

Blower Inverter

YGEJZH 12 to 60

A complete range from 3.5 kW to 16.0 kW



Features

- High SEER & SCOP, Class A+ or more
- Inverter DC compressor and fan motor
- Washable filter
- Automatic restart
- Condensate pump optional
- Low noise levels
- Wired control
- Low Ambient Kit
- Intelligent defrosting
- Fresh air intake
- Self diagnosis
- **Blue fin protection (indoor and outdoor units)**



Wired control

- 5 operation modes (Cool/Heat/Auto/Dry/Fan)
- Sleep mode
- Room temperature setting
- Fan speed selection
- Timer
- LCD display



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Technical features

Set reference		YGEJZH								
Indoor unit	Sizes	YGEJXH 12	YGEJXH 18	YGEJXH 24	YGEJXH 30	YGEJXH 36	YGEJXH 42	YGEJXH 48	YGEJXH 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 (2.2~8.5)	8.3 (2.4~8.7)	10.0 (3.2~11.5)	11.5 (3.6~12.5)	14.0 (6.0~14.5)	16.0 (6.8~17.5)	
Heating capacity	kW	3.8 (0.9~4.1)	5.6 (1.4~6.8)	8.0 (2.4~9.5)	9.2 (2.4~9.9)	12.0 (2.9~14.5)	13.5 (3.9~15.5)	15.5 (5.2~17.0)	16.5 (5.3~18.8)	
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	1.17	1.55	2.18	2.67	3.20	4.00	4.70	5.60
	heating	kW	1.05	1.55	2.21	2.57	3.40	3.90	4.40	4.57
EER			3.00	3.23	3.21	3.11	3.12	2.88	2.98	2.86
SEER			5.6	5.6	6.1	6.1	5.6	5.6	6.1	5.6
COP			3.61	3.61	3.62	3.58	3.53	3.46	3.52	3.61
SCOP			4.0	3.8	4.0	4.0	4.0	4.0	3.8	3.8
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	750	1 000	1 400	1 400	2 100	2 100	2 400	3 000	
External static pressure	Pa	0 / 30	0 / 30	0 / 75	0 / 75	0 / 100	0 / 100	0 / 125	0 / 150	
Sound pressure at 1 m	Indoor (H/M/L)	dB(A)	36 / 34 / 28	39 / 36 / 28	46 / 44 / 40	46 / 44 / 40	52 / 48 / 44	52 / 48 / 44	53 / 49 / 45	56 / 54 / 49
	Outdoor	dB(A)	52	56	57	58	63	61	59	63
Dimensions	Indoor	H (mm)	721	721	558	558	775	775	750	750
		W (mm)	1 037	1 037	1 279	1 279	1 226	1 226	1 340	1 340
		D (mm)	266	266	268	268	290	290	350	350
	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	33	33	34	34	46	46	56	57
	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"	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
Condensate pump								Optional
Central control								Optional