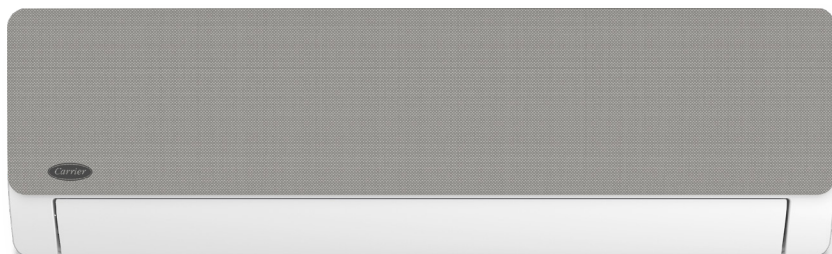


ambi



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



BE+ Ion Cloud Advanced Dual Effect Technology Sterilization releases high energy jet flow plasma to sterilize bacteria & purify the indoor air



100% Gear plus operation function, can be configured to 5 stage power input levels thereby achieving energy savings with autonomous operation



Inverter Technology ensures new flash cooling / flash heating | Cools down to 6.3°C & Warms up to 9.4°C in 10mins



ECO technology sustains cooling output and provides true savings and comfort



Double blade for powerful and dynamic airflow direction



Silent design achieved with larger crossflow fan, and new motor curved design, can go as low as 15-17dB



Extreme performance for cooling and Heating from -25°C to 50°C



Active Clean



Wi-Fi Active



Humidity control



Base Pan Heater



Bluetooth Controller (optional)

TECHNICAL CHARACTERISTICS

SYSTEM		38QCE/ 42QCE009D8SH	38QCE/ 42QCE012D8SH	38QCE/ 42QCE018D8S	38QCE/ 42QCE021D8S
Cool capacity	kW	2,60 (1,00-3,00)	3,52 (0,34-3,94)	5,20 (1,8-5,6)	6,12 (1,7-6,4)
Cool capacity	BTU/h	8.872 (3.412-10.236)	12.011(1.160-13.444)	17.743 (6.142-19.108)	20.882 (5.801-31.838)
Heating capacity	kW	3,75 (1,00-3,80)	3,81 (1,31-4,01)	5,57 (3,1-5,8)	6,49 (2,1-8,2)
Heating capacity	BTU/h	12.796 (3.412-12.966)	13.000 (4.470-13.683)	19.006 (10.578-19.790)	22.145 (7.165-27.980)
SCOP (μεσαία ζώνη)/SCOP (θερμή ζώνη)	W/W	8.5/4.6/5.5	8.5/4.6/6.0	7.1/4.1/5.3	6.4/4.1/4.4
Energy label		A+++ / A++ / A+++	A+++ / A++ / A+++	A++ / A+ / A+++	A++ / A+ / A+
Yearly energy consumption	kWh	107/760/739	144/791/724	107/760/739	333/1605/1432
Standard current (cooling)	A	4.60	5.10	7.20	8.70
Standard input (cooling)	W	690	1170	1630	2060
Standard current (heating)	A	4.80	4.80	6.50	4.20
Standard input (heating)	W	1090	1050	1550	1980
Refrigerant amount	kg	0.54	0.57	0.95	1.15
Liquid side/Gas side	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	30
Max difference	m	10	10	20	20
Additional charge	g/m	12	12	12	12
Voltage	V/Hz	220-240V-, 50Hz	220-240V-, 50Hz	220-240V-, 50Hz	220-240V-, 50Hz
INDOOR UNIT		42QCE009D8SH-G	42QCE012D8SH-G	42QCE018D8S-G	42QCE021D8S-G
Indoor fan motor Input	dB(A)	98	98	98	98
Indoor fan motor max current		0.8	0.8	0.8	0.8
Sound power level		57	56	59	64
Sound pressure level (Min. - Max.)	dB(A)	18-39	18-39	18-43	18-49
Air flow(Min. - Max.)	m³/h	380-880	370-880	380-880	480-1050
Weight	Kg	9.9	9.9	10.1	10.1
Dimensions (W×D×H)	mm	890×210×295	890×210×295	890×210×295	890×210×295
OUTDOOR UNIT		38QCE009D8SH	38QCE012D8SH	38QCE018D8S	38QCE021D8S
Sound power level	dB(A)	64	64	65	69
Sound pressure level	dB(A)	56	56	56	59
Airflow	m³/h	1800	2200	2200	2700
Weight	Kg	20.9	22.3	28.6	41.2
Dimensions (W×D×H)	mm	720×270×495	765x303x555	765×303×555	890×342×673

Notes:

- Sound data @ cooling mode
- -7°C/-15°C/-20°C heating @ free frequency



AHI CARRIER SEE

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