

The benefits of a **Multi system**

- **Air conditioning in every room**

A Multi system allows up to 4 indoor units to operate off a single outdoor unit, thereby reducing installation space and costs. All indoor units can be individually controlled and do not need to be installed at the same time - extra units (up to a maximum of 4) can be added later.



- **The widest choice**

Different types of indoor units — wall mounted, concealed ceiling, floor standing etc - in different capacities can be mixed together in Multi system applications. Thus the ideal indoor unit can be selected for the bedroom, living room, office or wherever, according to the installation surface or personal requirements.



- **An ideal indoor climate**

A single outdoor unit can cool down or heat up 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.



Indoor units

for residential use

Daikin air conditioning introduces summer freshness and winter warmth into your home. Creating a perfect balance between temperature, humidity, purity and air movement... Daikin air conditioning is the modern, cost effective route to indoor comfort throughout the year.



< Wall mounted unit



Wall mounted unit >



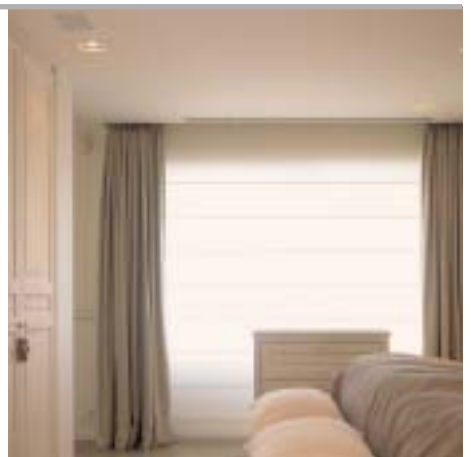
< Flexi type unit
(ceiling suspended
application)



Flexi type unit >
(lower wall application)



< Floor standing unit



Slim concealed
ceiling unit >

FTK/XS-D & CTK/XS-D



Wall mounted unit

NEW



Comfort

- Available in 2 colour variations
- Comfort mode reassures draught free operation
- Extremely quiet in operation

Filter

- Titanium apatite photocatalytic air purification filter powerfully absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses

Energy efficient

- ECONO mode decreases the power consumption so that other appliances that need large power consumption can be used
- Movement sensor automatically saves power consumption in unoccupied rooms

COOLING ONLY (air cooled)			FTKS20DVMW/L	FTKS25DVMW/L	FTKS35DVMW/L	CTKS50DVMW/L
Dimensions	HxWxD	mm	283x800x195			
Weight		kg	9			
Front panel colour			white + white top (W) or white + silver top (L)			
Air flow rate	H/L/SL	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2
Fan speed		steps	5 steps, silent and auto			
Sound pressure level	H/L/SL	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
Sound power level	H	dB(A)	56	56	57	64
Piping connections	liquid	mm	ø6.4			
	gas	mm	ø9.5		ø12.7	
	drain	mm	ø18.0			
Heat insulation			both liquid and gas pipes			
Power supply		VM	1~, 220-240/220-230V, 50/60Hz			
Infrared remote control			ARC433A43			

HEAT PUMP (air cooled)			FTXS20DVMW/L	FTXS25DVMW/L	FTXS35DVMW/L	CTXS50DVMW/L
Dimensions	HxWxD	mm	283x800x195			
Weight		kg	9			
Front panel colour			white + white top (W) or white + silver top (L)			
Air flow rate	cooling	H/L/SL	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2
	heating	H/L/SL	9.4/5.8/5.0	9.4/5.8/5.0	9.7/6.0/5.2	11.4/7.4/6.3
Fan speed		steps	5 steps, silent and auto			
Sound pressure level	cooling	H/L/SL	38/25/22	38/25/22	39/26/23	46/35/32
	heating	H/L/SL	38/28/25	38/28/25	39/29/26	44/33/30
Sound power level	cool/heat	H	56/56	56/56	57/57	64/62
Piping connections	liquid	mm	ø6.4			
	gas	mm	ø9.5		ø12.7	
	drain	mm	ø18.0			
Heat insulation			both liquid and gas pipes			
Power supply		VM	1~, 220-240/220-230V, 50/60Hz			
Infrared remote control			ARC433A50			



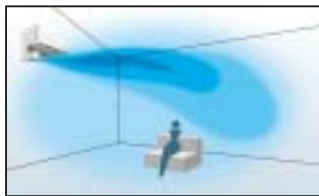
Daikin has taken a further step towards achieving the ideal combination of style and efficiency. The D series' stylish flat panel design creates a graceful harmony that enhances any interior décor while delivering greater energy savings than ever before.



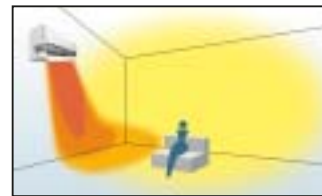
COMFORT

- The **comfort mode** function ensures draught-free operation. During the cooling operation the flap angle turns horizontally to prevent cold air blowing directly on to you. During heating however it turns downward vertically to direct the warm air towards your feet.

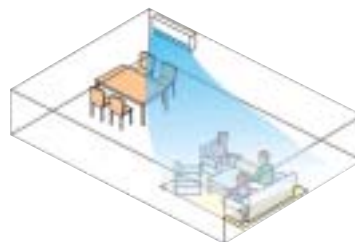
Cooling mode



Heating mode



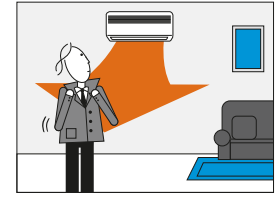
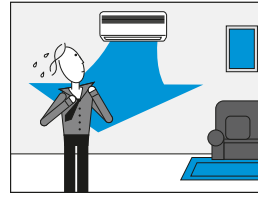
- The **vertical auto swing** automatically moves the flaps up and down to ensure an even distribution of air throughout the room.



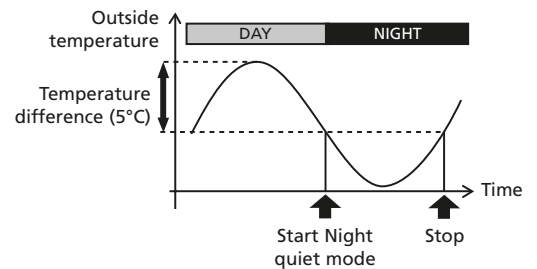
- You have the choice of **5 fan speeds** to select: from high to super low.
- Daikin's special **dry programme** reduces humidity in the room without variations in room temperature.



- The **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.

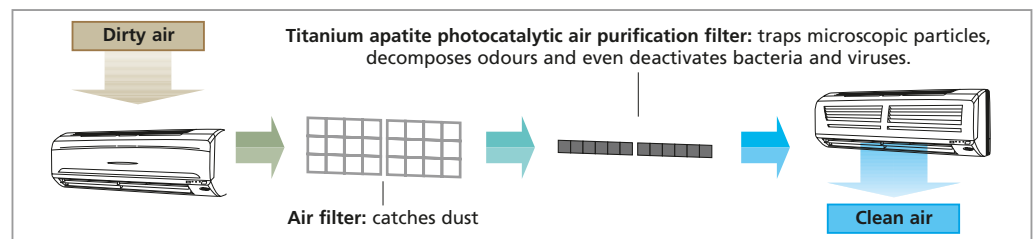


- The **night set mode** is automatically selected by pushing the 'off' timer button. This function prevents any sudden change in room temperature by gently raising/lowering the temperature before the air conditioner stops, so you can sleep more comfortably.
- The indoor unit is **extremely quiet in operation**. The sound levels are as low as 22dB(A), comparable to rustling leaves.
- The **outdoor unit silent operation** function brings you comfort by automatically lowering the operating sound of the outdoor unit by 3dB(A).
- The **night quiet mode** reduces the operating sound of the outdoor unit by another 3 dB(A) at night.



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.

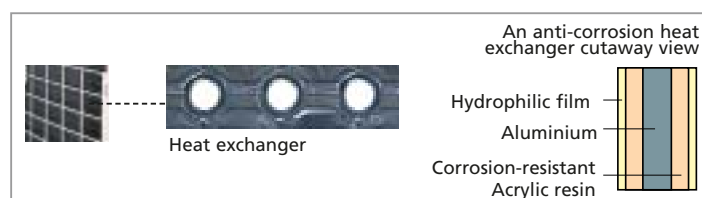


FLEXIBLE INSTALLATION AND EASY TO USE AND MAINTAIN

- 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.

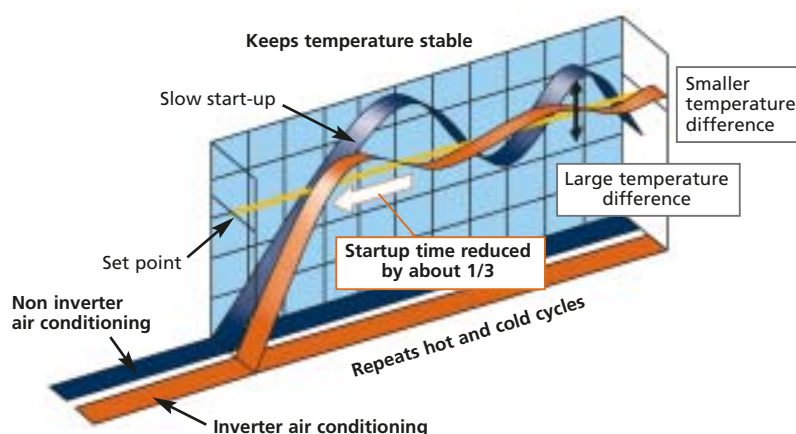


Infrared remote control (Standard)



ENERGY EFFICIENT

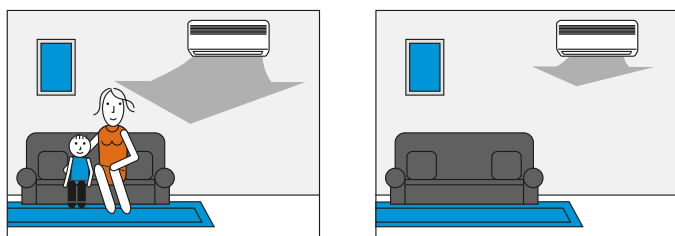
- Energy label: up to class A
- The D series is equipped with this new **ECONO mode**. This mode reduces the maximum operating current and power consumption by approximately 30% during start up. It is particularly convenient for energy saving conscious individuals, those who use other electrical devices 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.
- **Inverter technology** :
The use of integrated inverter control ensures maximum **energy efficiency** by supplying only the required heating or cooling load where a standard non inverter unit would supply maximum load in an on/off regime.



Improved comfort:

The rapid start up time provided by the inverter increases **comfort** by reducing the lead time in obtaining the required indoor temperature. Once the required temperature is reached, the inverter unit continuously scans the room for small changes and adjusts the room temperature in seconds, thereby increasing comfort once again.

- 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 cooling only or heating.
- It is possible to use the indoor unit in pair (connecting one indoor to one outdoor) and multi applications (connecting up to 9 units in several rooms to 1 outdoor unit).

Capacity and power input

COOLING ONLY - INVERTER CONTROLLED (air cooled)				FTKS20DVMW/L	FTKS25DVMW/L	FTKS35DVMW/L	CTKS50DVMW/L
				RKS20DVMB	RKS25DVMB	RKS35DVMB	4MKS58,75,90DVMB
Cooling capacity	min~nom~max	kW	1.2~2.0~2.6	1.3~2.5~3.0	1.4~3.4~3.8	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer	
Nominal input	min~nom~max	kW	0.30~0.49~0.83	0.30~0.685~0.96	0.30~1.045~1.27		
EER			4.08	3.65	3.25		
Energy label			A	A	A		
Annual energy consumption	cooling	kWh	245	343	523		
HEAT PUMP - INVERTER CONTROLLED (air cooled)				FTXS20DVMW/L	FTXS25DVMW/L	FTXS35DVMW/L	CTXS50DVMW/L
				RXS20DVMB	RXS25DVMB	RXS35DVMB	2.3MXS52/4MXS68,80DVMB
Cooling capacity	min~nom~max	kW	1.3~2.0~2.6	1.3~2.5~3.0	1.4~3.4~3.8	For more detailed information about capacities, power input, EER, Energy label and annual energy consumption, please refer to our Multi Model catalogue/combination tables or check with your local dealer	
Heating capacity	min~nom~max	kW	1.3~2.7~4.1	1.3~3.4~4.5	1.4~4.0~5.0		
Nominal input	cooling	min~nom~max	0.30~0.49~0.83	0.30~0.685~0.96	0.30~1.045~1.27		
	heating	min~nom~max	0.29~0.66~1.30	0.29~0.92~1.43	0.31~1.155~1.56		
EER			4.08	3.65	3.25		
COP			4.09	3.70	3.46		
Energy label	cooling		A	A	A		
	heating		A	A	B		
Annual energy consumption	cooling	kWh	245	343	523		

Note :

- 1) Energy label: scale from A (most efficient) to G (less efficient)
- 2) The energy label Directive 2002/31/EC will enter into force once the relevant measurement standard will be published in the European Official Standard.
- 3) Annual energy consumption: based on average use of 500 running hours per year at full load (=nominal conditions)



MULTI - COOLING ONLY	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)		
2MKS40D	2	4.20	1.52		
3MKS50D	3	6.46	2.25		
4MKS58D	4	6.60	2.47		
4MKS75D	4	9.27	3.71		
4MKS90D	4	9.86	3.52		
MULTI - HEAT PUMP	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
2MXS40D*	2	4.20	1.52	4.70	1.87
2MXS52D*	2	6.50	2.69	7.34	2.42
3MXS52D*	3	6.50	2.69	7.34	2.42
4MXS68D*	4	8.68	3.69	10.64	3.41
4MXS80D*	4	9.49	3.34	11.00	3.52
SUPER MULTI PLUS - HEAT PUMP	Max. n° of indoor units	Max. cooling capacities (kW)	Max. PI cooling (kW)	Max. heating capacities (kW)	Max. PI heating (kW)
RMXS112D*	7	11.20	3.57	12.50	4.01
RMXS140D*	8	14.00	5.23	16.00	5.31
RMXS160D*	9	15.50	5.55	17.50	5.56

Notes:

- For more detailed information about specifications, capacities, power input, energy labelling and annual energy consumption, please refer to our Multi Model catalogue/Super Multi Plus catalogue or check with your local dealer.

* At least 2 indoor units should be connected to this Multi outdoor unit.

Specifications indoor units

COOLING ONLY				FTKS20DVMW/L	FTKS25DVMW/L	FTKS35DVMW/L	CTKS50DVMW/L
Dimensions	HxWxD	mm	283x800x195				
Weight		kg	9				
Colour			white + white top (w) or white + silver top (L)				
Air flow rate	H/L	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.9/4.0	11.4/7.1/6.2	
Fan speed			5 steps, silent and auto				
Sound pressure level	H/L	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32	
Sound power level	H	dB(A)	56	56	57	64	
Piping connections	liquid	mm	ø6.4				
	gas	mm	ø9.5			ø12.7	
	drain	mm	ø18				
Heat insulation			both liquid and gas pipes				
HEAT PUMP				FTXS20DVMW/L	FTXS25DVMW/L	FTXS35DVMW/L	CTXS50DDVMW/L
Dimensions	HxWxD	mm	283x800x195				
Weight		kg	9				
Colour			white + white top (w) or white + silver top (L)				
Air flow rate	cooling	H/L	m ³ /min	8.7/4.7/3.9	8.7/4.7/3.9	8.9/4.8/4.0	11.4/7.1/6.2
	heating	H/L	m ³ /min	9.4/5.8/5.0	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	dB(A)	38/25/22	38/25/22	39/26/23	46/35/32
	heating	H/L	dB(A)	38/28/25	38/28/25	39/29/26	44/33/30
Sound power level	cooling	H	dB(A)	56	56	57	64
	heating	H	dB(A)	56	56	57	62
Piping connections	liquid	mm	ø6.4				
	gas	mm	ø9.5			ø12.7	
	drain	mm	ø18				
Heat insulation			both liquid and gas pipes				

Indoor units: FTKS/FTXS-D



FTKS20,25,35DVMW
CTK/XS50DVMW



FTXS20,25,35DVMW
CTK/XS50DVMW

Specifications outdoor units

COOLING ONLY				RKS20DVMB	RKS25DVMB	RKS35DVMB
Dimensions	HxWxD		mm	550x765x285		
Weight			kg	30	30	32
Casing colour				Ivory white		
Sound pressure level	H/L		dB(A)	46/43	46/43	47/44
Sound power level	H		dB(A)	61	61	62
Compressor				Hermetically sealed swing type		
Refrigerant type				R-410A		
Refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
Maximum piping length			m	20		
Maximum level difference			m	15		
Operation range	from ~ to		°CDB	+10 ~ 46		
HEAT PUMP				RXS20DVMB	RXS25DVMB	RXS35DVMB
Dimensions	HxWxD		mm	550x765x285		
Weight			kg	30	30	32
Casing colour				Ivory white		
Sound pressure level	cooling	H/L	dB(A)	46/33	46/33	46/33
	heating	H/L	dB(A)	47/44	47/44	48/45
Sound power level	cooling	H	dB(A)	61	61	62
	heating	H	dB(A)	62	62	63
Compressor				Hermetically sealed swing type		
Refrigerant type				R-410A		
Refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)		
Maximum piping length			m	20		
Maximum level difference			m	15		
Operation range	cooling	from ~ to	°CDB	+10 ~ 46		
	heating	from ~ to	°CWB	-15 ~ 20		



Accessories: control systems

INDOOR UNITS		FTK/XS20DVMW/L	FTK/XS25DVMW/L	FTK/XS35DVMW/L
Wiring adapter for time clock/ remote control (1)	normal open contact		KRP413A1S	
	normal open pulse contact		KRP413A1S	
Centralised control board	up to 5 rooms (2)		KRC726	
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	FTK/XS20DVMW/L	FTK/XS25DVMW/L	FTK/XS35DVMW/L
Titanium apatite photocatalytic air purification filter (without frame)		KAF970A46	
Anti-theft protection for remote control		KKF917A4	

Accessories

OUTDOOR UNITS	RK/XS20D	RK/XS25D	RK/XS/RS50B
Air direction adjustment grille		KPW937A4	

Note: 1) VM = 1 ~ ,220 ~ 240/220-230V,50Hz/60Hz

2) Nominal cooling capacities are based on: indoor temperature 27°CDB/19°CWB • outdoor temperature 35°CDB • refrigerant piping length 75m • level difference 0m.

3) Nominal heating capacities are based on: indoor temperature 20°CDB • outdoor temperature 7°CDB/6°CWB • refrigerant piping length 75m • 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'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 environmental friendly products. This challenge demands the eco design and development of a wide range of products and an energy management system; which involves energy conservation and 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.



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



Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products. Multi units are Eurovent certified for combinations up to 2 indoor units.

Specifications are subject to change without prior notice.

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