



Designed for colder climates



SEASONAL EFFICIENCY
Smart use of energy



AIR TO AIR HEAT PUMPS



FTXS-20-25K



FTXS35-42-50K



- ✓ Optimised heating solutions down to -25°C outdoor temperatures
- ✓ Prestigious design
- ✓ Prevents winter freezing in summer homes
- ✓ Whisper quiet
- ✓ Energy efficient



Main features

✓ Especially designed for colder climates

Heating solutions down to -25°C outdoor temperatures using dedicated technical innovations optimised for Nordic climate needs.

✓ Prestigious design

Our units combine ultimate performance with award-winning design that perfectly fits into any space.

✓ Wide range available

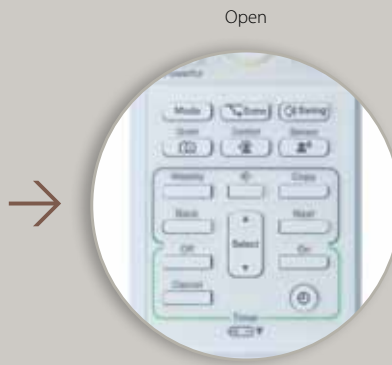
Daikin offers an optimised solution for every environment whether a cosy room in the home, a light commercial space such as a small shop or even a reception corner. Our market-leading range of systems have heating capacities ranging from 2.5 to 8.1 kW and are all available with a choice of floor standing units, wall mounted units, cassettes, concealed ceiling units or ducts.



✓ Preventing winter freezing in your summer home

It is possible to set the system to switch on when interior temperatures drop below 10°C , thus avoiding frozen pipes, and so provide winter protection for unoccupied summer homes, garages and basements. By maintaining this temperature, the system reduces the cost of over-winter heating.

Infrared remote control (Standard) ARC466A1



► 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 (FTXS35,42,50K).

The **1-area intelligent eye** 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 (CTXS15,35K and FTXS20,25K).



Energy saving during operation standby: current consumption is reduced by about 80% when operating on standby (Classes 20, 25, 35 ,42).



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 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 (FTXS35,42,50K).

► Built-in intelligence

The infrared remote control is user-friendly and equipped with **energy saving functions** such as 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 that low that it can hardly be heard: FTXS/CTXS-K series go down to only **19dBA!**



By pushing the **indoor unit silent operation**, the indoor units will lower their noise emissions by another 3dBA!



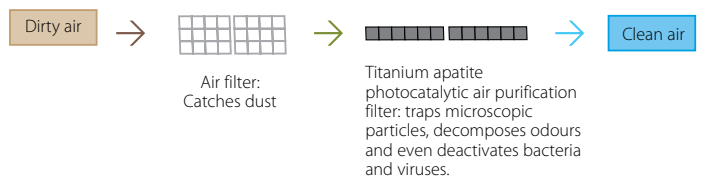
To ensure a quiet environment of the neighbourhood, the operation sound of the outdoor unit can be lowered by 3dBA.



Always in control, no matter where you are. Possibility to control your indoor unit from **any location** via app or internet. (FTXS35,42,50,60,71)

► 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.



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

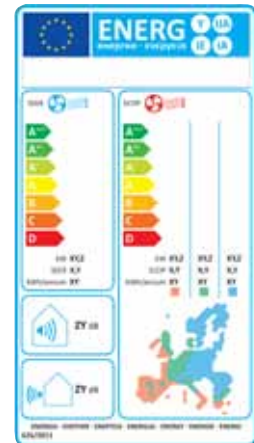
To realise its challenging 20-20-20 environmental goals, Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements come into effect on 1 January 2013, and will be revised upward in subsequent years.

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 new 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 a new energy label for EU. The present label, introduced in 1992 and modified in the meantime, allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The new label includes multiple classifications from A+++ to G reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the new 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.



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Heating & Cooling

**down to
-25°C**

Indoor unit			FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K	
Cooling capacity	Min./Nom./Max.	kW	1.3/2.0 (2)/2.8	1.3/2.5 (2)/3.2	1.4/3.5 (2)/4.0	1.7/4.2 (2)/5.0	1.7/5.0 (2)/5.3	
Heating capacity	Min./Nom./Max.	kW	1.3/2.5 (3)/4.3	1.3/2.8 (3)/4.7	1.4/4.0 (3)/5.2	1.7/5.4 (3)/6.0	1.7/5.8 (3)/6.5	
Power input	Cooling	Min./Nom./Max.	0.320/0.430/0.760	0.320/0.570/1.000	0.350/0.840/1.190	0.320/1.180/2.330	350.000/1.410/1.810	
	Heating	Min./Nom./Max.	0.310/0.550/1.120	0.310/0.620/1.410	0.340/0.840/1.460	0.400/1.310/1.980	0.300/1.450/2.000	
Seasonal efficiency (according to EN14825)	Cooling	Energy label	A+		A++			
		Pdesign	2.00	2.50	3.50	4.20	5.00	
		SEER	5.70	6.37	7.08	6.67	6.72	
	Heating (Average climate)	Annual energy consumption	kWh	123	137	173	220	261
		Energy label	A++		A+	A+		
		Pdesign	2.30	2.50	3.60	4.00	4.60	
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER	COP	4.65 (1)	4.39 (1)	4.07 (1)	3.56 (1)	3.55 (1)	
		COP	4.55 (1)	4.52 (1)	4.76 (1)	4.12 (1)	4.00 (1)	
	Annual energy consumption	kWh	215	285	420	590	750	
Casing	Colour	White						
	Dimensions	Unit	289x780x215			298x900x215		
Weight	Unit	kg	8			11		
	Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m³/min	8.8/8.8/4.7/3.9	9.1/9.1/5.0/3.9	11.2/11.2/5.8/4.1	11.2/11.2/7.0/4.1
Sound power level	Heating	High/Nom./Low/Silent operation	m³/min	9.5/7.8/6.0/4.3	10.0/8.0/6.0/4.3	12.1/9.3/6.5/4.2	12.4/10.0/7.8/5.2	13.3/10.8/8.4/5.5
	Cooling	Nom.	dBA	58		59		60
Sound pressure level	Heating	Nom.	dBA	58		59		60
	Cooling	High/Nom./Low/Silent operation	dBA	40/32/24/19	41/33/25/19	45/37/29/19	45/39/33/21	46/40/34/23
Piping connections	Heating	High/Nom./Low/Silent operation	dBA	40/34/27/19	41/34/27/19	45/39/29/19	45/39/33/22	47/40/34/24
	Liquid	OD	mm	6.35				
Power supply	Gas	OD	mm	9.5				
	Drain	OD	mm	18.0				
Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240					

Outdoor unit			RXL20K	RXL25K	RXL35K	RXL42K	RXL50K
Dimensions	Unit	HeightxWidthxDepth	550x765x285				735x825x300
Weight	Unit	kg	34			39	47
Fan - Air flow rate	Cooling	High/Nom./Low/Super low	33.5/33.5/30.1/-		36.0/36.0/-/30.1	37.3/37.3/-/30.6	50.9/50.9/-/48.9
	Heating	High/Nom./Low/Super low	28.3/-/25.6/-		28.3/28.3/-/25.6	31.3/31.3/-/27.2	45.0/45.0/-/43.1
Sound power level	Cooling	Nom.	61		62	61	63
	Heating	Nom.	61		62	61	63
Sound pressure level	Cooling	High/Silent operation	46/43		48/44		
	Heating	High/Silent operation	47/44		48/45		
Operation range	Cooling	Ambient Min.-Max.	-10~46				
	Heating	Ambient Min.-Max.	-25~18				
Refrigerant	Type/GWP	R-410A/1,975					
Piping connections	Piping length	OU - IU	20				30
	Level difference	IU - OU	15				20
Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240			1~ / 50 / 220-230-240	
Current - 50Hz	Maximum fuse amps (MFA)	A	10			20	

(1) EER/COP according to Eurovent 2012.



Indoor unit



Infrared remote control
ARC466A1



Outdoor unit



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. 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

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