

Grunert Passagemaker Series

AC Operation Refrigeration Systems



Passagemaker AC450
model shown

Grunert Passagemaker compressors are hermetically sealed for quiet, efficient operation. Vibration isolators are incorporated in all mounting platforms to provide additional noise reduction.

Key Benefits

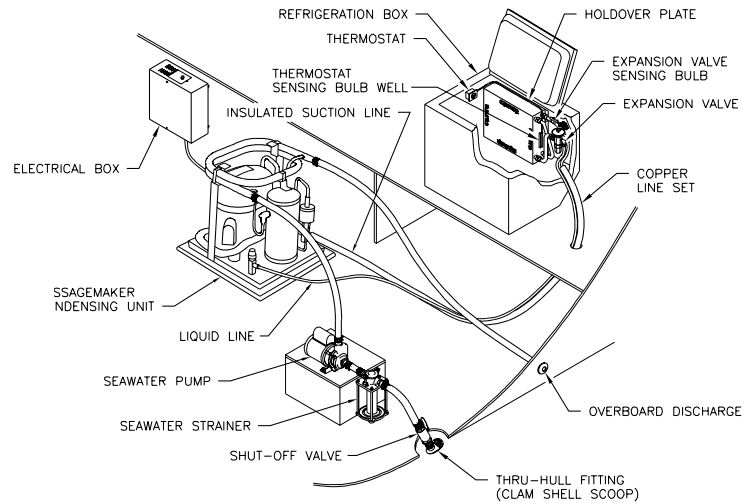
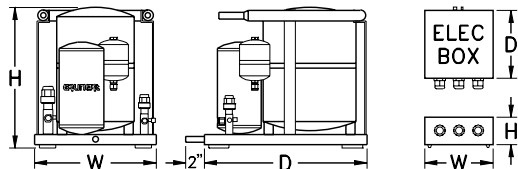
- Filter/drier is replaceable without refrigerant charge loss.
- Effectively cools one or multiple boxes of virtually any configuration.
- Sight glass / moisture indicator assembly to monitor system refrigerant charge.
- Remote electrical box is completely enclosed to protect all components.
- 5' (1.5 m) harness allows for a dry, accessible mounting location.
- Low 12 voltage controls provide an extra margin of safety.
- Hermetically sealed compressor for quiet, efficient operation.
- Vibration isolation mounts for additional noise reduction.
- Charge Guard® protection provides sealed access ports to ensure system integrity during handling and installation.

Technical Specifications for Passagemaker Series

Model ¹	AC425	AC450	AC475	AC4100Z	AC4150Z	AC4200Z
Refrigerant	R-404A	R-404A	R-404A	R-404A	R-404A	R-404A
Charge (oz./g.)	26/737	50/1420	50/1420	50/1420	76/2152	76/2152
Capacity (BTU/hr)²						
26°F (-3°C)	1850	3400	5000	6500	9000	15000
0°F (-18°C)	1650	2800	4200	5500	7000	11900
-9°F (-23°C)	1500	2200	3600	4500	5500	9350
-18°F (-28°C)	1250	1800	3200	3900	4800	480
Electrical Data						
RLA - 115V/230V (water-cooled)	5.9/2.9	6.7/3.0	15.2/7.7	- /10.9	- /10.9	- /18.6
RLA - 115V/230V (air/water-cooled)	6.9/3.4	7.7/3.5	16.2/8.2	- /11.4	- /11.4	N/A
LRA - 115V/230V	40.0/20.5	68.0/34.0	59.0/37.0	- /56.0	- /56.0	- /107.0
Max. Circ. Breaker 115V/230V	15.0/10.0	20.0/10.0	35.0/15.0	- /25.0	- /30.0	- /40.0
Min. Circ. Ampacity 115V/230V	10.0/5.0	16.0/7.0	27.0/14.0	- /20.0	- /20.0	- /30.0
Unit Dimensions (in/mm)						
D (Depth) ⁴	14.1/358	14.1/358	14.1/358	20.0/508	20.0/508	20.0/508
W (Width) ⁵	13.1/334	13.1/334	13.1/334	17.0/432	17.0/432	17.0/432
H (Height)	10.5/267	13.6/346	14.8/375	15.3/387	15.3/387	16.0/406
Electrical Box Dimensions (in/mm)						
D (Depth)	10.875/276					
W (Width)	10.625/270					
H (Height)	4.0/102					
Weight (lbs/kg)⁶						
Net	47.0/21.3	78.0/35.4	74.0/33.6	75.0/34.0	77.0/34.9	92/41.7
Ship	63.0/28.6	94.0/42.6	92.0/41.7	93.0/42.2	95.0/43.1	110/49.9

Notes:

- 1 Add a 'Z' to the model number to indicate 230 VAC for models AC425 through AC475. Also add HA to model numbers for air cooled option (not available on AC4200Z).
- 2 BTU/hr. ratings are the average rate of heat extraction from holdover plates and are not the capacity of the compressor or condensing unit. These figures are to be used to determine run times required to maintain box design temperatures.
- 3 Physical dimensions of 50Hz models may vary.
- 4 Add 2" (51 mm) for condensate hose connector. Add additional 10.75" (273 mm) for air cooled option.
- 5 Add ½" to width for air cooled option on AC425-475HA.
- 6 Add 8 lbs (3.6kg) for remote electrical box. Add 20-30 lbs for air cooled option. All weights include refrigerant charge. Ship weights include electric boxes.



Dealer:

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