



Technical data

Model	SDC08V12		SDC12V12	
Width	400 mm	15.7 "	470 mm	18.5"
Height	300 mm	11.8 "	300 mm	11.8 "
Depth	300 mm	11.8 "	330 mm	13"
Weight	22 kg	48.5 lb	28 kg	61.7 lb
Electrical box dims	250 x 250 x 109 mm	9.8" x 9.8" x 4.3"	250 x 250 x 109 mm	9.8" x 9.8" x 4.3"
Voltage	12VDC	12VDC	12VDC	12VDC
Max cooling capacity	2.5 kW	8,400 BTU/h	3.6 kW	12,400 BTU/h
Max heating capacity	2.3 kW	8,000 BTU/h	3.4 kW	11,600 BTU/h
Max input power	540 W	540 W	600 W	600 W
Max current	47 A	47 A	50 A	50 A
Current ECO mode cooling	13 A	13 A	13 A	13 A
Input power ECO mode cooling	160 W	160 W	150 W	150 W
Max seawater flow-pressure loss	1,2 m3/h - 4,2 m H2O	5.3 gpm - 13.8 feet H2O	1,3 m3/h - 4,5 m H2O	5.7 gpm - 14.7 feet H2O
Min seawater flow-pressure loss	0,8 m3/h - 1,9 m H2O	3.5 gpm - 6.2 feet H2O	0,9 m3/h - 2 m H2O	4 gpm - 6.6 feet H2O
Min air exit duct diameter	125 mm	5"	125 mm	5"
Seawater connection	16 mm	1/2"	19 mm	3/4"
Drain connection	16 mm	1/2"	16 mm	1/2"
R410A refrigerant charge	0,28 kg	9.9 oz	0,35 kg	12.3 oz

self-contained unit	compressor speed	cooling capacity BTU/h	input power W	input current A
SDC08V12	max	8 400	420	35
	med	6 700	290	24
	min (ECO)	4 200	160	13
SDC12V12	max	12 400	530	44
	med	8 200	330	28
	min (ECO)	4 700	150	13

Tested at 32°C (89.6°F) seawater temperature (tropical conditions)