



COMMODORE23 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
 Optional Wired Controller
 Optional Wifi

WARRANTY

10 YEARS COMPRESSOR
 10 YEARS PARTS

FEATURES

TECHNOLOGY

Electronic expansion valve
 Variable Scroll Compressor - INVERTER

EFFICIENCY

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

ADVANTAGES

Heating Efficiency
 NEEP & ENERGY STAR Certified



23-18 SEER
 IN COOLING



11 HSPF
 IN HEATING

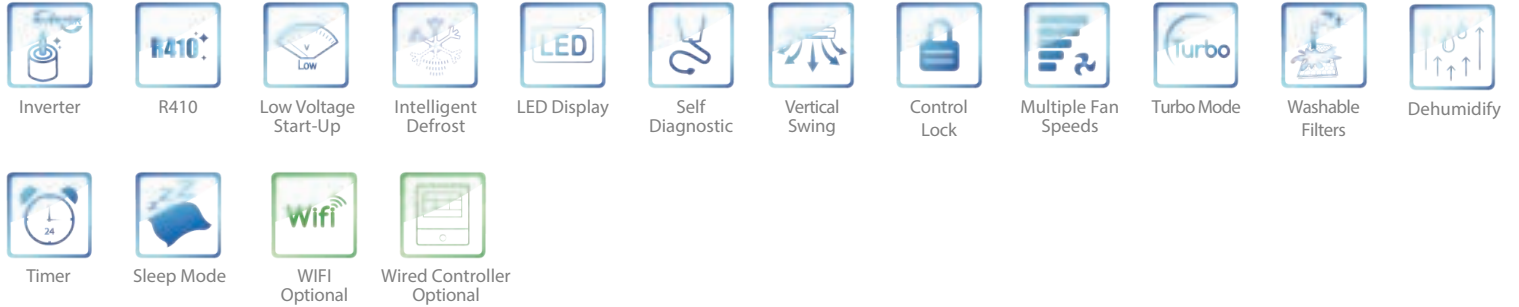


Heating



*5 years Compressor - 1 year Parts for commercial use

SPECIFICATIONS



MODEL		9 000 BTU	12 000 BTU	18 000 BTU	24 000 BTU	30 000 BTU	36 000 BTU
		OCD09KCH23S	OCD12KCH22S	OCD18KCH20S	OCD24KCH20S	OCD30KCH18S	OCD36KCH18S
AHRI Certified Reference Number		201863350	201863351	201863352	201863353	202110509	202110510
System Performance							
Cooling Capacity	Btu/h	9,000 (3,100 - 9,600)	12,000 (3,100 - 13,000)	18,000 (6,800 - 20,000)	22,000 (6,820 - 27,000)	28,000 (9,485 - 30,026)	33,600 (7,404 - 35,997)
Heating Capacity	Btu/h	11,000 (1,911 - 12,000)	13,000 (2,400 - 14,000)	19,800 (7,340 - 23,500)	23,000 (6,820 - 30,710)	28,400 (9,997 - 32,994)	34,600 (14,979 - 35,997)
Dehumidification	Pt/h	1.69	2.96	3.80	4.23	6.34	7.40
SEER / EER	- / (Btu/h)/W	23 / 14.29	22 / 12.50	20 / 12.50	20 / 12.50	18 / 10.37	18 / 8.20
HSPF / COP	- / (W/W)	10.5 / 3.16	11.0 / 3.46	10.0 / 3.35	10.0 / 3.37	9.0 / 2.97	9.0 / 2.67
Cooling Operating Range	°F / °C	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46	0~115 / -18~46
Heating Operating Range	°F / °C	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24	-13~75 / -25~24
Indoor Unit							
Airflow (L/H)	CFM	171 / 377	171 / 400	335 / 559	530 / 706	412 / 706	412 / 736
Sound Pressure Level (L/H)	dB(A)	29 / 43	29 / 45	39 / 47	36 / 48	37 / 51	37 / 54
Unit Dimensions (WxHxD)	in.	33.4 x 11.4 x 8.2	33.4 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.1 x 12.8 x 10	53.1 x 12.8 x 10
Net / Gross Weight	lbs	22.1 / 26.5	27.6 / 34.2	27.6 / 34.2	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
Outdoor Unit							
Sound Pressure Level	dB(A)	53	54	55	59	62	65
Unit Dimensions (WxHxD)	in.	33.4 x 21.3 x 12.6	33.4 x 23.6 x 12.6	37.6 x 27.6 x 15.6	43.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Net / Gross Weight	lbs	78 / 84	86 / 93	105 / 115	142 / 153	154 / 165	161 / 172
Refrigerant /Charge 24.6 Ft.	- / oz	R410A / 45.9	R410A / 47.6	R410A / 56.4	R410A / 77.6	R410A / 84.6	R410A / 91.7
Piping							
Line Set Size (Liquid - Gas)	in.	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"
Max. Pipe Length	ft	49.2	65.6	82	82	98.4	98.4
Max. Elevation	ft	32.8	32.8	32.8	32.8	32.8	32.8
Additional Refrigerant	(oz./ft.)	0.2	0.2	0.2	0.5	0.5	0.5
Electrical Information							
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current	A	6.0	6.3	10.39	14.49	17	20
MCA / MOCP	A / A	9 / 15	9 / 15	16 / 25	20 / 30	20 / 30	24 / 40
Wire Size/# Wires		14AWG*4 Stranded, unshielded					



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