



POLAR CUB

PACKAGED 12/24V CONDENSING UNITS DESIGNED FOR USE IN MARINE REFRIGERATION & FREEZER SYSTEMS

POLAR CUB and **POLAR CUB+** is a compact 12/24V packaged condensing unit designed for use in direct expansion refrigeration and freezer units, such as cockpit refrigerators/freezers, and fish boxes. Other popular applications include mezzanine or galley refrigerators/freezers. Packaged units are typically placed remotely and are commonly located in the engine room, lazarette, etc.

POLAR CUB and **POLAR CUB+** offer a convenient conversion option for refrigerating or freezing an existing insulated box on-board any vessel that requires additional cold-storage but does not have a generator.

POLAR CUB and **POLAR CUB+** enclosures are white powder coated aluminum and can be mounted on a bulkhead or horizontal surface. The self-contained units allow for ease of installation with clear access to mounting holes.

POLAR CUB and **POLAR CUB+** units are air-cooled and available with a BD50 compressor in 12/24V (12/24/115V option available) or a BD80 compressor in 12/24V. Units come standard with resealable couplings and an option to mount a directional vent to route warm air exhaust to the desired location. All units use R134a refrigerant.

POLAR CUB and **POLAR CUB+** units are capable of refrigerating 14 to 21 cubic feet and freezing 5 to 7 cubic feet with proper application and adequately sized evaporator plate (sold separately).

PRODUCT HIGHLIGHTS

- Packaged 12/24V condensing units for built-in refrigerators/freezers
- Air-cooled
- High capacity condenser and fan
- Self-contained white powder coated aluminum housings, which can be easily be mounted horizontally, vertically or stacked
- Polar Cub (BD50) in 12/24V (12/24/115V optional) Polar Cub+ (BD80) in 12/24V
- Designed for easy installation and serviceability
- Resealable coupling connections
- Digital thermostats available
- Complete conversion kits with thermostats and evaporator plates available



Frigibar, LLC

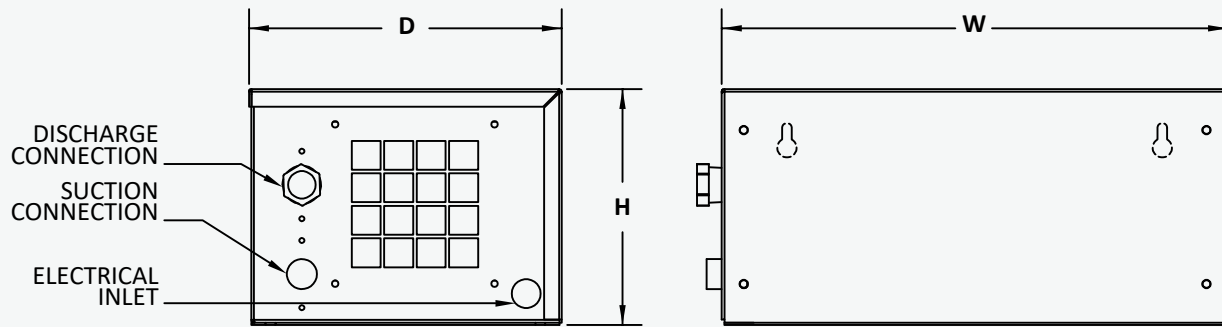
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TECHNICAL SPECIFICATIONS FOR POLAR CUB AND POLAR CUB+ PACKAGED CONDENSING UNITS

Model	Cooling	Compressor	Volts	Max Power Consumption (Amps)	Application Capability	Volume Max Refrigerator (Cu Ft/L)	Volume Max Freezer (Cu Ft/L)	Width (in/mm)	Depth (in/mm)	Height (in/mm)	Weight (lbs/kg)
Polar Cub Resealable Couplings											
PCB50R (rectangle)	Air	BD50	12/24	6	Refrigerator or Freezer	14	5	13.5/343	8/203	6/153	16.5/7.5
PCB50S (square)	Air	BD50	12/24	6	Refrigerator or Freezer	14	5	10/254	11.5/292	7.75/197	16.5/7.5
PCB51R (rectangle)	Air	BD50	12/24/115	6	Refrigerator or Freezer	14	5	13.5/343	8/203	6/153	16.5/7.5
PCB51S (square)	Air	BD50	12/24/115	6	Refrigerator or Freezer	14	5	10/254	11.5/292	7.75/197	16.5/7.5
Polar Cub+ Resealable Couplings											
PCB80R (rectangle)	Air	BD80	12/24	10.5	Refrigerator or Freezer	21	7	13.5/343	8/203	6/153	16.5/7.5
PCB80S (square)	Air	BD80	12/24	10.5	Refrigerator or Freezer	21	7	10/254	11.5/292	7.75/197	16.5/7.5

POLAR CUB RECTANGLE



POLAR CUB SQUARE

