

CENTURION SERIE - WALL MOUNTED HEAT PUMP

CAPACITY

9.000 - 12.000 - 18.000 - 24.000

OPERATION MODE

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

CONTROL

Remote Control
Optional Wired Controller

SUBSIDIES

The Centurion series from WILLIS is eligible for certain government programs.

FEATURES

TECHNOLOGY

Electronic Expansion Valve
Variable Scroll Compressor - INVERTER

EFFICIENCY

Cooling -18°C (0°F) à 46°C (115°F)
Heating -25°C (-13°F) à 24°C (75°F)

ADVANTAGES

Efficiency and comfort
Wifi included



19.5-17.5 SEER2
IN COOLING



8.8-8.5 HSPF2
IN HEATING

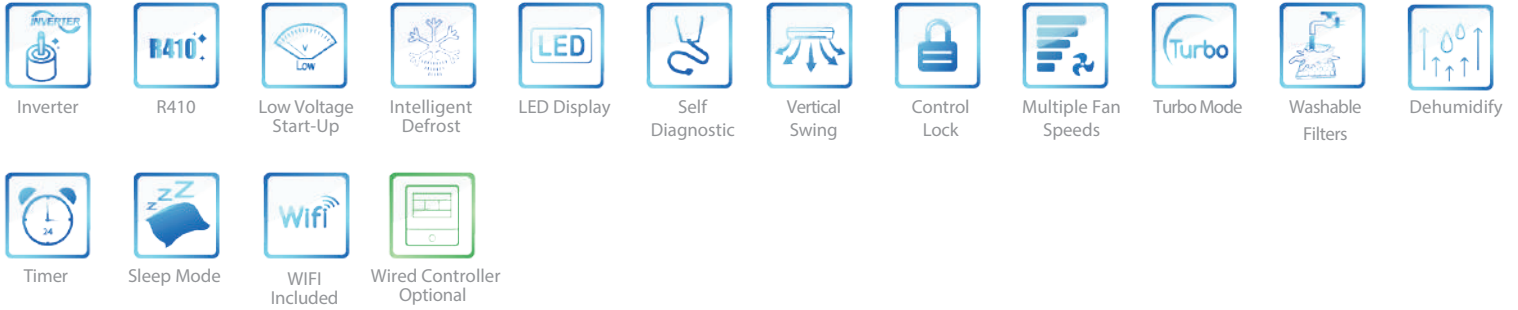


-25°C

Heating



SPECIFICATIONS



MODEL		9 000 BTU	12 000 BTU	18 000 BTU	24 000 BTU
		CHW09KCH20S2	CHW12KCH18S2	CHW18KCH18S2	CHW24KCH18S2
AHRI Certified Reference Number		214609734	214610239	214609735	214610238
System Performance					
Cooling Capacity	Btu/h	9,100 (2800-10300)	12,000 (2388-13307)	17,600 (3753-19960)	22,000 (6824-25249)
Heating Capacity	Btu/h	10,000 (2200-12200)	12,000 (2388-15013)	19,100 (2730-22519)	24,000 (5971-27296)
Dehumidification	Pt/h	1.69 (0.80)	2.96 (1.40)	3.80 (1.80)	5.28 (2.50)
SEER2 / SEER	-	19.5 / 19.5	17.5 / 17.5	17.5 / 17.5	18 / 18
HSPF2 / HSPF	-	8.8 / 10	8.5 / 10	8.5 / 9.0	8.5 / 10
EER	W/W	3.75	3.50	3.20	3.43
COP	W/W	3.30	2.64	2.95	3.40
Cooling Operation Range	°F / °C	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46
Heating Operation Range	°F / °C	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24
Indoor Unit					
Airflow (Min-Max)	CFM	159 / 353	182 / 424	284 / 618	412 / 677
Sound Pressure (Min-Max)	dB(A)	36 / 51	37 / 57	42 / 60	46 / 61
Unit Dimentions (WxHxD)	in.	32-7/8 x 10-7/8 x 7-7/8	32-7/8 x 10-7/8 x 7-7/8	37-1/8 x 13-1/8 x 9-3/4	42-1/2 x 13-1/8 x 9-3/4
Net Weight / Gross Weight	lbs	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	33 / 39.7
Outdoor Unit					
Sound Pressure	dB(A)	51	52	57	57
Unit Dimentions (WxHxD)	in.	27-7/8 x 21-7/8 x 13	27-7/8 x 21-7/8 x 13	31-5/8 x 21-7/8 x 13-7/8	37-3/4 x 26 x 15-7/8
Net Weight / Gross Weight	lbs	56.2 / 61.7	57.3 / 62.8	71.7 / 77.2	97 / 106.9
Refrigerant / Charge 25 Ft.	- / oz	R410A / 24.7	R410A / 27.5	R410A / 44.1	R410A / 52.9
Piping					
Line Set Size (Liquid - Gas)	in.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"
Max. Pipe Length	ft	66	66	82	82
Max. Elevation	ft	66	66	66	66
Additional Refrigerant	(oz./ft.)	0.2	0.2	0.2	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	6.5	6.7	9.5	12
MCA / MOCP	A / A	9 / 15	11 / 15	14 / 20	15 / 20
Wire Size / # Wires		14AWG*4 Twisted, unshielded			



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