

Floor/Ceiling Inverter

YGFJZH 12 to 60

A complete range from 3.5 kW to 16.0 kW



Features

- High SEER & SCOP, Class A++ mainly
- Inverter DC compressor and fan motor
- Washable filter
- Convertible - floor or ceiling
- Automatic restart
- Automatic air sweep
- Horizontal and vertical air sweep function
- Different swing angle design for cooling and heating
- 3D airflow
- Low Ambient Kit
- Intelligent defrosting
- Service valve protection cover
- Rustproof casing
- Self diagnosis
- **Blue fin protection (indoor and outdoor units)**



Remote controller

- Wireless
- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- Room temperature setting
- Fan speed selection
- Timer setting function
- Air flow direction setting
- LCD display
- Turbo mode
- Lock button function



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Technical features

Set reference		YGFJZH								
Indoor unit	Sizes	YGFJXH 12	YGFJXH 18	YGFJXH 24	YGFJXH 30	YGFJXH 36	YGFJXH 42	YGFJXH 48	YGFJXH 60	
Outdoor unit	Sizes	YGUJYH 12	YGUJYH 18	YGUJYH 24	YGUJYH 30	YGUJYH 36	YGUJYH 42	YGUJYH 48	YGUJYH 60	
Cooling capacity	kW	3.5 (0.9-3.9)	5.0 (1.6-5.8)	7.0 (2.4-8.2)	8.5 (2.6-9.2)	10.0 (3.2-11.5)	11.5 (3.6-12.5)	14.0 (6.0-14.8)	16.0 (6.4-16.5)	
Heating capacity	kW	3.8 (0.9-4.1)	5.6 (1.4-6.8)	8.0 (2.4-9.0)	9.2 (2.4-9.9)	12.0 (2.9-14.5)	13.5 (3.9-15.5)	16.0 (5.2-18.0)	17.0 (5.5-20.0)	
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	1.09	1.55	2.18	2.67	3.20	3.90	4.80	5.75
	heating	kW	1.05	1.55	2.21	2.57	3.40	3.70	4.30	4.70
EER			3.21	3.23	3.21	3.18	3.12	2.95	2.92	2.78
SEER			6.1	6.1	5.6	6.1	6.1	6.1	5.6	5.1
COP			3.61	3.61	3.62	3.58	3.53	3.65	3.72	3.62
SCOP			4.0	4.0	4.0	4.0	4.0	4.0	3.8	4.0
Energy Class	cooling		A++	A++	A+	A++	A++	A++	A+	A
	heating		A+	A+	A+	A+	A+	A+	A	A+
Indoor airflow (High speed)	m ³ /h	700	1 000	1 200	1 500	1 900	1 900	2 300	2 500	
Sound pressure at 1 m	Indoor (H/M/L)	dB(A)	33 / 30 / 27	42 / 38 / 32	48 / 46 / 40	46 / 44 / 38	53 / 51 / 46	54 / 52 / 47	55 / 50 / 46	56 / 52 / 46
	Outdoor	dB(A)	52	56	57	58	63	61	59	63
Dimensions	Indoor	H (mm)	700	700	700	700	700	700	700	700
		W (mm)	1 220	1 220	1 220	1 420	1 420	1 420	1 700	1 700
		D (mm)	225	225	225	245	245	245	245	245
	Outdoor	H (mm)	540	700	790	790	1 100	1 349	1 349	1 365
		W (mm)	848	955	980	980	1 107	958	958	1 085
		D (mm)	320	396	427	427	440	412	412	427
Net weight	Indoor unit	kg	39	39	40	48	48	50	59	59
	Outdoor unit	kg	34	47	67	71	92	95	105	126
Piping	Type of connection	Flare								
	Diameter	Gas	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
		Liquid	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	
Pipe run	Length	m	20	20	30	30	30	50	50	50
	Height	m	15	15	15	15	15	30	30	30
Operating limits - cooling mode	min/max	-15°C / +48°C								
Operating limits - heating mode	min/max	-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 36, 42 and 48: Values for single phase models.

Accessories

Sizes	12	18	24	30	36	42	48	60
Wired control								Optional
Central control								Optional

