

# Floor/Ceiling Inverter

YHFJZH 12 to 60

A complete range from 3.5 kW to 14.8 kW



UPDATED  
VERSION



## Features

- High SEER & SCOP, Class A or more
- Inverter DC compressor and fan motor
- Multi-speed fan motor
- Washable filter
- Fresh air intake
- Convertible - floor or ceiling
- Automatic restart
- Automatic air sweep
- Horizontal and vertical air sweep function
- Wide angle air distribution
- Slim profile - flush mounting
- Low Ambient Kit (sizes 24 to 60)
- Electrical defrosting
- Self diagnosis
- **Blue fin protection (indoor and outdoor units)**
- **Same indoor models as Multi Splits (sizes 12 to 24)**



## Remote controller

- Wireless
- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- On/Off timer
- Turbo cool/heat settings
- Fan speed selection
- Air flow direction setting
- LED display
- Lock button



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### Technical features

Set reference		YHFJZH							
Indoor unit	Sizes	YHFMXH 12	YHFMXH 18	YHFMXH 24	YHFMXH 28	YHFMXH 36	YHFMXH 48	YHFMXH 60	
Outdoor unit	Sizes	YHUJYH 12	YHUJYH 18	YHUJYH 24	YHUJYH 28	YHUJYH 36	YHUJYH 48	YHUJYH 60	
Cooling capacity	kW	3.5 (0.9-4.5)	5.0 (1.7-5.3)	6.5 (1.8-6.7)	8.3 (1.9-9.2)	9.3 (2.0-10.1)	12.3 (5.5-13.3)	14.8 (3.7-15.1)	
Heating capacity	kW	3.9 (1.0-4.8)	5.4 (1.8-6.0)	6.7 (2.3-7.3)	9.0 (2.0-9.6)	10.6 (2.0-10.8)	13.8 (5.5-15.1)	15.2 (3.7-16.5)	
Compressor	Type	Rotary							
Refrigerant		R410A							
Power supply	V/Ph/Hz	230 / 1 / 50					230/1/50 or 400/3/50		400 / 3 / 50
Power input	cooling	kW	1.05	1.55	2.31	2.57	2.90	3.97	5.02
	heating	kW	1.08	1.53	2.22	2.48	2.93	4.08	4.62
EER		3.33	3.21	2.81	3.23	3.21	3.09	2.95	
SEER		5.6	5.1	5.1	5.6	5.6	-	-	
COP		3.61	3.52	3.01	3.63	3.62	3.38	3.28	
SCOP		3.8	3.8	3.8	3.8	3.8	-	-	
Energy Class	cooling	A+	A	A	A+	A+	-	-	
	heating	A	A	A	A	A	-	-	
Indoor airflow (H/M/L)	m <sup>3</sup> /h	650 / 550 / 450	800 / 720 / 650	850 / 800 / 720	1630 / 1537 / 1375	1630 / 1537 / 1375	2000 / 1800 / 1400	2000 / 1800 / 1400	
Sound pressure at 1 m	Indoor (H/M/L)	dB(A)	41 / 37 / 33	44 / 41 / 36	44 / 41 / 36	49 / 45 / 43	49 / 45 / 43	53 / 51 / 49	53 / 51 / 49
	Outdoor	dB(A)	52	54	57	58	58	59	60
Dimensions	Indoor	H (mm)	655	655	655	700	700	700	700
		W (mm)	990	990	990	1 298	1 298	1 580	1 580
		D (mm)	199	199	199	240	240	240	240
	Outdoor	H (mm)	540	688	730	840	840	830	1 250
		W (mm)	780	810	860	948	948	1 008	948
		D (mm)	245	288	308	340	340	410	340
Net weight	Indoor unit	kg	26.3	28.3	28.3	37	37	54	54
	Outdoor unit	kg	31.2	43	49	64	65	82	96
Piping	Type of connection		Flare						
	Diameter	Gas	3/8"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
		Liquid	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Pipe run	Length	m	15	25	25	30	30	50	50
	Height	m	10	15	15	20	20	30	30
Operating limits - cooling mode		min/max	+18°C / +43°C			-10°C / +46°C			
Operating limits - heating mode		min/max	-15°C / +24°C			-15°C / +24°C			

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB

Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB

Piping length : 5 m with initial charge

Size 48: Values for single phase models. For three phases models two models available (1 or two fans).

### Accessories

Sizes	12	18	24	28	36	48	60
Wired control							Optional
Central control							Optional