



# Air Conditioners Heating & Cooling

## Wall Mounted Unit



www.daikin.eu

- » For high ambient temperatures up to 52°C
- » 50 Hz
- » Heat pump system
- » Energy efficient
- » Dehumidification without a drop in temperature
- » Same comfort feeling throughout the room
- » A source of pure air



FT(Y)-H



## Cooling only

Indoor units				FT18H	FT24H	FT28H
Cooling capacity	nom	kW		5.4	6.45	8.6
	nom	Btu/h		18,400	22,000	29,300
Power input	cooling	nom	kW	2.00	2.30	3.20
			kW/kW	2.70	2.80	2.69
EER			Btu	9.20	9.57	9.16
			kW/h	2,700	3,225	4,300
Annual energy consumption	unit	HxWxD	mm	298x940x200	315x1,007x219	326x1,178x253
	package unit	HxWxD	mm	380x1,010x285	395x1,073x313	417x1,265x343
Dimensions	unit		kg	13	15.5	17.5
	gross unit		kg	17	20.5	24
Weight	unit		m <sup>3</sup> /min	14.2	15.8	20.0
	cooling		M/L/SL	41/37/32	42/38/34	49/46/44
Fan - Air flow rate						
Sound pressure						
Power supply					1~, 220-240V, 50Hz	
Outdoor units				R18H	R24H	R28H
Dimensions	unit	HxWxD	mm	680x913x378	700x955x396	840x1,080x412
	package unit	HxWxD	mm	725x994x428	735x1,026x455	905x1,100x450
Weight	unit		kg	46	55	90
	gross unit		kg	17	20.5	24
Operation range	cooling	ambient	min~max	18°C~52°C		
			dB(A)	52	53	61
Sound pressure	type				R-22	
	refrigerant charge	factory (for 5m piping)	kg	1.17	1.90	2.55
Piping connections	level difference	IU-OU	max	10		15
	total piping length	actual	m	25		30
	gas/liquid		mm	ø12.7/ø6.4		ø15.9/ø6.4
Power supply					1~, 220-240V, 50Hz	



Indoor unit  
FT18H



Infrared remote control



Outdoor unit  
R18H



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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## 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.



Heating Mode



Cooling Mode

## Comfort

► **Aesthetic appearance:** These units blend easily into any interior decoration and design. The LED light makes it easy for the user to check the operating conditions.

► **Improved indoor Air Quality:** Several optional filters are available to improve the indoor air quality.

► **Excellent Air Distribution:** This louver design, together with its automatic air swing function, distributes air evenly around a room.

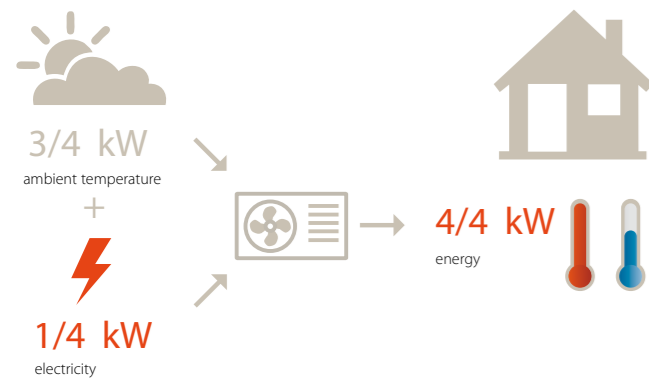
► **Low Noise:** The special designed air vent reduces the operation sound efficiently.

► **Fan speeds:** You have the choice between 4 fans speeds to select to achieve optimum comfort.

## Heating & Cooling

Indoor units				FTY18H	FTY24H	FTY28H
Cooling capacity	nom	kW	5.4	6.45	8.6	
		Btu/h	18,400	22,000	29,300	
Heating capacity	nom	kW	6.0	7.2	9.2	
		Btu/h	20,500	24,600	31,400	
Power input	cooling	nom	kW	2.00	2.30	3.20
		nom	kW	1.95	2.35	3.10
EER		kW/kW	2.70	2.80	2.69	
		Btu/W	9.20	9.57	9.16	
COP		kW/kW	3.08	3.06	2.97	
		Btu/W	10.51	10.47	10.13	
Annual energy consumption		kW/h	2,700	3,225	4,300	
Dimensions	unit	HxWxD	mm	298x940x200	315x1,007x219	326x1,178x253
	package unit	HxWxD	mm	380x1,010x285	395x1,073x313	417x1,265x343
Weight	unit		kg	13.0	15.5	17.5
	gross unit		kg	17	20.5	24
Fan - Air flow rate		cooling	m <sup>3</sup> /min	9.50	10.4	14.9
		heating	m <sup>3</sup> /min	9.40	10.6	15.8
Sound pressure	cooling	M/L/SL	dBA	41/37/32	42/38/34	49/46/44
		M/L/SL	dBA	41/37/32	42/38/34	49/46/44
Power supply				1~,220-240V,50Hz		

Outdoor units				RY18H	RY24H	RY28H
Dimensions	unit	HxWxD	mm	680x913x378	700x955x396	840x1,080x412
	package unit	HxWxD	mm	725x994x428	735x1,026x455	905x1,100x450
Weight	unit		kg	46	55	90
	gross unit		kg	51	60	105
Operation range		ambient	min-max	°CDB		
Sound pressure	cooling			52	53	61
				52	53	61
Refrigerant	type			R-22		
		refrigerant charge	factory (for 5m piping) additional amount	kg	1.17	1.90
Piping connections	level difference	IU-OU	max	m		
	total piping length	actual		m		
	gas/liquid			mm		
Power supply				1~,220-240V,50Hz		



## Flexible installation & built-in intelligence

► The **outdoor unit** can be installed on a roof or terrace or placed against an outside wall.

### ► Dehumidification system:

The level of humidity in the room can be reduced while the room temperature remains the same.

### ► EASY-to-Use Infrared Remote Control:



Infrared remote control

1. **Turbo Mode:** When Turbo mode is enabled you can rapidly heat up or cool down during 20 minutes, (e.g. when you come home on a hot day, rapid cooling is required). after this, the unit returns automatically to its previous settings.
2. **Anti cool air design:** The power air flow dual flaps flatten out during cooling operation to deliver cool air to the corners of a room. The flaps descend to blow warm air directly down to the floor to quickly warm the whole room.
3. The **infrared remote control** is user-friendly and equipped with a timer function. With this timer, you can programme the unit to start or stop at your desired time.
4. **Auto Restart Function:** When there is power failure occurred during operation, the unit will automatically restart as the last setting condition once the power is resumed.
5. **Sleeping Mode Auto Control:** The setting of Sleeping mode will gradually increase the set temperature to provide a comfortable environment for sleeping.

## 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.

\* EU objective COM (2008)/30

