



## 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



23-18 SEER  
IN COOLING



11 HSPF  
IN HEATING

-25°C

Heating

## 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)

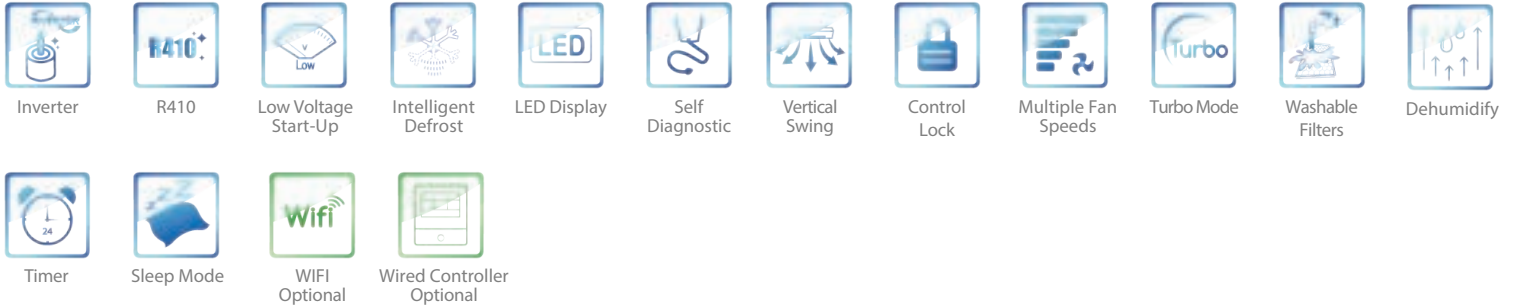
### ADVANTAGES

Heating Efficiency  
 NEEP & ENERGY STAR Certified



\*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
<b>System Performance</b>							
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
<b>Indoor Unit</b>							
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
<b>Outdoor Unit</b>							
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
<b>Piping</b>							
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
<b>Electrical Information</b>							
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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