

## Specification of EEV QHM high wall

OUTDOOR UNIT		38QHM009ES*	38QHM012ES*	38QHM018ES*	38QHM024ES*
Cool capacity	kW	2.64 (1.0-3.5)	3.52 (1.0-4.6)	5.30 (1.2-6.5)	7.04 (1.5-7.6)
Heating capacity	kW	3.90 (0.9-5.4)	3.90 (0.9-5.4)	5.40 (1.2-7.0)	7.60 (1.5-8.8)
Heating capacity at -7°C	kW	3,8	3,8	4,5	6,1
Heating capacity at -10°C	kW	3,5	3,5	4,2	5,2
Heating capacity at -15°C	kW	3,2	3,2	4,0	4,8
P design capacity cooling	kW	2,64	3,52	5,30	7,04
P design capacity heating(warmer)	kW	3,00	3,10	5,70	7,30
P design capacity heating(average)	kW	2,40	2,40	4,60	5,50
P design capacity heating(colder)	kW	3,80	3,80	5,20	6,70
Temp range cooling	°C	-20~46	-20~46	-20~46	-20~46
Temp range heating	°C	-20~24	-20~24	-20~24	-20~24
SEER / SCOP(warmer) / SCOP(average) / SCOP(colder)	W/W	9.2 / 6.2 / 4.6 / 3.8	8.5 / 6.0 / 4.6 / 3.8	7.8 / 5.4 / 4.4 / 3.7	7.1 / 5.2 / 4.4 / 3.5
Energy label		A+++ / A+++ / A++ / A	A+++ / A+++ / A++ / A	A++ / A+++ / A+ / A	A++ / A+++ / A+ / A
Yearly energy consumption	kWh	101 / 678 / 731 / 1437	145 / 724 / 731 / 1437	238 / 1478 / 1464 / 2020	347 / 1966 / 1750 / 2751
EER/COP	W/W	4.80 / 4.11	4.14 / 4.11	3.71 / 4.09	3.63 / 3.73
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	2,5	3,8	6,4	8,8
Standard input (cooling)	W	550	850	1430	1940
Standard current (heating)	A	4,2	4,2	6,0	9,6
Standard input (heating)	W	950	950	1320	2040
Rated current	A	11,0	11,0	16,0	18,5
Rated input	W	2400	2400	3500	4100
Refrigerant amount	kg	1,50	1,50	2,10	2,60
Compressor model		ATM115D43UFZ2	ATM115D43UFZ2	ASM135D23UFZ	ATF235D22UMT
Refrigerant oil / oil quantity	ml	ESTER OIL VG74 / 500	ESTER OIL VG74 / 500	ESTER OIL VG74 / 450	ESTER OIL VG74 / 670
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		42QHM009ES*	42QHM012ES*	42QHM018ES*	42QHM024ES*
Indoor fan motor Input	W	60	60	75	75
Indoor fan motor max current	A	0,7	0,7	0,9	0,9
Sound power level	dB(A)	60	60	60	65
Sound pressure level (high/med/low)	dB(A)	41/38/31/21	42/39/32/22	48/43/40/28	49/47/42/30
Air flow (high/med/low)	m <sup>3</sup> /h	830/610/520/340	870/650/550/370	980/850/720/400	1250/1120/850/500
Weight (Net/Gross)	kg	12.5 / 16.5	12.5 / 16.5	18.0 / 24.0	18.0 / 24.0
Dimensions (WxDxH)	mm	990x218x315	990x218x315	1186x258x343	1186x258x343
Packing (WxDxH)	mm	1065x300x400	1065x300x400	1265x420x340	1265x420x340

OUTDOOR UNIT		38QHM009ES*	38QHM012ES*	38QHM018ES*	38QHM024ES*
Sound power level	dB(A)	64	64	65	70
Sound pressure level	dB(A)	54	57	59	60
Airflow	m <sup>3</sup> /h	2000	2100	2700	3500
Weight (Net/Gross)	kg	40.0 / 42.5	40.0 / 42.5	44.0 / 47.0	63.5 / 69.5
Dimensions (WxDxH)	mm	800x333x554	800x333x554	845x363x702	946x420x810
Packing (WxDxH)	mm	920x390x615	920x390x615	965x395x765	1090x500x875

### Note

\* Sound data @ cooling mode

\*-7°C/-10°C/-15°C heating @ free frequency