

VULCAN SERIE — SINGLE ZONE SYSTEM

38-21.5 SEER
9,000 BTU TO 24,000 BTU
Heatpump



COMPRESSOR TWO STAGES

A high-end compressor, suitable for extreme cold climates both in heating and cooling.



Compressor 2 stages



Compressor 1 stage

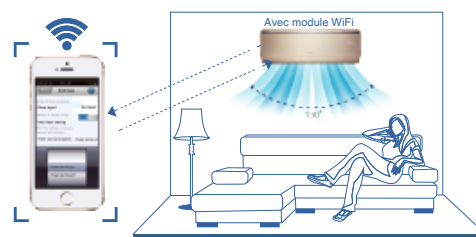
	INVERTER COMPRESSOR 2 STAGES	INVERTER COMPRESSOR 1 STAGE
Temperature Range	-30°C to 54°C Reliable operation within -30°C and -54°C	-15°C to 43°C Reliable operation within -15°C to -43°C
Cooling and heating Capacity	Heating capacity is improved by 30% Cooling capacity is improved by 35%	Heating capacity and cooling capacity is not improved
Air outlet Temperature	The highest temperature at outlet can reach 52°C in heating mode The highest temperature at outlet can reach 12°C in cooling mode	The highest temperature at outlet can reach 40°C in heating mode The highest temperature at outlet can reach 17°C in cooling mode

ULTRA HEAT

We call Ultra Heat a unit that can deliver optimal performance in extreme conditions. Indeed, the Vulcan serie gives you 100% efficiency at -20 °C and 80% efficiency at -30 °C. Its HSPF oscillating between 16.5 and 13 will offer you a great comfort and will allow you to reduce considerably your electric bill.

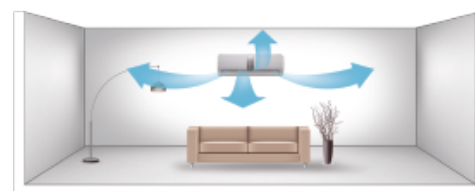
WIFI

The Vulcan serie has an integrated Wifi. This allows you to control remotely your wallmount unit. Whether you are at home or away from home, always have control over the temperature of your home and therefore your comfort.



SWING

The Vulcan serie offers a swing from bottom to top but also from left to right. This function allows you to direct the air optimally towards the chosen areas.



LED Display



Self-diagnostic



Control Lock



Timer



Intelligent pre-heating



Comfortable sleep mode



Optional Wired controller



Auto Cleaning



Intelligent Defrost

WIRRED CONTROLLER

Get more functionality and control over your Vulcan Wall Mount by adding one of two optional wall controllers available.

ARXK76

- 7-Day Programming Cycle
- Energy saving mode
- Diagnostic center
- LED Display

ARXK41

- Fast control
- Diagnostic center
- Programmable Fonctions
- LED Display



ARXK76



ARXK41

MODEL		UHD09KCH38S	UHD12KCH31S	UHD18KCH25S	UHD24KCH22S
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Cooling Current	A	6.2	6.5	10.8	16.4
Rated Current Heating	A	6.9	6.9	10.8	16.4
System Performance					
Cooling operation range	°C/°F	-18~54 / 0~129	-18~54 / 0~129	-18~54 / 0~129	-18~54 / 0~129
Heating operation range	°C/°F	-30~24 / -22~75	-30~24 / -22~75	-30~24 / -22~75	-30~24 / -22~75
Dehumidification	Pt/h	1.69	2.96	3.8	5.2
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)
SEER/EER		38 / 16.50	30.5 / 15.30	24.5 / 13.53	21.5 / 13.00
HSPF/COP		15 / 4.47	14 / 3.80	12 / 3.52	12 / 3.5
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					
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	53	59	59
Unit Dimensions	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	oz.	R410A / 45.9	R410A / 49.4	R410A / 74.1	R410A / 81.1
Line Set Size (Liquid - Gas)	in.	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"
Max. Line Run	ft	98.4	98.4	131.2	164
Max. Elevation	ft	49.2	49.2	65.6	98.4
MCA	A	9	9	22	22
MOCP	A	15	15	30	35
Wire Size/# Wires	14AWG*4 Stranded, unshielded				



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