



SPECIFICATION OF QHF HIGH WALL

INDOOR TYPE		42QHF009DS(G)	42QHF012DS(G)	42QHF018DS(G)	42QHF022DS(G)
OUTDOOR TYPE		38QUS009DS(N)	38QUS012DS(N)	38QUS018DS(N)	38QUS022DS(N)
Cool capacity	kW	2.7 (1.0-3.2)	3.5 (1.0-3.6)	5.1 (1.5-5.3)	6.4 (1.7-6.6)
Heating capacity	kW	2.9 (1.0-3.5)	3.8 (1.0-4.1)	5.2 (1.3-5.6)	6.4 (1.5-6.8)
Heating capacity at -7 °C	kW	2.7	3.2	3.8	4.3
Heating capacity at -10 °C	kW	2.5	3.1	3.5	4.2
Heating capacity at -15 °C	kW	2.2	2.7	3.1	4.1
P design capacity cooling	kW	2.7	3.5	5.1	6.4
P design capacity heating (average)	kW	2.2	2.8	4.2	5.2
P design capacity heating (warmer)	kW	2.3	3.0	4.5	5.6
Temp range cooling	°C	-10~46	-10~46	-10~46	-10~46
Temp range heating	°C	-15~24	-15~24	-15~24	-15~24
SEER / SCOP (average) / SCOP (warmer)	W/W	6.1 / 4.0 / 5.2	6.1 / 4.0 / 5.0	6.2 / 4.0 / 5.0	6.2 / 4.0 / 4.7
Energy label		A++ / A+ / A+++	A++ / A+ / A++	A++ / A+ / A++	A++ / A+ / A++
Yearly energy consumption	kWh	155 / 770 / 619	201 / 980 / 840	288 / 1470 / 1260	361 / 1820 / 1668
EER/COP	W/W	3.3 / 3.8	2.9 / 3.1	2.9 / 3.3	2.9 / 3.1
Voltage / Hz		230V / 50Hz	230V / 50Hz	230V / 50Hz	230V / 50Hz
Standard current (cooling)	A	3.7	5.5	8.1	9.9
Standard input (cooling)	W	810	1210	1760	2200
Standard current (heating)	A	3.5	5.7	7.3	9.2
Standard input (heating)	W	760	1250	1600	2050
Rated current	A	9.5	9.5	12.5	13.0
Rated input	W	2100	2100	2750	2950

INDOOR UNIT		42QHF009DS(G)	42QHF012DS(G)	42QHF018DS(G)	42QHF022DS(G)
Sound power level	dB(A)	57	58	59	63
Sound pressure level (high/med/low/silence)	dB(A)	42/38/34/22	44/40/36/23	45/41/38/24	50/48/43/29
Air flow (high/med/low/silence)	m3/h	470/390/300/180	500/390/300/180	600/500/400/260	900/820/700/450
Weight (Net/Gross)	kg	7.5 / 10.5	7.5 / 10.5	9.5 / 13.0	12.5 / 17.5
Dimensions (WxDxH)	mm	800x188x275	800x188x275	940x205x275	1045x235x315
OUTDOOR UNIT		38QUS009DS(N)	38QUS012DS(N)	38QUS018DS(N)	38QUS022DS(N)
Sound power level	dB(A)	61	62	63	68
Sound pressure level	dB(A)	53	54	55	58
Airflow	m3/h	1800	2000	2000	2500
Weight (Net/Gross)	kg	27.5 / 29.5	30.5 / 33.0	37.0 / 40.0	47.0 / 50.0
Dimensions (WxDxH)	mm	780x250x540	810x310x 558	810x310x558	845x320x700
PIPING					
Refrigerant amount	kg	0.80	1.03	1.70	1.95
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")
Standard piping length	m	5	5	5	5
Min piping length	m	3	3	3	3
Max piping length	m	20	20	25	25
Max difference	m	8	8	10	10
Additional charge	g/m	15	15	15	30

Note

* Model number	Indoor	Outdoor	Remark
Western Europe	42QHFxxxDS	38QUSxxxDS	this is standard
Germany	42QHFxxxDSG	38QUSxxxDS	added 1 digit " G" for ID
Nordic Version	42QHFxxxDS	38QUSxxxDSN	added 1 digit " N" for OD

* Sound data @ cooling mode