



12 V DC self-contained



marine air conditioning



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IKARUS SDC series variable capacity air conditioners start by only 5,250 btu/h cooling capacity, where the consumption is minimized for low conditioning required periods. Thus, you expense less, while you are efficient for the environment by world's min GWP refrigerant R454B or R32.

SDC units are operating by 12 V DC or 24V DC supply and reverse-cycle as standard, where the minimum heating performance is 6,000 btu/h for our lowest range. Unit is compact, having excellent sound level by the inverter technology compressor and our fan protected cabinet. Besides, twin rotary inverter technology, units have excellent performers as well as sound level.

Touch screen control PC500 has 2 sensors for the room and the coil, to control the blow of the unit once the system is ready. Also compatible to 3M Vimar cover plate that you would like to see in your biosphere.

inverter 12V-24V DC

MODEL NO	SDC12-06	SDC12-08	SDC12-10	SDC24-12	SDC24-16
Cooling Capacity (Btu/h)	5250 - 6000	6000 - 7500	7500 - 9000	8500 - 11500	11500 - 15500
Heating Capacity (Btu/h)	6,000	8,000	9,500	12,000	16,000
Power Supply	12V DC			24V DC	
Power Consumption (Watt)	520	648	745	1,010	1,300
Operating Current (A)	46.2	56.2	66.2	42.1	56.1
Duct Diameter (mm)	100	100	125	150	150
Refrigerant-Control	R32, R454B				
Length (mm)	470	470	580	560	560
Width (mm)	292	292	312	340	340
Height (mm)	290	290	320	345	345
Weight (kgs)	20	22	26	30	33
Air Flow (m3/h)	150 - 250	150 - 350	150 - 350	450 - 600	450 - 600
Condenser Pipe Dia (mm)	3/4"(19)				
Drainage Pipe Dia (mm)	3/4"(19)				
Condenser Water Flow (lt/min)	7	9	11	13	15

CAPACITIES ARE BASED ON:

COOLING	Room Conditions : 19.5°C / 27°C (WB/DB)	Seawater Conditions : 28°C
HEATING	Room Conditions : 16°C / 22°C (WB/DB)	Seawater Conditions : 8°C

PRATIKEK may change the technical specifications and sizes without any prior notice.

SDC unit box includes > PC500 control unit,

> Air outlet adaptor,

> 3xbase fixing part.

