

# Cooling only

INDOOR UNITS				FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G	FTXS60G	FTXS71G	
Capacity	cooling	min~nom~max	kW	1.3~2.0~2.8	1.3~2.5~3.2	1.4~3.5~4.0	1.7~4.2~5.0	1.7~5.0~5.3	1.7~6.0~6.7	2.3~7.1~8.5	
Power input	cooling	min~nom~max	kW	0.320~0.470~0.910	0.320~0.550~0.810	0.350~0.870~1.190	0.440~1.220~2.230	0.440~1.520~1.810	0.440~1.990~2.400	0.570~2.350~3.200	
EER	cooling			4.26	4.55	4.02	3.44	3.29		3.02	
Energy label	cooling			A						B	
Annual energy consumption	cooling		kWh	235	275	435	610	760	995	1,175	
Dimensions	Height x Width x Depth		mm	295x800x215						290x1,050x250	
Weight			kg	9						12	
Front panel colour				White							
Air flow rate	cooling	H/M/L/SL	m <sup>3</sup> /min	9.4/7.4/5.5/4.0	9.1/7.1/5.2/3.7	10.4/7.7/4.8/3.5	9.1/7.7/6.3/5.4	10.2/8.6/7.0/6.0	16.0/13.8/11.3/10.1	17.2/14.5/11.5/10.5	
Sound pressure level	cooling	H/M/L/SL	dB(A)	38/32/25/22		42/34/26/23	42/38/33/30	43/39/34/31	45/41/36/33	46/42/37/34	
Sound power level	cooling		dB(A)	54		58	59	61	62		
Power supply				1~/220-240V/50Hz							
Remote control	infrared			ARC452A3							

OUTDOOR UNITS				RKS20G	RKS25G	RKS35G	RKS42G	RKS50G	RKS60F	RKS71F	
Dimensions	Height x Width x Depth		mm	550x765x285						735x825x300	
Weight			kg	32	34	39	47	47	71	71	
Operation range	cooling	min~max	°CDB	-10~46							
Sound power	cooling	H	dB(A)	61		63	62	63	66	66	
Sound pressure	cooling	H/SL	dB(A)	46/43		48/44	49/46	52/49			
Compressor			type	Hermetically sealed swing							
Refrigerant			type	R-410A							
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)							
Piping connections	liquid		mm	ø 6.35							
	gas		mm	ø 9.52		ø 12.7		ø 15.9			
	drain		ID mm	ø 18.0							
Maximum piping length			m	20						30	
Maximum level difference			m	15						20	
Power supply				1~/220-240V/50Hz							

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) - 3) V1 = 1~/220-240V/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) Capacities are net, including a deduction for cooling for indoor fan motor heat - 6) Units should be selected on nominal capacity. Max. capacity is limited to peak periods - 7) 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) - 8) The sound power is an absolute value indicating the "power" which a sound source generates.



Indoor unit  
FTXS20,25,35,42,50G



Infrared remote control  
ARC452A3



Outdoor unit  
RKS20,25,35,42G





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.



Daikin products are distributed by:



Air Conditioners

# Heating & Cooling

Wall Mounted Unit

- » Energy label:  
Up to class A
- » Heat pump system
- » Inverter technology
- » 2-area intelligent eye
- » Draught-free  
operation
- » Multi application  
possible
- » As silent as  
rustling leaves



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



FTXS-G





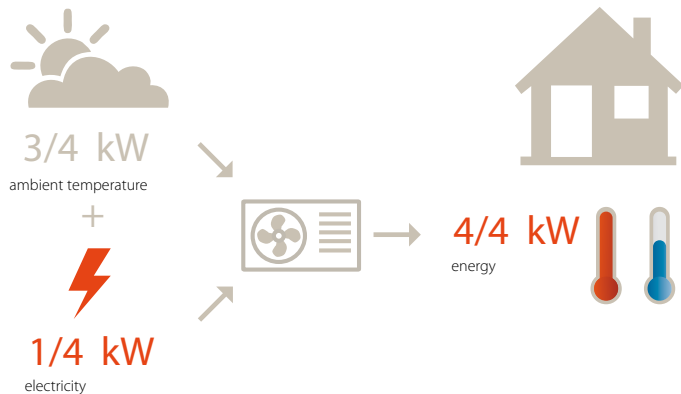
## For every home, for every room

Daikin's wall mounted units are an ideal solution when refurbishing your room. They have a modern design and look, 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, or in multi application, with up to nine indoor units in different rooms 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. FTXS25G units achieve a COP of up to 4.53!

\* 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:

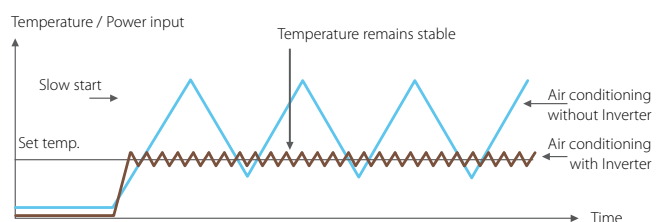
### ► Comfort

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:



## ► Ultra-efficient home heating comfort



When selecting the energy saving function **ECONO mode** the power consumption decreases so that other appliances that need large power consumption can be used.



No air current any more, as the air flow is directed away from the occupant. If the **2-area intelligent eye** detects people in the room, the air flow is directed to a zone other than where the persons are located at that moment. If no people are detected, the unit switches to its energy-efficient setting (classes 20~50).



The **movement sensor** detects whether someone is in the room. If the room is empty, the unit switches to economy mode after 20 minutes, and restarts when someone enters the room (classes 60, 71).



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



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



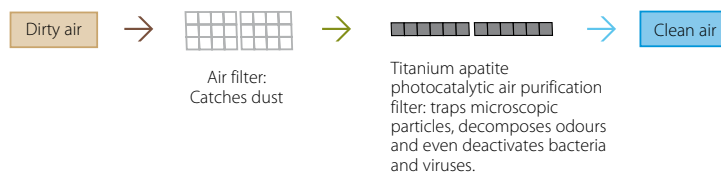
The **comfort mode** guarantees draught-free operation in heating mode, the warm air is directed at the floor. In cooling mode, the cold air is directed to the ceiling.



**3D air distribution:** combination of vertical and horizontal auto-swing to circulate the air evenly in even large rooms or in corners.

## ► A source of pure air

Dust and odours are trapped by the **titanium apatite photocatalytic air purification filter** but also bacteria and viruses are decomposed in order to provide you cleaner air.



Infrared remote control (Standard) ARC452A1



## ► Built-in intelligence

The infrared remote control is user-friendly and equipped with a weekly timer. The timer allows you to programme a 7-day schedule with 4 different actions per day.



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 (down to 22dBA for FTXS20,25G).



Engaging **night quiet mode** (multi application only) and silent operation together will cause both the indoor (silent operation) and outdoor unit (night quiet mode) to lower their sound levels by 3dBA.



# Heating & Cooling

INDOOR UNITS				FTXS20G	FTXS25G	FTXS35G	FTXS42G	FTXS50G	FTXS60G	FTXS71G	
Capacity	cooling	min~nom~max	kW	1.3~2.0~2.8	1.3~2.5~3.2	1.4~3.5~4.0	1.7~4.2~5.0	1.7~5.0~5.3	1.7~6.0~6.7	2.3~7.1~8.5	
	heating	min~nom~max	kW	1.3~2.7~4.3	1.3~3.4~4.7	1.4~4.0~5.2	1.7~5.4~6.0	1.7~5.8~6.5	1.7~7.0~8.0	2.3~8.2~10.2	
Power input	cooling	min~nom~max	kW	0.32~0.47~0.91	0.32~0.55~0.81	0.35~0.87~1.19	0.44~1.22~2.23	0.44~1.52~1.81	0.44~1.99~2.40	0.57~2.35~3.20	
	heating	min~nom~max	kW	0.31~0.63~1.36	0.31~0.75~1.29	0.34~0.96~1.46	0.40~1.47~1.98	0.40~1.57~2.00	0.40~2.04~2.81	0.52~2.55~3.82	
EER	cooling			4.26	4.55	4.02	3.44	3.29		3.02	
COP	heating			4.29	4.53	4.17	3.67	3.69	3.43	3.22	
Energy label	cooling			A						B	
	heating			A						B	C
Annual energy consumption	cooling		kWh	235	275	435	610	760	995	1,175	
Dimensions	Height x Width x Depth		mm	295x800x215						290x1,050x250	
Weight			kg	9			10		12		
Front panel colour	White										
Air flow rate	cooling	H/M/L/SL	m³/min	9.4/7.4/5.5/4.0	9.1/7.1/5.2/3.7	10.4/7.7/4.8/3.5	9.1/7.7/6.3/5.4	10.2/8.6/7.0/6.0	16.0/13.8/11.3/10.1	17.2/14.5/11.5/10.5	
	heating	H/M/L/SL	m³/min	9.9/8.2/6.5/5.5	9.8/7.9/6.2/5.2	10.6/8.5/6.4/5.4	11.2/9.4/7.7/6.8	11.0/9.3/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6	
Sound pressure level	cooling	H/M/L/SL	dB(A)	38/32/25/22		42/34/26/23	42/38/33/30	43/39/34/31	45/41/36/33	46/42/37/34	
	heating	H/M/L/SL	dB(A)	38/33/28/25		39/34/28/25	42/36/29/26	42/38/33/30	44/39/34/31	44/40/35/32	46/42/37/34
Sound power level	cooling		dB(A)	54			58		59	61	62
	heating		dB(A)	54	55	58		60			62
Power supply	1~/220-240V/50Hz										
Remote control	infrared ARC452A3										

OUTDOOR UNITS				RXS20G	RXS25G	RXS35G	RXS42G	RXS50G	RXS60F	RXS71F	
Dimensions	Height x Width x Depth		mm	550x765x285				735x825x300		770x900x320	
Weight			kg	32	34		39	48		71	
Operation range	cooling	min~max	°CDB	-10~46							
	heating	min~max	°CWB	-15~20				-15~18		-15~20	
Sound power	cooling	H	dB(A)	61		63		62	63	66	
	heating	H	dB(A)	62		63		62	63	66	
Sound pressure	cooling	H/SL	dB(A)	46/43		48/44		49/46		52/49	
	heating	H/SL	dB(A)	47/44		48/45		49/46		52/49	
Compressor	type Hermetically sealed swing										
Refrigerant	type R-410A										
Additional refrigerant charge	kg/m 0.02 (for piping length exceeding 10m)										
Piping connections	liquid		mm	ø 6.35							
	gas		mm	ø 9.52						ø12.7	ø15.9
	drain		ID mm	ø 18							
Maximum piping length			m	20				30			
Maximum level difference			m	15				20			
Power supply	1~/220-240V/50Hz										

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) - 3) V1 = 1~/220-240V/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°CWB/6°CWB - refrigerant piping length 5m - 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.



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