

Specification of Cool Easy high wall（R32）

OUTDOOR UNIT		38QHE09D8SH	38QHE12D8SH	38QHE18D8SH	38QHE24D8SH
Cool capacity	kW	2.64(1.32~3.81)	3.50(1.32~3.96)	5.20(3.75~6.13)	6.85(2.11~8.21)
Heating capacity	kW	3.00(0.88~4.40)	3.85(0.88~4.54)	5.65(2.58~6.77)	7.30(1.55~8.21)
P design capacity cooling	kW	2.64	3.50	5.20	6.85
P design capacity heating(warmer)	kW	2.55	2.50	4.47	5.55
P design capacity heating(average)	kW	2.40	2.40	4.30	5.00
Temp range cooling	℃	-15~50	-15~50	-15~50	-15~50
Temp range heating	℃	-15~24	-15~24	-15~24	-15~24
SEER / SCOP(warmer) / SCOP(average)	W/W	9.0/6.0/4.6	8.5 / 5.4 / 4.6	8.5/5.6/4.4	8.6/5.4/4.2
Energy label		A+++/A+++/A++	A+++/A+++/A++	A+++/A+++/A+	A+++/A+++/A+
Yearly energy consumption	kWh	103/595/731	144/ 648/ 731	215/1118/1369	279 / 1439 / 1667
EER/COP	W/W	4.80/4.51	4.07/4.01	4.00/3.77	4.03/3.74
Voltage, Hz		220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz	220-240V,1Ph,50/60Hz
Standard current (cooling)	A	2.65	3.90	5.70	7.30
Standard input (cooling)	W	550	860	1300	1700
Standard current (heating)	A	3.05	4.40	6.50	8.60
Standard input (heating)	W	665	960	1500	1950
Rated current	A	10.5	10.5	13.0	19.0
Rated input	W	2300	2300	2800	3700
Refrigerant amount	kg	0.69	0.69	1.1	1.5
Compressor model		KSN98D22UFZ	KSN98D22UFZ	KSN140D58UFZ	KTM240D43UKT
Refrigerant oil/oil quantity	ml	RB74A F/370	RB74A F/370	VG74/440	VG74/620
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")	Φ6.35/Φ15.9(1/4"/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	50
Max difference	m	10	10	20	25
Additional charge	g/m	12	12	12	12

INDOOR UNIT		42QHE09D8SH	42QHE12D8SH	42QHE18D8SH	42QHE24D8SH
Indoor fan motor Input	W	50.0	50.0	36.0	58.0
Indoor fan motor max current	A	0.16	0.16	0.11	0.21
Sound power level	dB(A)	60	60	60	65
Sound pressure level (Min. ~ Max.)	dB(A)	21~37	22~40	22~41	21~42
Air flow(Min. ~ Max.)	m³/h	280~530	290~560	400~685	380~1090
Weight (Net/Gross)	kg	10.2/13.0	10.2/13.0	12.3/16.4	20.0/25.3
Dimensions (W×D×H)	mm	795x225x295	795x225x295	965x239x319	1140x275x370
Packing (W×D×H)	mm	870x370x305	870x370x305	1045x400x325	1230x455x355

revised D and H

OUTDOOR UNIT		38QHE09D8SH	38QHE12D8SH	38QHE18D8SH	38QHE24D8SH
Sound power level	dB(A)	65	65	65	69
Sound pressure level	dB(A)	57.0	57.5	56.0	58.5
Airflow	m³/h	2200	2200	3500	3500
Weight (Net/Gross)	kg	28.4/31	28.4/31.0	38.8/41.9	45.6/48.8
Dimensions (W×D×H)	mm	805x330x554	805x330x554	890x342x673	890x342x673
Packing (W×D×H)	mm	915x370x615	915x370x615	995x398x740	995x398x740

Note
* Sound data @ cooling mode
* -7℃/-15℃/-20℃ heating @ free frequency