



AIR CONDITIONERS

for your home

WALL MOUNTED UNIT


R-410A



www.daikin.eu

FTYN-GX
FT(Y)N-F





FOR EVERY HOME, FOR EVERY ROOM

EVERY DAY, MORE AND MORE PEOPLE ARE MAKING A CONSCIOUS EFFORT TO RAISE THEIR QUALITY OF LIFE. BESIDES A BALANCED DIET AND REGULAR PHYSICAL EXERCISE, ATTENTION IS INCREASINGLY BEING PAID TO CREATING A COMFORTABLE INDOOR CLIMATE.

BALANCED AIR TREATMENT IN YOUR HOME IS UNMISTAKABLY REFLECTED IN THE PERFORMANCE OF BOTH YOUR BODY AND MIND. THE DAIKIN WALL MOUNTED UNITS FOR HOME USE HAVE A CONTEMPORARY DESIGN, ARE ENERGY-EFFICIENT, EXTREMELY QUIET AND CREATE A VERY COMFORTABLE CLIMATE IN THE LIVING ROOM, KITCHEN OR BEDROOM - DAY AND NIGHT, THE WHOLE YEAR ROUND.

COMPACT BUT STRONG

FTYN wall mounted units provide pure and pleasant air flow in your home. For even greater comfort, you can choose between various settings by simply using the remote control.

› **Low-noise operation**

The indoor unit operates whisper quiet: the noise produced amounts from 25 dB(A) onwards. For your own peace, as well as your neighbours', the outdoor unit's noise level unit does not exceed 50 dB(A).

› **Auto swing**

The auto swing function provides consistent air and temperature distribution. Thanks to the slanting outflow louvers with wide-angle air discharge flow, the air flow of an FTYN wall mounted unit reaches even into the furthest corners of the room, irrespective of where it has been mounted. You can easily adjust the horizontal grille by hand.

› **Fan speeds**

In the GX series, you can choose from three fan speeds: low, high and automatic. In the F-series, there are five speeds ranging from high to the lowest setting, in five steps.

› **Dry programme**

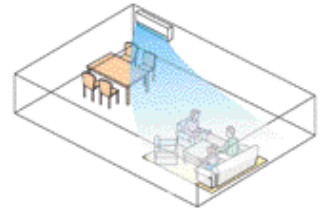
With the special dry programme, the humidity level in the room is reduced without temperature fluctuations.

› **Powerful operation**

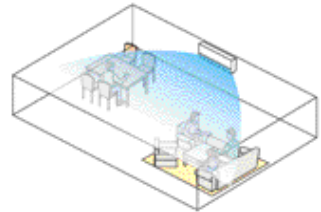
The powerful operation activates the maximum air volume for 20 minutes, for example when you come home on a hot day and want to cool down the room quickly. After this, the air conditioner automatically returns to its original setting.

› **Night set mode**

If the timer is switched on, the air conditioner will automatically set the temperature - an increase of 0.5°C when cooling and a decrease of 2°C when heating - to prevent the room from rapidly cooling or heating so that you sleep more comfortably.



Vertical auto swing

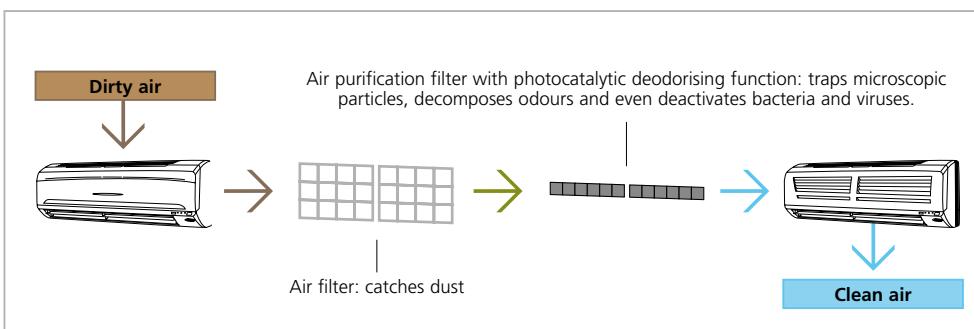


Wide angle louvers

A SOURCE OF PURE AIR

The FTYN-F wall mounted units guarantee air flow which is not only comfortable, but also pure. For example, the indoor unit is equipped with a titanium apatite photocatalytic air purifying filter.

The filter traps microscopic dust particles in the air and absorbs organic contaminants such as bacteria and viruses.



DAIKIN WALL MOUNTED
UNITS ARE DESIGNED
TO MEET 100% OF
YOUR AIR QUALITY
AND TEMPERATURE
REQUIREMENTS



COMPACT DESIGN FOR FLEXIBLE INSTALLATION

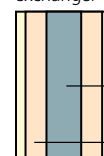
- › Since wall units are mounted high up, you save all your space for interior decoration. The front panel of the indoor unit is ultra-flat, making it very easy to clean. For more thorough cleaning, the indoor unit's panel can be quickly removed.
- › An easy-to-use infrared remote control is provided as standard. Should there be a malfunction in the air conditioner, you can read the code on the remote control and find the appropriate solution.
- › The outdoor unit is installed on the roof, terrace or against an outside wall. Thanks to a special anti-corrosion treatment of the fan and heat exchanger, the outdoor unit is resistant to acid rain and salt corrosion. A sheet of stainless steel underneath the unit provides additional protection.



Infrared remote control (Standard)
GX-series



An anti-corrosion heat exchanger cutaway view



Hydrophilic film

Aluminium

Corrosion-resistant
Acrylic resin

EXCEPTIONALLY ENERGY EFFICIENT

Daikin has once again improved the energy efficiency of its units. With a heating performance coefficient (COP) up to 3.65 and cooling performance coefficient (EER) up to 3.25, the FTYN wall mounted units provide considerable energy savings when compared to conventional models.

POSSIBLE APPLICATIONS

- › These models can be used for **both cooling and heating** (heat pump) or **exclusively for cooling**.
- › The indoor unit can only be used in one room: one indoor unit is connected to one outdoor unit.

DID YOU KNOW *that* ...

we spend between 60% and 95% of our time indoors and that we breathe about 22,000 times a day? Daikin's unique air purification filter removes airborne dust, pollen, bacteria, viruses, tobacco smoke, unpleasant odours, hazardous gases and pet hair.

CAPACITY AND POWER

COOLING ONLY (air cooled)				FTNS50F		FTN60F	
				RN50E		RN60E	
Cooling capacity	nominal	kW	5.0	6.0			
Nominal input	nominal	kW	1.55	1.99			
EER			3.23	3.02			
Energy label			A	B			
Annual energy consumption	cooling	kWh	775	995			

HEAT PUMP (air cooled)				FTYN25GX		FTYN35GX		FTYN50F		FTYN60F	
				RYN25GX		RYN35GX		RYN50E		RYN60E	
Cooling capacity	nominal	kW	2.5	3.27	5.0	6.0					
Heating capacity	nominal	kW	2.85	3.68	5.8	7.0					
Nominal input	cooling	nominal	kW	0.77	1.02	1.55	1.99				
	heating	nominal	kW	0.78	1.02	1.60	2.04				
EER			3.25	3.21	3.23	3.02					
COP			3.65	3.61	3.63	3.43					
Energy label	cooling		A	A	A	B					
	heating		A	A	A	B					
Annual energy consumption	cooling	kWh	385	510	775	995					

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)

FTYN-GX

Height	288 mm
Width	800 mm
Depth	240 mm



SPECIFICATIONS INDOOR UNITS

COOLING ONLY				FTN50F	FTN60F			
Dimensions	HxWxD	mm	290x1,050x238					
Weight		kg	12	12				
Colour	White							
Air flow rate	H/L	dB(A)	14.7/10.3	16.2/11.4				
Fan speed	5 steps and auto							
Sound pressure level	H/L	dB(A)	43/34	45/36				
Sound power level	H	dB(A)	59	61				
Piping connections	liquid	mm	ø6.4					
	gas	mm	ø12.7					
	drain	mm	18					
Heat insulation	Both liquid and gas pipes							
HEAT PUMP				FTYN25GX	FTYN35GX	FTYN50F	FTYN60F	
Dimensions	HxWxD	mm	288x800x240				290x1,050x238	
Weight		kg	9		12	12		
Colour	White							
Air flow rate	cooling	H/L	dB(A)	9.5/6.3	9.8/6.8	14.7 (H)	16.2 (H)	
	heating	H/L	dB(A)	9.7/6.6	10.5/7.1	16.1 (H)	17.4 (H)	
Fan speed				*		4 steps and auto		
Sound pressure level	cooling	H/M/L/SL	dB(A)	38/32/27/25	38/34/29/27	43/34 (H/L)	45/36 (H/L)	
	heating		dB(A)	38/33/27/25	40/35/29/27	42/33 (H/L)	44/35 (H/L)	
Sound power level	cooling	H	dB(A)	58	59	59 (M)	61 (M)	
Piping connections	liquid	mm	ø6.4					
	gas	mm	ø9.5	ø12.7	ø12.7			
Heat insulation	Both liquid and gas pipes							

* Information was not available at time of publication

RYN-GX

Height	550 mm
Width	765 mm
Depth	285 mm



SPECIFICATIONS OUTDOOR UNITS

COOLING ONLY				RN50E	RN60E		
Dimensions	HxWxD	mm	735x825x300				
Weight		kg	47				
Casing colour	Ivory white						
Sound pressure level	H	dB(A)	47	49			
Sound power level	H	dB(A)	61	63			
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	30				
Maximum height difference		m	20				
Operation range	from~to	°CDB	-10~46				
HEAT PUMP				RYN25GX	RYN35GX	RYN50E	RYN60E
Dimensions	HxWxD	mm	550x765x285		735x825x300		
Weight		kg	31	34	48		
Casing colour				White		Ivory white	
Sound pressure level	cooling	H	dB(A)	48	49	47	49
	heating	H	dB(A)	49	50	48	49
Sound power level	cooling	H	dB(A)	*	*	61	63
	heating	H	dB(A)	*	*	-	-
Compressor		type	Hermetic motor compressor		Hermetically sealed swing		
Refrigerant type	R-410A						
Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)				
Maximum piping length		m	15		30		
Maximum height difference		m	10		20		
Operation range	cooling	from~to	°CDB	10~46		-10~46	
	heating	from~to	°CWB	-10~24		-15~18	

* Information was not available at time of publication

DID YOU KNOW *that* ...

the energy consumption of air conditioning systems has been reduced spectacularly since their introduction? By consuming about 600 Watts - i.e. one third of what your vacuum cleaner consumes - it is now possible to achieve a cooling capacity of over 2,000 Watts. A 2.1-kW air conditioner therefore uses about 600 Watts, which boils down only to EUR 0.05 per hour. If you use the system 5 hours per day in summer, this means only EUR 7.50 per month. During the colder months, the system will quickly pay for itself when you start using it to heat your home. For example, the central heating system will no longer have to be switched on in the mornings. In a nutshell, your Daikin climate comfort is cheaper than you think.



ACCESSORIES: CONTROL SYSTEMS

INDOOR UNITS		FTYN25GX	FTYN35GX	FT(Y)N50F	FT(Y)N60F
Wiring adapter for time clock/ remote control (1)	normal open contact	-	-	-	KRP413A(A)1S
	normal open pulse contact	-	-	-	KRP413A(A)1S
Centralised control board	up to 5 rooms (2)	-	-	-	KRC72(A)
Central remote control		-	-	-	DCS302CA51
Unified ON/OFF control		-	-	-	DCS301BA51
Schedule timer		-	-	-	DST301BA51
Interface adapter (3)		-	-	-	KRP928BA2S

(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	FTYN25GX	FTYN35GX	FT(Y)N50F	FT(Y)N60F
Titanium apatite photocatalytic air purification filter (with frame)	-	-	-	-
Titanium apatite photocatalytic air purification filter (without frame)	-	-	-	KAF952B42
Air purification filter with bacteriostatic, virustatic functions	*	*	*	*
Anti-theft protection for remote control	-	-	-	KKF917(A)4

* standard accessory

ACCESSORIES: OUTDOOR UNITS

OUTDOOR UNITS	RYN25GX	RYN35GX	R(Y)N50E	R(Y)N60E
Air direction adjustment grille		KPW937A4		KRP945(A)4
Drain plug (1)		KKP937A4		KKP937A4

(1) Only heat pump models

- Note:
- 1) V3 = 1~, 230V, 50Hz / 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.

WHO ISN'T CONCERNED ABOUT HEALTHY INDOOR AIR? DAIKIN BRINGS UNIQUE CLIMATE COMFORT WITHIN EVERYONE'S REACH.

R-410A THE REFRIGERANT WITH A HIGH OUTPUT

A refrigerant is used to transport heat from the inside to the outside and vice-versa. With the R-410A refrigerant, you can now have higher output and lower energy consumption thanks to a higher energetic content. By using R-410A, the dimensions of both the indoor and outdoor units can be reduced to the greatest extent possible.



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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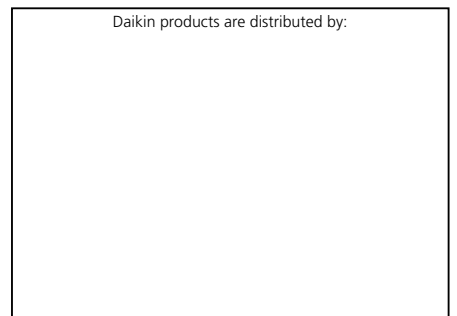


Daikin units comply with the European regulations that guarantee the safety of the product.



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.

Daikin products are distributed by:



FSC



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