

Cassette Inverter

YHKJZH 12 to 60

A complete range from 3.5 kW to 14.4 kW



Features

- High SEER & SCOP, Class A
- Inverter DC compressor and fan motor
- Multi-speed fan motor
- Washable filter
- Fresh air intake
- Built-in drain pump
- Branch outlet
- Automatic restart
- Automatic air sweep
- Low Ambient Kit (sizes 24 to 60)
- Electrical defrosting
- Self diagnosis
- **Blue fin protection (indoor and outdoor units)**



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		YHKJZH							
Indoor unit	Sizes	YHKJXH 12	YHKJXH 18	YHKJXH 24	YHKJXH 28	YHKJXH 36	YHKJXH 48	YHKJXH 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)	4.8 (1.8-5.8)	6.9 (1.8-7.5)	7.8 (2.0-8.7)	9.3 (2.0-10.3)	12.1 (6.0-13.8)	14.4 (3.7-15.1)	
Heating capacity	kW	3.6 (0.9-4.4)	5.1 (2.0-6.1)	7.3 (2.5-8.0)	8.5 (2.5-9.3)	9.4 (2.3-10.8)	12.6 (5.5-14.7)	15.4 (3.7-16.0)	
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	1.08	1.49	2.22	2.59	3.00	4.11	5.12
	Heating	kW	1.00	1.58	2.01	2.53	2.78	4.07	5.11
			3.24	3.22	3.10	3.01	3.10	2.94	2.81
EER			5.1	5.1	5.2	5.2	5.3	-	-
COP			3.62	3.22	3.63	3.36	3.38	3.10	3.01
SCOP			3.6	3.4	3.6	3.4	3.6	-	-
Energy Class	Cooling		A	A	A	A	A	-	-
	Heating		A	A	A	A	A	-	-
Indoor airflow (H/M/L)	m ³ /h	620/520/450	700/620/500	1300/1100/870	1300/1100/870	1600/1450/1300	1600/1450/1300	1980/1750/1500	
Sound pressure at 1 m	Indoor (H/M/L)	dB(A)	40 / 36 / 32	42 / 37 / 35	46 / 44 / 39	48 / 46 / 44	49 / 47 / 44	49 / 47 / 44	49 / 44 / 42
	Outdoor	dB(A)	46	50	57	58	58	58	59
Dimensions	Indoor	H (mm)	260	260	240	240	290	290	280
		W (mm)	570	570	840	840	840	840	1 230
		D (mm)	570	570	840	840	840	840	840
	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
Panel H / W / D	mm	60 / 700 / 700	60 / 700 / 700	60 / 950 / 950	60 / 950 / 950	60 / 950 / 950	60 / 950 / 950	80 / 950 / 1 340	
Net weight	Indoor unit	kg	18.5	18.5	26.8	26.8	38	38	46
	Outdoor unit	kg	32	43	49	64	65	82	96
	Panel	kg	2.8	2.8	4.2	4.2	4.2	4.2	8.4
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

Accessories

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

