



# GOLD<sup>ND</sup>



3D Airflow



Ionizer



Base Pan Heater  
& Crankcase Heater



## SUPERIOR ENERGY EFFICIENCY

With top-tier A+++ energy ratings in both Cooling and Heating, GOLD ND series stands as the ultimate next-generation air conditioning solution. The new GOLD ND series features a sleek indoor unit design, uses the eco-friendly R-32 refrigerant, and includes Wi-Fi Active functionality. Its modern, stylish remote control and advanced 3D airflow system enable both automatic horizontal and vertical swing, ensuring a more balanced and comfortable air distribution throughout any room.



### FEATURES



Triple Filter Action: Cold Catalyst, Active Carbon, Silver Ion



Ionizer



Base Pan Heater



Crankcase Heater



ECO



3D Airflow



Wi-Fi Active



Gear Operation



Turbo



Follow Me



Active Clean



Wind Avoid Me (Breeze Away)



1W Standby



Comfort Hotel Manager: Temperature Limit Lock & Filter Reminder on Hi-Walls



Refrigerant Leakage Detection



Louver Position Memory Function



Auto-Restart



Sleep Mode



8°C Heating Function



Low Ambient Cooling/Heating

## TECHNICAL CHARACTERISTICS

SYSTEM		38QHE/ 42QHE09D8SHA	38QHE/ 42QHE12D8SHA	38QHE/ 42QHE18D8SHA	38QHE/ 42QHE24D8SHA
Cooling Capacity	Btu/h	8.871 (4.503-13.000)	11.942 (4.503-13.511)	18.084 (12.795-20.916)	24.225 (7.233-27.978)
	kW	2.6 (1.32-3.81)	3.5 (1.32-3.96)	5.3 (3.75-6.13)	7.1 (2.12-8.20)
Heating Capacity	Btu/h	10.236 (3.003-15.013)	13.307 (3.003-15.490)	19.790 (8.803-23.099)	26.272 (5.323-28.012)
	kW	3.0 (0.88-4.40)	3.9 (0.88-4.54)	5.8 (2.58-6.77)	7.7 (1.56-8.21)
SEER	W/W	9.0	8.5	8.5	8.6
Energy Efficiency Class		A+++	A+++	A+++	A+++
SCOP (Average)	W/W	4.6	4.6	4.6	4.6
Energy Efficiency Class		A++	A++	A++	A++
SCOP (Warmer)	W/W	6	5.4	5.6	5.3
Energy Efficiency Class		A+++	A+++	A+++	A+++
Rated Power Input	W	2.300	2.300	2.800	4.150
Rated Current	A	10.5	10.5	13.0	18.0
RefrigerantType		R32	R32	R32	R32
Charged quantity	kg	0.69	0.69	1.10	1.70
Liquid side/ Gas side	inch	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
Max. refrigerant pipe length	m	25	25	30	50
Max. difference in level	m	10	10	20	25
Temp range cooling	°C	-15-50	-15-50	-15-50	-15-50
Temp range heating	°C	-15-24	-15-24	-15-24	-30-24
Temp range heating (when have Crankcase and Base Pan Heater)	°C	-25-24	-25-24	-25-24	-30-24
Power supply	V-Ph-Hz	220_240V_50HZ	220_240V_50HZ	220_240V_50HZ	220_240V_50HZ
<b>INDOOR UNIT</b>		<b>42QHE09D8SHA</b>	<b>42QHE12D8SHA</b>	<b>42QHE18D8SHA</b>	<b>42QHE24D8SHA</b>
Air flow (Min - Max)	m <sup>3</sup> /h	280-530	290-560	400-685	380-1090
Sound pressure level (Min. - Max.)	dB(A)	21-37	22-39	22-41	29-44
Sound power level	dB(A)	60	60	60	64
Dimension (W*D*H)	mm	848x233x299	848x233x299	1017x247x320	1190x285x371
Weight	kg	10.2	10.2	12.3	20.0
<b>OUTDOOR UNIT</b>		<b>38QHE09D8SHA</b>	<b>38QHE12D8SHA</b>	<b>38QHE18D8SHA</b>	<b>38QHE24D8SHA</b>
Airflow	m <sup>3</sup> /h	2.200	2.200	3.500	3.800
Sound power level	dB(A)	65	65	65	66
Sound pressure level(Max)	dB(A)	57	57.5	56	59.5
Sound pressure level(Nominal )	dB(A)	50	50	52	56.8
Dimension (W*D*H)	mm	805x330x554	805x330x554	890x342x673	946x410x810
Weight	kg	28.4	28.4	38.8	53.5

### Notes:

1. Sound pressure level data measured according to ISO 3745:2012.
2. Max refer to the max noise value when compressor running at free frequency.
3. Nominal means the noise value at rated cooling mode when compressor running at nominal frequency.
4. The performance and sound power level according to EU regulations.
5. Sound data @ cooling mode.



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