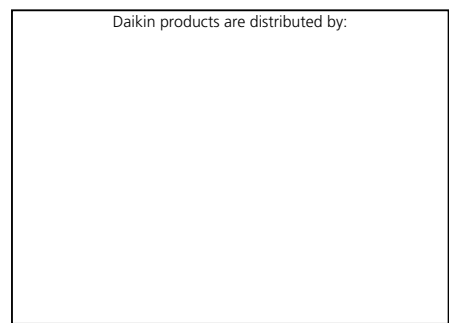
Daikin units comply with the European regulations that guarantee the safety of the product.



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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