

Specification of 18C high wall (R32)

SYSTEM		42/38QHG007D8S	42/38QHG009D8S	42/38QHG012D8S	42/38QHG018D8S	42/38QHG024D8S
Cool capacity	kW	2.05 (1.0-3.2)	2.75 (1.0-3.2)	3.65 (1.4-4.3)	5.28 (3.4-5.9)	7.04 (2.1-8.2)
Heating capacity	kW	2.75 (0.8-3.4)	2.90 (0.8-3.4)	3.90 (1.1-4.4)	5.46 (3.1-5.8)	7.50 (1.5-8.2)
P design capacity cooling	kW	2.05	2.75	3.65	5.28	7.04
P design capacity heating(warmer)	kW	2.50	2.50	2.50	4.50	6.40
P design capacity heating(average)	kW	2.50	2.50	2.50	4.10	5.20
Temp range cooling	℃	-15~50	-15~50	-15~50	-15~50	-15~50
Temp range heating	℃	-15~24	-15~24	-15~24	-15~24	-15~24
SEER / SCOP(warmer) / SCOP(average)	W/W	7.4 / 5.2 / 4.0	7.4 / 5.3 / 4.1	7.0 / 5.5 / 4.2	7.0 / 5.1 / 4.0	6.5 / 5.1 / 4.0
Energy label		A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+	A++ / A+++ / A+
Yearly energy consumption	kWh	97 / 673 / 875	130 / 660 / 854	182 / 636 / 833	264 / 1235 / 1435	379 / 1757 / 1820
EER/COP	W/W	4.02 / 4.01	3.59 / 3.87	3.23 / 3.71	3.40 / 3.82	2.82 / 3.41
Voltage, Hz		220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz	220-240V~, 50/60Hz
Standard current (cooling)	A	2.30	3.50	5.00	6.80	10.90
Standard input (cooling)	W	510	765	1130	1550	2500
Standard current (heating)	A	3.00	3.40	4.60	6.30	9.60
Standard input (heating)	W	685	750	1050	1430	2200
Rated current	A	10.0	10.0	10.0	13.0	19.0
Rated input	W	2150	2150	2150	2500	3700
Refrigerant amount	kg	0.60	0.60	0.65	1.10	1.45
Compressor model		KSK103D33UEZ3	KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTM240D57UMT
Refrigerant oil/oil quantity	ml	ESTER OIL VG74 280±5	ESTER OIL VG74 280±5	ESTER OIL VG74 280±5	ESTER OIL VG74 440±15	ESTER OIL VG74 670±15
Liquid side/Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	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	5
Min piping length	m	3	3	3	3	3
Max piping length	m	25	25	25	30	40
Max difference	m	10	10	10	20	20
Additional charge	g/m	12	12	12	12	24

INDOOR UNIT		42QHG007D8S	42QHG009D8S	42QHG012D8S	42QHG018D8S	42QHG024D8S
Indoor fan motor Input	W	22	22	20	36	60
Indoor fan motor max current	A	0.5	0.5	0.5	0.5	0.7
Sound power level	dB(A)	56	56	56	58	63
Sound pressure level (Min. ~ Max.)	dB(A)	20~37	20~37	20~37	21~41	22~47
Air flow(Min. ~ Max.)	m³/h	180~460	180~460	195~530	300~800	480~1090
Weight (Net/Gross)	kg	8.0/10.5	8.0/10.5	8.7/11.5	11.2 / 14.6	13.6 / 17.3
Dimensions (W×D×H)	mm	726×210×291	726×210×291	835×208×295	969×241×320	1083×244×336
Packing (W×D×H)	mm	790×270×375	790×270×375	905×290×355	1045×315×405	1155×315×415

OUTDOOR UNIT		38QHG007D8S	38QHG009D8S	38QHG012D8S	38QHG018D8S	38QHG024D8S
Sound power level	dB(A)	63	63	64	65	69
Sound pressure level	dB(A)	55.5	55.5	56	57	60
Airflow	m³/h	1750	1750	1800	2100	3500
Weight (Net/Gross)	kg	23.5/25.4	23.5/25.4	23.7/25.5	33.5 / 36.1	43.9 / 46.9
Dimensions (W×D×H)	mm	720×270×495	720×270×495	720×270×495	805×330×554	890×342×673
Packing (W×D×H)	mm	835×300×540	835×300×540	835×300×540	915×370×615	995×398×740

Note

* Sound data @ cooling mode