

Evaporator **EM-1**

Our EM-1 ceiling mount air conditioning evaporator has been engineered for maximum serviceability and ease of installation in commercial and school buses. Because the drain pan is part of the basic system, the EM-1 can be completely installed, charged and tested before the cover is put in place, greatly reducing installation time. Sim-

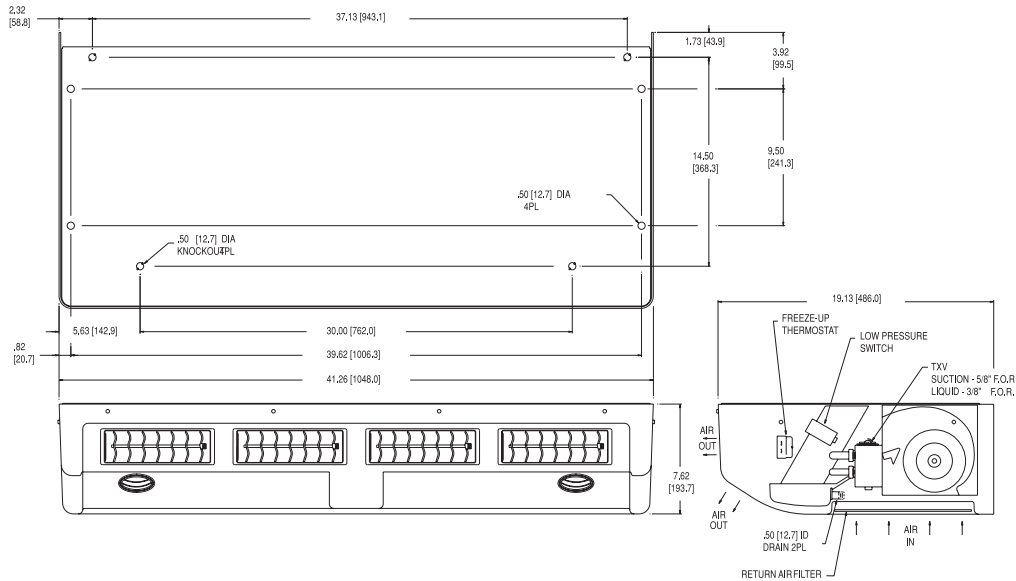
ple cover removal provides ready access to all serviceable components* . This evaporator is available for non-ducted free blow applications in 25" – 30" (635 – 762 mm) length passenger areas.

* See EM-3



Features

- New, efficient, transverse blower technology reduces AMP draw and provides increased, uniformly distributed air flow
- Higher capacity unit in a smaller package (height reduced over 20% from existing models, significantly increasing head clearance)
- Reduced service time and overall life cycle cost with single, easily accessible motor, bottom mounted air filter, 10% fewer parts and fasteners than previous models
- Return air filters can be removed and cleaned without removing the units cover
- High volume air flow, widely dispersed through bi-directional louvers for total passenger comfort
- State-of-the-art enhanced coils for maximum cooling capacity and increased efficiency
- Variable speed blower allows for full air flow adjustment to optimize system to individual cooling preferences
- Heavy-duty steel frame is reinforced for added strength
- Can be front/rear center or front/rear side mounted in all makes/models of buses



Technical Data

Cooling capacity	60000 Btu/hr (17.5 kW) IMACA ^[1]	27000 Btu/hr (8 kW) ARI ^[2]
Air flow	1600 CFM (2718.4 m ³ /hr)	
Refrigerant	R134a	
Length	41.25" (1048 mm)	
Width	19" (486 mm)	
Height	7.62" (193.5 mm)	
Weight	60 lbs (27 kg)	
Condensate Drain Connection	½" (12.7 mm) O.D	
Max amperage requirement	29.5 A @ 13.5 V dc (High Speed)	
Voltage	12 or 24 VDC	
Cover color	Snow White or Dove Gray	

[1] IMACA conditions: 100°F (38°C) / 90°F (32°C) / 50% RH

[2] ARI conditions: 95°F (35°C) / 80°F (27°C) / 50% RH