

# INVERTER HI-WALL



CRYSTAL Ultra Clean Plus



UV Lamp



3D Airflow



Wind Avoid Me

## Energy saving & healthy living, all in one

Now you can maintain the desired temperature by keeping your energy costs down... and not only this! CRYSTAL ULTRA CLEAN Plus is an energy-efficient model with a SEER up to 7.4 and energy class of A++/ A+++ (cooling/heating). The use of UV lamps can reduce or prevent microorganisms from circulating within your home or office. The 3D air flow function, it provides, has an auto horizontal swing and auto vertical swing function, which supplies every space with a more even and comfortable air flow.



### FEATURES



UV Lamp



Ionizer Filter



Wi-Fi Active



Golden Fin



Fan Blades



9 Grades of Outdoor Fan Speed



Low Ambient Cooling/Heating



Triple Filter Action: Cold Catalyst, Negative Ion, Vitamin C



Follow Me



Sleep Mode



X-ECO



Turbo



3D Air Flow



Wind Avoid Me (Breeze Away)



Timer



Dry Mode



Quiet Mode



Active Clean



Auto Diagnosis & Self Protection



Auto Defrosting



Auto Restart



Remote Control Locking



Refrigerant Leakage Detection



1W Stand By



Comfort Hotel Manager:



Temperature Limit Lock & Filter Reminder on Hi Walls

## TECHNICAL CHARACTERISTICS

SYSTEM		38QHГ/ 42QHГ009D8SU2	38QHГ/ 42QHГ012D8SU2	38QHГ/ 42QHГ018D8SU2	38QHГ/ 42QHГ024D8SU2
Cooling capacity	kW	2,75 (1,00-3,20)	3,65 (1,40-4,30)	5,28 (2,40-6,10)	7,04 (2,10-8,20)
Cooling capacity	BTU/h	9.383 (3.412 - 10.918)	12.454 (4.777 - 14.671)	18.015 (8.189 - 20.813)	24.020 (7.165 - 27.978)
Heating capacity	kW	2,90 (0,80-3,40)	3,90 (1,10-4,40)	5,70 (2,10-6,70)	7,50 (1,50-8,20)
Heating capacity	BTU/h	9.895 (2.729 - 11.600)	13.306 (3.753 - 15.017)	19.448 (7.165 - 22.8620)	25.590 (5.118 - 29.978)
Heating capacity at -7°C	kW	2,50	2,70	4,30	5,80
Heating capacity at -15°C	kW	2,00	2,10	3,50	5,50
Heating capacity at -20°C	kW	1,65	1,70	2,50	4,50
Temp range cooling	°C	-15 - 50	-15 - 50	-15 - 50	-15 - 50
Temp range heating	°C	-15 - 24	-15 - 24	-15 - 24	-15 - 24
SEER / SCOP (warmer) / SCOP (average)	W/W	7.40/5.30/4.10	7/5.50/4.20	7/5.10/4	6.50/5.10/4
Energy label		A++/A+++/A+	A++/A+++/A+	A++/A+++/A+	A++/A+++/A+
Yearly energy consumption	kWh	130/660/854	182/636/833	264/1235/1435	379/1757/1820
Standard current (cooling)	A	3.50	5	6.80	10.90
Standard input (cooling)	W	765	1130	1550	2500
Standard current (heating)	A	3.40	4.60	7.40	9.60
Standard input (heating)	W	760	1050	1700	2200
Refrigerant amount	kg	0.60	0.65	1.10	1.45
Flare connections (liquid-gas)		1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	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	30
Max difference	m	10	10	20	20
Additional charge	g/m	12	12	12	24
Power supply	V/Hz	220-240/50-60	220-240/50-60	220-240/50-60	220-240/50-60
<b>INDOOR UNIT</b>		<b>42QHГ009D8SU2</b>	<b>42QHГ012D8SU2</b>	<b>42QHГ018D8SU2</b>	<b>42QHГ024D8SU2</b>
Sound power level	dB(A)	56	56	58	63
Sound pressure level (Max, - Min,)	dB(A)	37/32/28/20	37/32/28/20	41/35/28/21	47/41/35/22
Air flow (Max, - Min,)	m³/h	460/330/260/180	530/400/350/195	800/600/500/300	1090/770/610/480
Weight	kg	8.00	8.70	11.20	13.60
Dimensions (W × D × H)	mm	726 × 210 × 291	835 × 208 × 295	969 × 241 × 320	1083 × 244 × 336
<b>OUTDOOR UNIT</b>		<b>38QHГ009D8SU</b>	<b>38QHГ012D8SU</b>	<b>38QHГ018D8SU</b>	<b>38QHГ024D8SU</b>
Sound power level	dB(A)	63	64	65	69
Sound pressure level (nominal)**	dB(A)	52	53	53	58
Airflow	m³/h	1750	1800	2100	3500
Weight	kg	23.50	23.70	33.50	43.90
Dimensions (W × D × H)	mm	720 × 270 × 495	720 × 270 × 495	805 × 330 × 554	890 × 342 × 673

**Notes:**

- Sound data @ cooling mode
- -7°C/-15°C/-20°C heating @ free frequency

\*\* Nominal means the noise value at rated cooling mode when compressor running at nominal frequency.

