



REVOLUTION SERIE - WALL MOUNTED HEAT PUMP

CAPACITY

9.000 - 12.000 - 18.000 - 24.000 Btu

OPERATION MODE

- . Cooling
- . Heating
- . Dehumidifying
- . Fan
- . Automatic

CONTROL

Remote Control
 WIFI Included
 Optional Wired Controller

WARRANTY

10 YEARS COMPRESSOR
 10 YEARS PARTS

FEATURES

TECHNOLOGY

Electronic expansion valve
 Two stages compressor - INVERTER

EFFICIENCY

Cooling -18°C (0°F) to 54°C (129°F)
 Heating -30°C (-22°F) to 24°C (75°F)

ADVANTAGES

Ultra Heat
 NEEP & ENERGY STAR Certified



38-22 SEER
IN COOLING



15-12 HSPF
IN HEATING



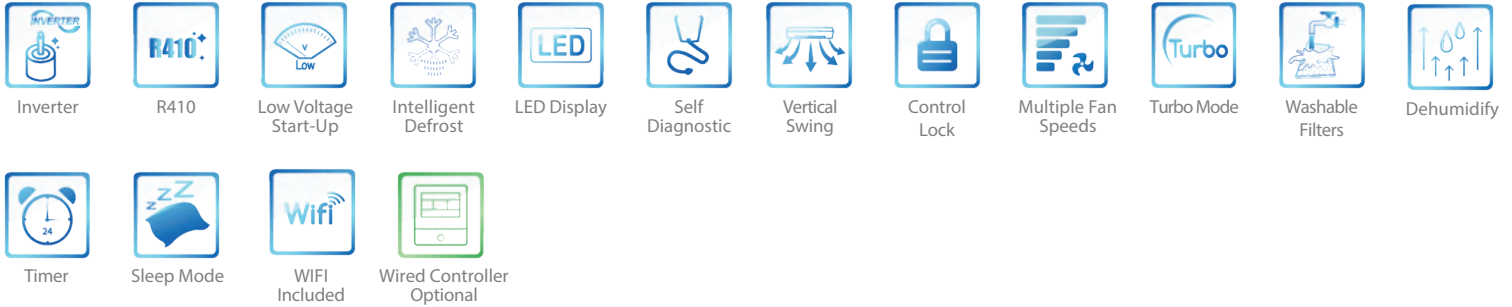
-30°C

Heating



*5 years Compressor - 1 year Parts for commercial use

SPECIFICATIONS



MODEL		9 000 BTU	12 000 BTU	18 000 BTU	24 000 BTU
		UHD09KCH38S	UHD12KCH31S	UHD18KCH25S	UHD24KCH22S
AHRI Certified Reference Number		202110483	202110484	202110485	202132789
System Performance					
Cooling Capacity	Btu/h	9,000 (1,535 - 12,996)	12,000 (2,900 - 15,354)	18,000 (4,094 - 21,837)	22,000 (6,800 - 30,700)
Heating Capacity	Btu/h	9,000 (2,388 - 13,648)	12,200 (3,071 - 18,766)	18,000 (4,094 - 24,566)	24,000 (6,800 - 32,000)
Dehumidification	Pt/h	1.69	2.96	3.80	5.20
SEER / EER	- / (Btu/h)/W	38 / 16.50	30.5 / 15.30	24.5 / 13.53	21.5 / 13.00
HSPF / COP	- / (W/W)	15 / 4.47	14 / 3.80	12 / 3.52	12 / 3.5
Cooling Operating Range	°F / °C	0~129 / -18~54	0~129 / -18~54	0~129 / -18~54	0~129 / -18~54
Heating Operating Range	°F / °C	-22~75 / -30~24	-22~75 / -30~24	-22~75 / -30~24	-22~75 / -30~24
Indoor Unit					
Airflow (L/H)	CFM	206 / 424	235 / 500	353 / 736	383 / 824
Sound Pressure Level (L/H)	dB(A)	19 / 43	22 / 49	34 / 51	34 / 52
Unit Dimensions (WxHxD)	in.	39.2 × 11.8 × 8.8	39.2 × 11.8 × 8.8	43.3 × 12.8 × 9.8	43.3 × 12.8 × 9.8
Net / Gross Weight	lbs	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	36.4 / 43
Outdoor Unit					
Sound Pressure Level	dB(A)	53	53	59	59
Unit Dimensions (WxHxD)	in.	35.3 × 23.4 × 14.8	35.3 × 23.4 × 14.8	38.5 × 31.1 × 16.8	38.5 × 31.1 × 16.8
Net / Gross Weight	lbs	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8
Refrigerant / Charge 24.6 Ft.	- / oz	R410A / 45.9	R410A / 49.4	R410A / 74.1	R410A / 81.1
Piping					
Line Set Size (Liquid - Gas)	in.	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"
Max. Pipe Length	ft	98.4	98.4	131.2	164
Max. Elevation	ft	49.2	49.2	65.6	98.4
Additional Refrigerant	(oz./ft.)	0.2	0.2	0.5	0.5
Electrical Information					
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current	A	6.2	6.5	10.8	16.4
MCA / MOCP	A / A	9 / 15	9 / 15	22 / 30	22 / 35
Wire Size/# Wires		14AWG*4 Stranded, unshielded			



6900 Decarie Blvd, Suite# 3280
Côte Saint-Luc Quebec H3X 2T8

+1(514) 865 8585
info@airmagique.com
www.airmagique.com

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