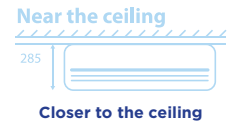


# INVERTER HI-WALL



**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		42QCE012D8SE		42QCE018D8SE		42QCE024D8SE		
		38QCE009D8SE		38QCE012D8SE		38QCE018D8SE		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 <sup>3</sup> /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 <sup>3</sup> /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)	°C	16~32/0~30		16~32/0~30		16~32/0~30		16~32/0~30	
	Outdoor (cooling/heating)	°C	-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

