

IKARUS ISC32 self contained units have 8 capacity ranges from 4,000 up to 24,000 btu/h cooling capacity. By PC500 digital control unit, your finger touches are able to control the climate of your conditioned room anytime by the performance of R32 refrigerant.

IKARUS ISC32 self contained air conditioners are manufactured with 304 class drain pan, evaporator cabinet and fixing parts. Cu-Ni condenser, blue hydrophilic epoxy coated Cu/Al evaporator. By this way, they have high resistance to the seawater in the long term.

Units are reverse-cycle as standard, having all components in a single chassis under compact design of 20 years engineering in the field. Sound level is excellent by the Class Rotary Compressors and quality components that we use.

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.

MODEL NO	ISC3206	ISC3208	ISC3209	ISC3214	ISC3216	ISC3218	ISC3221	ISC3224
Cooling Capacity (Btu/h)	5,500	7,500	9,000	13,500	15,500	18,200	20,500	24,000
Heating Capacity (Btu/h)	6,300	9,000	10,800	16,200	18,200	21,000	22,000	26,000
Power Supply	220-240 / 1 Ph / 50 Hz							
Power Consumption (Watt)	430	820	820	1140	1280	1530	1530	1950
Operating Current (A)	2.3	3.8	3.8	5.2	5.9	7.2	7.2	9.1
Duct Diameter (mm)	100	100	125	125	150	150	150	150
Refrigerant-Control	R32							
Height (mm)	230	295	320	345	370	370	395	395
Length (mm)	400	545	560	560	625	625	660	660
Width (mm)	290	295	340	340	450	450	450	450
Weight (kgs)	13	22	29	30	38	48	50	55
Air Flow (m3/h)	150	300	450	600	750	900	1,000	1,100
Condenser Pipe Dia (mm)	5/8"				3/4"			
Drainage Pipe Dia (mm)	5/8"				3/4"			
Condenser Water Flow (lt/min)	6	7.5	9	13.5	15.5	19	21	24

CAPACITIES ARE BASED ON:

COOLING	Room Conditions : 19.5°C / 27°C (M Seawater Conditions : 28°C
HEATING	Room Conditions : 16°C / 22°C (WE Seawater Conditions : 8°C

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

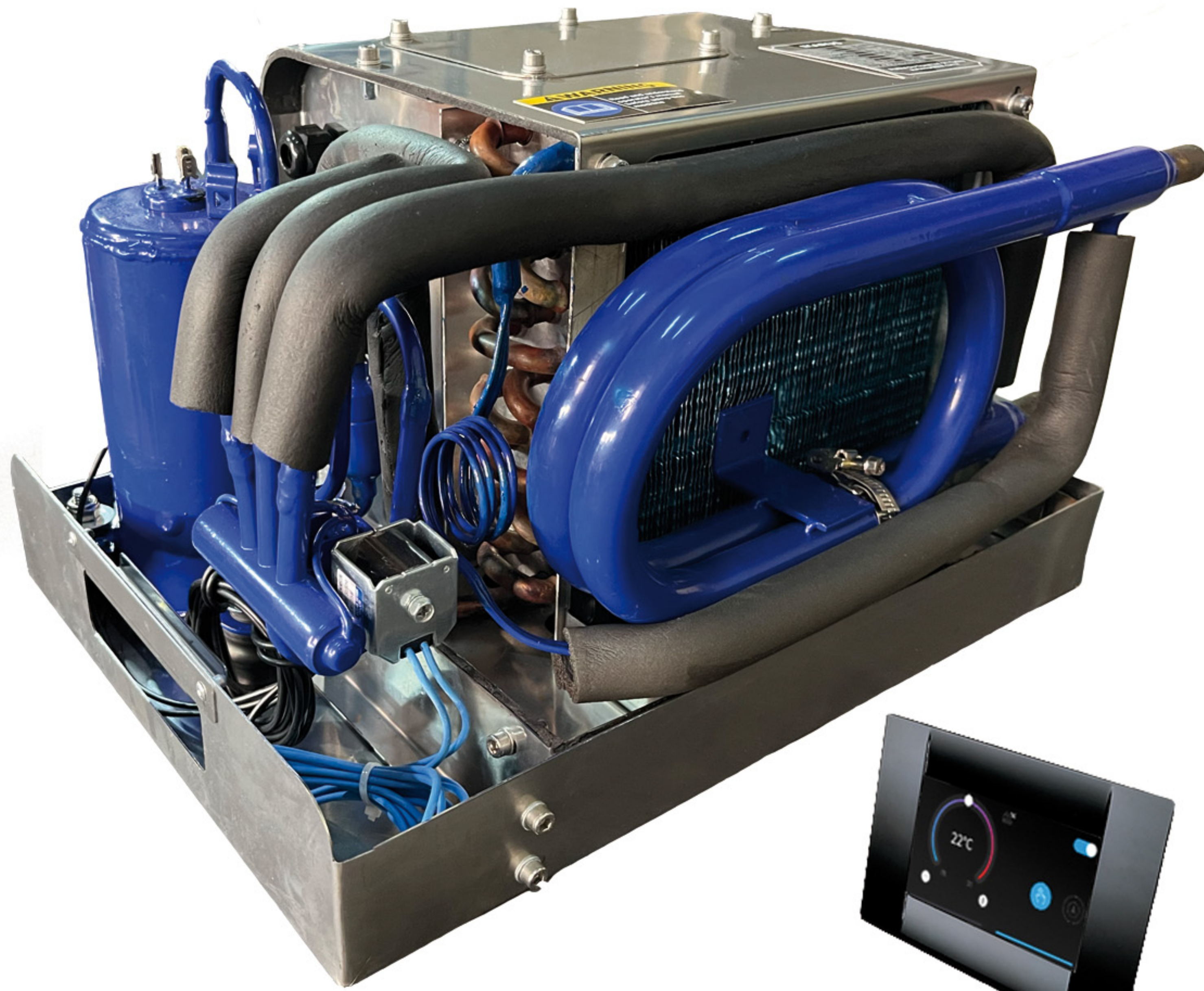
- ISC32 unit box includes > PC500 control unit,
> Air outlet adaptor,
> 3xbase fixing part.



Each ISC unit is tested, quality assured and packed safely before leaving IKARUS facilities.

self-contained unit





IKARUS ISC32-I series variable capacity air conditioners start by only 2,718 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 R32 refrigerant,

ISC32-I units are reverse-cycle as standard, where the minimum heating performance is 3,260 btu/h for our lowest range. Unit is compact, having excellent sound level by the inverter technology compressor and our fan protected cabinet.

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.

MODEL NO	ISC3210-I	ISC3216-I	ISC3224-I	ISC3230-I	ISC3236-I
Cooling Capacity (Btu/h)	2,718/9,385	5,897/15,166	5,97/22,500	10,104/30,495	12,150/36,246
Heating Capacity (Btu/h)	3,260/11,260	7,076/18,190	7,076/27,000	12,125/36,500	14,580/43,490
Power Supply	220-240 / 1 Ph / 50 Hz				
Power Consumption (Watt)	372/690	450/1150	1950	1530	1950
Operating Current (A)	2.64/4.72	3.52/7.47	9.1	7.2	9.1
Duct Diameter (mm)	125	150	150	150	150
Refrigerant-Control	R32				
Height (mm)	320	370	395	500	500
Length (mm)	560	625	660	740	840
Width (mm)	340	450	450	530	530
Weight (kgs)	29	38	50	76	87
Air Flow (m3/h)	155/350	190/600	190/900	375/1350	550/1600
Condenser Pipe Dia (mm)	3/4"				1"
Drainage Pipe Dia (mm)	3/4"(19)				
Condenser Water Flow (lt/min)	11	18	24	28	40

CAPACITIES ARE BASED ON:

COOLING	Room Conditions : 19.5°C / 27°C (M Seawater Conditions : 28°C
HEATING	Room Conditions : 16°C / 22°C (WE Seawater Conditions : 8°C

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