INVERTER HI-WALL

ambi INVERTER

Design, innovation, efficiency

The new AMBI air conditioning unit is a true energy-saving mastermind. Equipped with advanced inverter compressor technology, it optimizes energy consumption while maintaining maximum efficiency. At the same time, its cutting-edge air purification technologies help create a healthier, safer indoor environment. An iced cube gray tone panel provides the ultimate design for your space while ensuring comfort in your home.

FEATURES

- Pre-filter
- Eco Plus Mode
- Sleep Mode
- 1W Standby
- Auto-Swing Mode
- 8°C Heating Function
- Follow Me
- Turbo Mode
- Remote Control Locking
- Timer
- Memorization
  Last desired mode, set temp,
  For next startup
- Silent Mode
  Indoor fan run super quiet
- Electrical Voltage Protection
- Self-Diagnosis & Auto-Protection
- Overflow Protection
- Auto-Defrosting
- Auto-Restart
- Golden Fin
- Base Pan Heater (Optional)
- Crankcase Heater (Optional)
- Refrigerant Leakage Detection

TECHNICAL CHARACTERISTICS

SYSTEM			42QCE009D8SE 38QCE009D8SE	42QCE012D8SE 38QCE012D8SE	42QCE018D8SE 38QCE018D8SE	42QCE024D8SE 38QCE024D8SE
Rated Cooling Capacity		KW	2.64 (1.17~2.93)	3.51 (1.29~3.66)	5.27 (1.11~5.45)	7.03 (1.4~7.18)
Rated Cooling Capacity		Btu/h	9000	12000	18500	24000
Cooling Power input		KW	0.82 (0.1~1.02)	1.1 (0.28~1.27)	1.67 (0.11~1.82)	2.13 (0.32~2.3)
EER		W/W	3.21	3.21	3.25	3.31
Rated Heating Capacity		KW	3.22 (0.9~3.51)	3.51 (1.05~3.98)	5.42 (1.32~5.85)	7.03 (1.44~7.18)
Rated Heating Capacity		Btu/h	11000	12000	18500	24000
Heating Power input		KW	0.89 (0.14~1.08)	0.97 (0.3~1.18)	1.48 (0.12~1.66)	1.84 (0.38~2)
COP		W/W	3.61	3.61	3.65	3.81
Power supply		V-Ph-Hz	220-240V~, 1Ph, 50Hz			
INDOOR UNIT			**42QCE009D8SE**	**42QCE012D8SE**	**42QCE018D8SE**	**42QCE024D8SE**
Indoor air flow (H/M/L)		m^3/h	515/365/290	550/400/250	915/750/675	1150/840/670
Indoor noise level (H/M/L/S)		dB(A)	38/33.5/21.5	36/32/20	44/38/35	46/39/31
Dimension (W*D*H)		mm	723x199x286	813x201x289	975x218x308	1055x231x330
Packing Dimension (W*D*H)		mm	780x270x365	870x270x365	1035x295x385	1130x405x310
Net/Gross weight		kg	7.5/9.8	8.1/10.5	10.4/13.4	11.9/15.4
OUTDOOR UNIT			**38QCE009D8SE**	**38QCE012D8SE**	**38QCE018D8SE**	**38QCE024D8SE**
Airflow		m^3/h	1800	1800	2100	2500
Outdoor sound pressure level		dB(A)	54	55	57.5	58
Dimension (W*D*H)		mm	720x270x495	720x270x495	765x303x555	805x330x554
Packing Dimension (W*D*H)		mm	835x300x540	835x300x540	887x337x610	915x370x615
Net/Gross weight		kg	19.7/21.6	20.6/22.4	24.6/26.8	32/34.3
Compressor			Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
Refrigerant	Type		R32	R32	R32	R32
	Charged quantity	Kg	0.52	0.53	0.9	1.1
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm (1/4 in)/9.52mm (3/8 in)	6.35mm (1/4 in)/9.52mm (3/8 in)	6.35mm (1/4 in)/12.7mm (1/2 in)	9.52mm (3/8 in)/15.9mm (5/8 in)
	Max. refrigerant pipe length	m	35	35	30	30
	Max. height difference	m	10	10	20	20
Thermostat type			Wireless Controller	Wireless Controller	Wireless Controller	Wireless Controller
Operation range	Indoor (cooling/ heating)	℃	16～32/0～30	16～32/0～30	16～32/0～30	16～32/0～30
	Outdoor (cooling/ heating)	℃	-15～50/-15～24	-15～50/-15～24	0～50/-15～24	0～50/-15～24

Notes:
Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.
Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.
W×D×H = Width×Depth×Height

R32 REFRIGERANT