

Specification of QHC high wall

OUTDOOR UNIT		38QHC009DS*	38QHC012DS*	38QHC018DS*	38QHC024DS*
Cool capacity	kW	2.70 (0.5-3.5)	3.52 (0.5-3.8)	5.28 (0.8-5.8)	6.40 (1.4-6.6)
Heating capacity	kW	2.90 (0.6-3.8)	3.80 (0.6-4.2)	5.50 (1.0-6.0)	7.00 (1.5-7.1)
Heating capacity at -7℃	kW	2,6	2,9	3,9	4,3
Heating capacity at -10℃	kW	2,3	2,8	3,7	4,2
Heating capacity at -15℃	kW	2,1	2,5	3,5	4,1
P design capacity cooling	kW	2,70	3,52	5,28	6,40
P design capacity heating(warmer)	kW	2,70	3,40	5,60	6,40
P design capacity heating(average)	kW	2,40	2,90	4,30	5,20
Temp range cooling	℃	-15~46	-15~46	-15~46	-15~46
Temp range heating	℃	-15~24	-15~24	-15~24	-15~24
SEER / SCOP(warmer) / SCOP(average)	W/W	7.2 / 5.2 / 4.0	6.7 / 5.1 / 4.0	7.0 / 5.1 / 4.0	6.8 / 4.8 / 4.0
Energy label		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Yearly energy consumption	kWh	131 / 727 / 840	184 / 933 / 1015	264 / 1537 / 1505	329 / 1867 / 1820
EER/COP	W/W	3.29 / 3.73	2.82 / 3.39	3.25 / 3.20	3.11 / 3.30
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	3,7	5,4	7,3	9,3
Standard input (cooling)	W	820	1250	1625	2060
Standard current (heating)	A	3,5	4,9	7,6	9,7
Standard input (heating)	W	780	1120	1720	2120
Rated current	A	10,0	10,0	12,5	18,0
Rated input	W	2200	2200	2750	4100
Refrigerant amount	kg	0,67	0,68	1,65	2,00
Compressor model		ASK89D53UEZ	ASN98D22UFZ	ASM135D23UFZ	ATM150D23UFZ
Refrigerant oil / oil quantity	ml	ESTER OIL VG74 / 280	ESTER OIL VG74 / 370	ESTER OIL VG74 / 450	ESTER OIL VG74 / 500
Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	25	25	30	40
Max difference	m	10	10	20	20
Additional charge	g/m	15	15	15	30

INDOOR UNIT		42QHC009DS*	42QHC012DS*	42QHC018DS*	42QHC024DS*
Indoor fan motor Input	W	22	22	36	60
Indoor fan motor max current	A	0,5	0,5	0,5	0,7
Sound power level	dB(A)	53	54	57	63
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
Air flow (high/med/low/silence)	m ³ /h	460/380/280/190	500/390/300/200	760/550/460/260	1150/890/770/420
Weight (Net/Gross)	kg	8.0 / 10.5	9.0 / 12.0	11.5 / 16.5	13.5 / 18.5
Dimensions (WxDxH)	mm	730x192x291	812x192x300	973x218x319	1082x225x338
Packing (WxDxH)	mm	800x275x375	880x275x385	1055x405x305	1165x420x315

OUTDOOR UNIT		38QHC009DS*	38QHC012DS*	38QHC018DS*	38QHC024DS*
Sound power level	dB(A)	64	64	65	69
Sound pressure level	dB(A)	54	54	55	58
Airflow	m ³ /h	1700	1900	2100	2700
Weight (Net/Gross)	kg	23.0 / 25.0	26.5 / 28.5	38.0 / 40.5	44.0 / 47.5
Dimensions (WxDxH)	mm	700x275x550	770x300x555	800x333x554	845x363x702
Packing (WxDxH)	mm	815x325x615	900x348x615	920x390x615	965x395x765

Note

* Sound data @ cooling mode

*-7℃/-10℃/-15℃ heating @ free frequency