



FEATURES

Performancy 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



Remote controle



WIFI optional

TECHNICAL SPECIFICATIONS

INDOOR UNIT		42QHC009DS	42QHC012DS	42QHC018DS	42QHC024DS	42QHC030DS
OUTDOOR UNIT		38QHC009DS	38QHC012DS	38QHC018DS	38QHC024DS	38QHC030DS
Cooling capacity	kW	2.7(0.5-3.5)	3.5(0.5-3.8)	5.2(0.8-5.8)	6.4(1.4-6.6)	8
Heating capacity	kW	2.9(0.6-3.8)	3.8(0.6-4.2)	5.5(1.0-6.0)	7.0(1.5-7.0)	8.4
Cooling Class (EER)		A	B	B	B	A
Heating Class		A	B	C	C	A
Annual energy consumption	kWh	840	1015	1505	1820	1225
EER/COP	W/W	3.3 / 3.7	3 / 3.4	3.2 / 3.2	3.1 / 3.3	3.27/3.29
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~1Ph,50Hz
Standard current (cooling)	A	3.7	5.4	7.3	9.3	11.06
Standard input (cooling)	W	820	1250	1625	2060	2450
Standard current (heating)	A	3.5	4.9	7.6	9.7	11.43
Standard input (heating)	W	780	1120	1720	2120	2550
Max Rated current	A	10.0	10.0	12.5	18.0	19
Max Rated input	W	2200	2200	2750	4100	4350
Power Cable (Size x Qty)		1,5mm ² x 3	1,5mm ² x 3	1,5mm ² x 3	2,5mm ² x 3	2.5*3
Interconnecting Cable (Size x Qty)		1,5mm ² x 5	1,5mm ² x 5	1,5mm ² x 5	2,5mm ² x 5	2.5*5
Refrigerant (R410a) amount	kg	0.67	0.68	1.65	2.00	2.15
Liquid side/ Gas side	mm (inch)	6.35/9.52 (1/4"/3/8")	6.35/9.52 (1/4"/3/8")	6.35/12.7 (1/4"/1/2")	9.52/15.9 (3/8"/5/8")	9.52/15.9(3/8"/5/8")
Standard piping length	m	5	5	5	5	5
Min piping length	m	3	3	3	3	3
Max piping length	m	25	25	30	40	40
Max height difference	m	10	10	20	20	20
Additional charge	g/m	15	15	15	30	30

INDOOR UNIT						
Indoor fan motor Input	W	22	22	36	60	116
Indoor fan motor max current	A	0.5	0.5	0.5	0.7	0.4
Sound power level	dB(A)	52	53	56	62	62
Sound pressure level (high/med/low/silence)	dB(A)	38/34/30/21	40/35/31/22	42/37/35/24	47/42/38/26	52/51/43/38
Air flow (high/med/low/whisper)	m ³ /h	460/380/280/190	500/390/300/200	760/550/460/260	1150/890/770/420	1350/1250/950/850
Weight (Net/Gross)	kg	8.0 / 10.5	9.0 / 12.0	11.5 / 16.5	13.5 / 18.5	13.5/18.5
Dimensions (WxDxH)	mm	730×192×291	812×192×300	973×218×319	1082×225×338	1082×225×338
Packing (WxDxH)	mm	800×275×375	880×275×385	1055×305×385	1165×315×420	1165×420×315

OUTDOOR UNIT						
Sound power level	dB(A)	61	62	63	68	69
Sound pressure level	dB(A)	54	54	55	58	61
Airflow	m ³ /h	1700	1900	2100	2700	3200
Weight (Net/Gross)	kg	23.0 / 25.0	26.5 / 28.5	38.0 / 40.5	44.0 / 47.5	62/68
Dimensions (WxDxH)	mm	700×275×550	770×300×555	800×333×554	845×363×702	946×420×810
Packing (WxDxH)	mm	815×325×615	900×348×615	905×375×600	950×380×740	1090×500×865

Notes

Air cooled

Engineered and designed for human comfort

Power Supply to Outdoor

Information above is applicable to a new unit with clean heat exchangers

The above specifications subject to change without prior notice due to on going product improvements

The sound levels reflected are taken in an anechoic chamber



United Technologies

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