



R32

FEATURES

Performance and reliability

- Inverter technology for constant comfort.
- Userfriendly remote control.
- Smart airflow supply for optimal air distribution.
- Programmable timer for energy savings.
- Washable and easy removable filters.
- Independent dehumidification mode.
- Smart self - diagnostic function and refrigerant leak detection.
- Turbo function in order to reach the desired temperature quickly.
- Auto restart with the previous operation settings in case of power failure.
- Auto mode that allows changing automatically the operation mode and the capacity according to temperature difference between room and set point.
- Sleep mode to maintain the most comfortable temperature during the night.
- Low- ambient control for the unit to operate until -15 °C.



Units

Wireless Remote controls (standard)

Wired remote controls (option)

WIFI optional

TECHNICAL SPECIFICATIONS



INDOOR UNIT	42QHC009DS	42QHC12DS	42QHC18DS	42QHC24DS
OUTDOOR UNIT	38QHC009DS	38QHC12DS	38QHC18DS	38QHC24DS
Cooling capacity	kW 2.7 (1.1 – 3.8)	3.52 (1.1 – 3.9)	5.28 (2.3–5.7)	7.04 (2.8–8.1)
Heating capacity	kW 3.0 (1.0 – 3.9)	3.8 (1.0 – 4.2)	5.5 (2.2–5.8)	7.5 (2.8 – 9.2)
Heating capacity at -15 °C	kW 2.5	2.6	3.2	5.8
P design capacity cooling	kW 2.7	3.5	5.3	7.0
P design capacity heating (average)	kW 2.5	3.0	4.3	5.3
Temp range cooling	°C -15~46	-15~46	-15~46	-15~46
Temp range heating	°C -15~24	-15~24	-15~24	-15~24
SEER / SCOP (warmer) / SCOP (average)	7.2 / 5.1 / 4.0	6.7 / 5.1 / 4.0	7.2 / 5.1 / 4.0	6.7 / 5.1 / 4.0
Energy label	A++ / A+++ / A+	A++ / A+++ / A-	A++ / A+++ / A+	A++ / A+++ / A+
Yearly energy consumption	kWh 131 / 824 / 875	184 / 961 / 1050	257 / 1483 / 1505	368 / 1757 / 1855
Power supply	V-ph-Hz 220-240V, 1ph, 50Hz	220-240V, 1ph, 50Hz	220-240V, 1ph, 50Hz	220-240V, 1ph, 50Hz
Standard current (cooling)	A 5.1	5.3	7.0	10.1
Standard input (cooling)	W 780	1200	1580	2300
Standard current (heating)	A 3.6	4.8	6.6	9.7
Standard input (heating)	W 800	1100	1470	2200
Refrigerant amount R32	kg 0.7	0.8	1.25	1.6
Liquid side / Gas side	inch 1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	3/8"-5/8"
Standard piping length	m 5	5	5	5
Min. piping length	m 3	3	3	3
Max. rising length	m 25	25	30	40
Max. difference	m 10	10	20	20
Additional charge	g/m 12	12	12	24

INDOOR UNIT	42QHC009DS	42QHC12DS	42QHC18DS	42QHC24DS
Sound power level	dB(A) 53	54	57	63
Sound pressure level (high/med/low/s)	dB(A) 39/35/31/22	40/35/31/22	43/39/35/24	48/44/39/29
Airflow (high/med/low/s)	m ³ /h 440/360/280/150	510/420/330/170	750/630/510/330	1100/920/750/450
Weight	kg 7.5	8.5	11.0	13.5
Dimensions (WxDxH)	mm 730x192x291	812x192x300	973x218x319	1082x225x338

OUTDOOR UNIT	38QHC009DS	38QHC12DS	38QHC18DS	38QHC24DS
Sound power level	dB(A) 63	64	65	69
Sound pressure level	dB(A) 54	54	55	58
Airflow	m ³ /h 1900	1900	2100	2700
Weight	kg 27.0	27.0	38.0	52.5
Dimensions (WxDxH)	mm 770x300x655	770x300x655	800x333x654	863x702

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.



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