

Grunert Caribbean Series

Engine Driven Systems



Caribbean engine-driven system shown

The Caribbean models of Grunert refrigeration are designed for those yachts that utilize the power available from their main engine.

Typically, all on board energy requirements are condensed into one or two engine run times per 24 hour period.

These units come standard with a PVC and stainless steel raw water condenser for improved efficiency and lower operating pressure (unlike other Grunert

systems, air cooling is not an option). Add the Grunert Passagemaker to the Caribbean system for optimum flexibility for those times when you want to maintain box temperatures and the boat is unattended (or the vessel is hauled). For design assistance, contact your local Dealer or our Customer Support Team.

The compressor components for this system must be installed near or on the main engine with all necessary components nearby.

Caribbean units meet or exceed applicable U.S. Coast Guard regulations, CE Directives and general Air Conditioning and Refrigeration Industry (ARI) standards.

Key Benefits

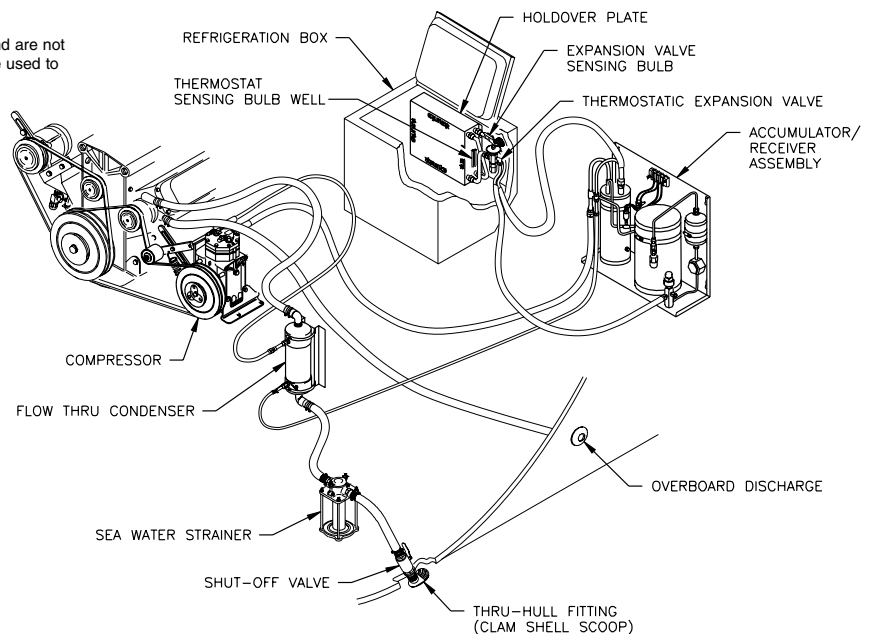
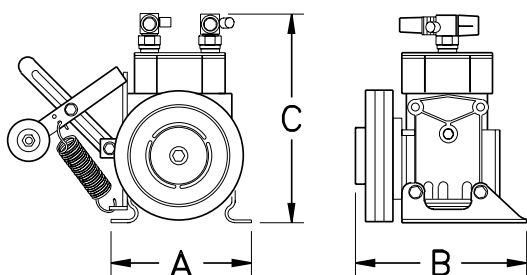
- Effectively cools one or more boxes of virtually any configuration.
- Receiver, accumulator, drier, pressure switch, and valves are on one convenient pallet.
- Components can be remote mounted.
- Rebuildable compressor, including valve plates and shaft seals, for long life (ED150 only).
- Low voltage (12 or 24 volt) controls provide an extra margin of safety.
- Base valves with service ports for v and leak checking.
- Charge Guard® protection provides sealed access ports to ensure system integrity during handling and installation.

Technical Specifications for Caribbean Series

Model	ED75/12	ED75/24	ED150/12	ED150/24
Motor Voltage (DC)	12	24	12	24
Watts (Coil)	48	48	48	48
Amperage	4	2	4	2
Refrigerant	R-409A	R-409A	R-409A	R-409A
Oil	Polyolester	Polyolester	Polyolester	Polyolester
Charge (oz/g)	6.1/173	6.1/173	16.0/454	16.0/454
Capacity (BTU/hr)¹				
26°F (-3°C)	5000	5000	9000	9000
0°F (-18°C)	4200	4200	7000	7000
-9°F (-23°C)	3600	3600	5500	5500
-18°F (-28°C)	3200	3200	4800	4800
Compressor Data				
Cylinder/Displacement	2/1.105 IN ³ /REV	2/1.105 IN ³ /REV	2/10.3 IN ³ /REV	2/10.3 IN ³ /REV
Compressor Dimensions (in/mm)				
A	5.50/140	5.50/140	7.50/191	7.50/191
B	9.00/228	9.00/228	9.00/229	9.00/229
C	5.75/146	5.75/146	11.25/286	11.25/286
Receiver Pallet Dimensions (in/mm)				
Height	15.0/38.1	15.0/38.1	15.0/38.1	15.0/38.1
Width	14.3/36.3	14.3/36.3	14.3/36.3	14.3/36.3
Depth	5.4/13.7	5.4/13.7	5.4/13.7	5.4/13.7
Weight (lb/kg)				
Net	17.0/7.7	17.0/7.7	25.0/11.3	25.0/11.3
Ship	22.0/9.9	22.0/9.9	30.0/13.6	30.0/13.6

Notes:

¹ BTU/hr ratings are the average rate of heat extraction from holdover plates, and are not the capacity of the compressor or the condensing unit. These figures are to be used to determine run times required to maintain box design temperatures.



Dealer:

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