

CabEn™ Climate Solutions

No-Idle AC System 

Quick Specs

CabEn Cool Power Consumption

24 VDC, 0.97 kW, at 110°F (43°C) ambient (peak)

CabEn Cool Cooling Capacity

2.8 kW (11,250 Btu/hr), at 110°F (43°C) ambient (peak)

CabEn Heat Power Consumption

Up to 50 watts (electrical), 0.16 gallons/hour (diesel)

CabEn Heat Heating Performance

1.3 to 5.0 kW, -40 to 176°F (-40 to 80°C) operating temperature

For work truck fleet managers who need to eliminate truck engine idle time, CabEn climate solutions are the only fully integrated cab heating and cooling systems that provide all-day relief from the outside environment while the truck engine is turned off.



CabEn Cool eCoolPark



CabEn Cool power converter



Unboxed kit



Boxed kit

CabEn Heat Hydronic HS3 and EasyStart Pro controller

The CabEn Cool utilizes eCoolPark™ from Bergstrom

- Innovative, eco-friendly, electric, no-idle HVAC system
- Integrates into the existing vehicle HVAC system to enable the user to shut off the engine, engage the vehicle blower and turn on the eCoolPark
- Maintains the interior temperature when the vehicle is turned off
- Coupled with the power converter, this system gives the user an all-day cab climate solution
- eCoolPark 1.5 Includes long-life brushless fan and compressor inside a heavy-duty enclosure and can be mounted on a horizontal or vertical surface
- Power converter converts 240 VAC to 24 VDC to provide all-day power from EnPak® to the eCoolPark 1.5

The CabEn Heat utilizes the Hydronic HS3™ from Eberspächer

- Double benefit: pre-heating the vehicle's passenger compartment and the truck engine
- The heaters are integrated in the cooling system of the engine
- The thermal energy gained is then distributed through the vehicle's own heat exchanger as forced hot air and this heats the interior of the vehicle via existing air vents — the engine is warmed up with the residual heat in the cooling water
- EasyStart Pro controller provides direct communication with the Hydronic HS3 with available functions such as system navigation, timer and onboard diagnostics



Power converter is warranted for three years parts and labor.
Cab heating and cooling systems are warranted separately, including parts and labor, by their respective manufacturers.



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CabEn™ Climate Solutions Features



Integration

The compact size of CabEn Climate Pak integrates into the existing vehicle HVAC system and also allows for multiple installation locations.



Saves fuel

CabEn Climate Pak helps increase fuel savings and reduce engine hours while maintaining operator comfort.



Anti-idle solution

CabEn Climate Pak can reduce idle time and CO₂ emissions by 30 to 70 percent.



Quality

The quality and reliability you expect from three proven brands: Miller, Bergstrom and Eberspacher.

Specifications (Subject to change without notice.)

CabEn Cool Specifications (eCoolPark™ warranted separately by Bergstrom.)

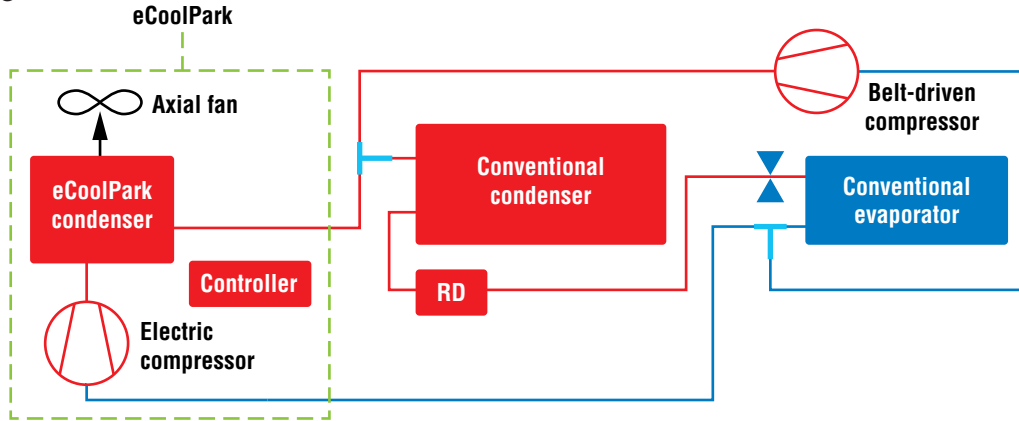
Warranty	Cooling Capacity	Power Consumption	Component Dimensions (H x W x D)	Weight
Bergstrom eCoolPark, 1-year warranty, parts and labor	2.8 kW (11,250 Btu/hr) at 110°F (43.3°C) ambient (peak)	24 V, 0.97 kW at 110°F (43.3°C) ambient (peak)	eCoolPark 14.7 x 24.5 x 13.1 in. (373 x 622 x 332 mm) Power Converter 14.5 x 10.6 x 7.8 in. (368.3 x 269.2 x 198.1 mm)	eCoolPark 67 lb. (30.4 kg) Power Converter 15 lb. (6.8 kg) Refrigerant Hoses 5.4 lb. (2.4 kg) Fittings and Check Valves 1.5 lb. (0.7 kg) Wiring Harness 15 lb. (6.8 kg) Total 103.9 lb. (47.1 kg)

CabEn Heat Specifications (Hydronic HS3™ warranted separately by Eberspacher.)

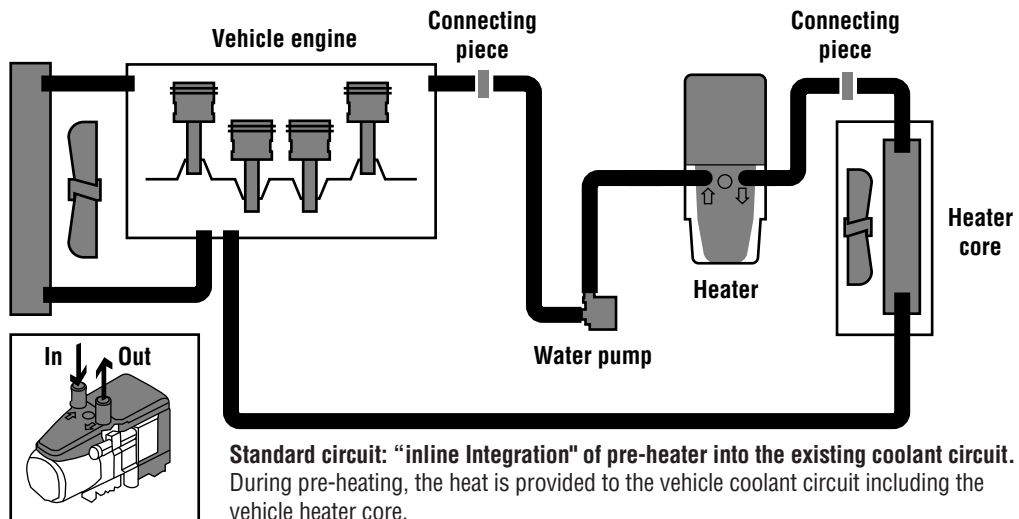
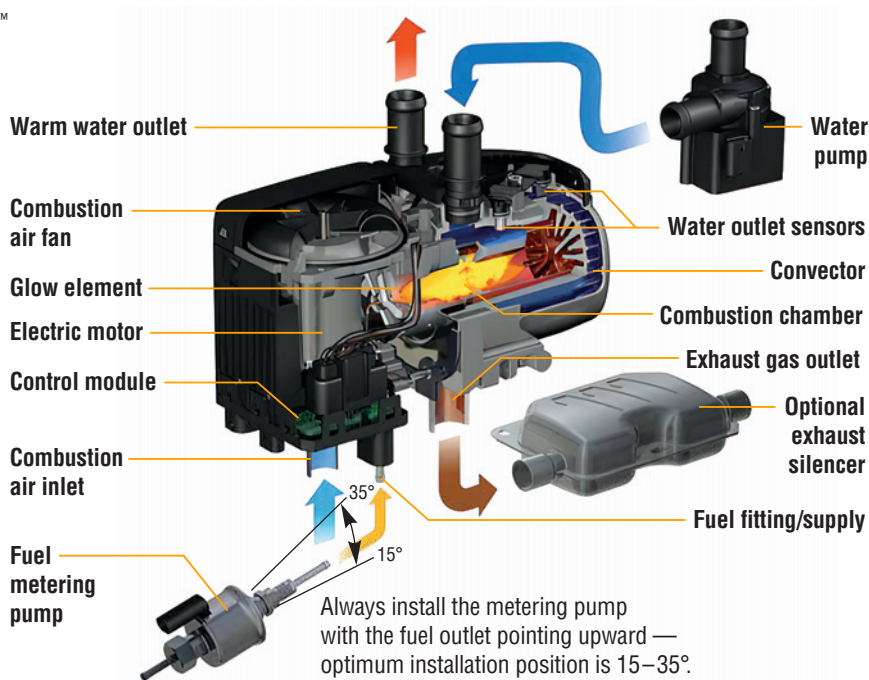
Warranty	Voltage	Heating Performance	Power Consumption	Operating Temperature Range	Dimensions (H x W x D)	Weight
Eberspacher HS3, 2-year or 2,000 hours warranty, parts and labor	12 V	1.3 to 5.0 kW	Electrical Up to 50 watts Fuel 0.16 gallons/hour (diesel — tapped to truck fuel tank)	-40 to 176°F (-40 to 80°C)	Unboxed 5.7 x 3.6 x 8.5 in. (144 x 91 x 215 mm) Boxed 10.9 x 12.2 x 8.5 in. (276.6 x 310.1 x 216.2 mm)	Unboxed 15 lb. (6.8 kg) Boxed 25 lb. (11.3 kg)

Typical Installations

eCoolPark™ 1.5

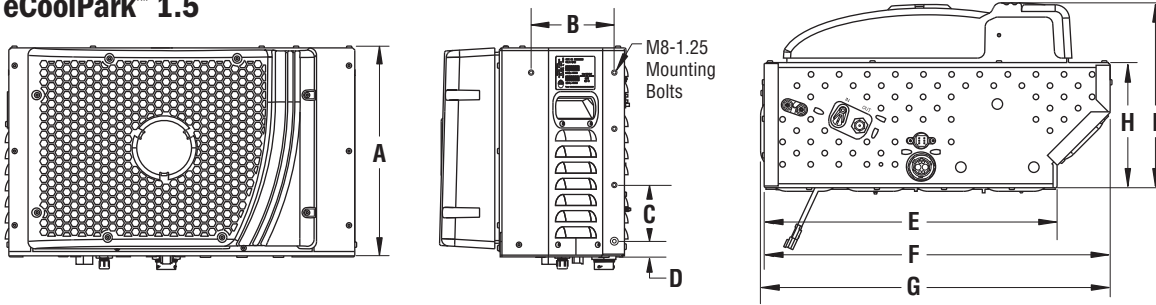


Hydronic HS3™



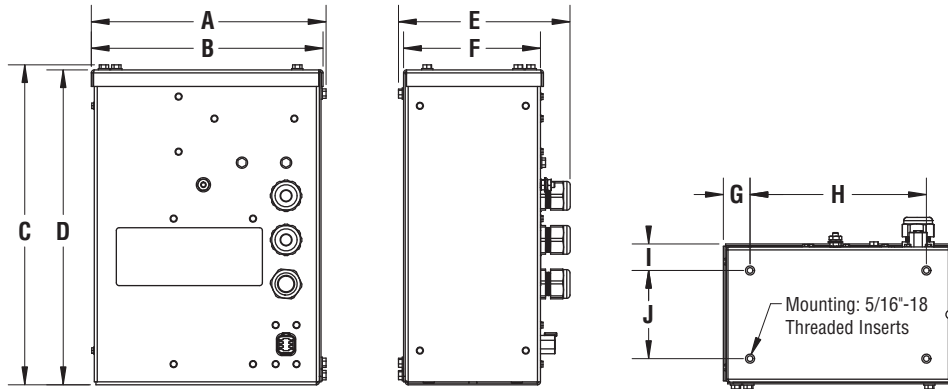
Mounting Specifications

eCoolPark™ 1.5



- A. 14.7 in. (373 mm)
- B. 5.8 in. (148 mm)
- C. 3.9 in. (100 mm) TYP
- D. 1.1 in. (28 mm)
- E. 20.5 in. (521 mm)
- F. 24.2 in. (615 mm)
- G. 24.5 in. (622 mm)
- H. 8.8 in. (223 mm)
- I. 13.1 in. (332 mm)

CabEn power converter



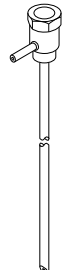
- A. 10.649 in. (271 mm)
- B. 10.512 in. (267 mm)
- C. 14.514 in. (369 mm)
- D. 14.284 in. (363 mm)
- E. 7.779 in. (198 mm)
- F. 6.209 in. (158 mm)
- G. 1.210 in. (31 mm)
- H. 8.000 in. (203 mm)
- I. 1.203 in. (31 mm)
- J. 4.000 in. (102 mm)

Fuel Pick-Up Pipe

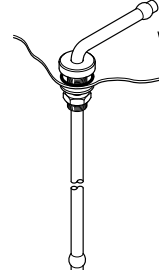
Choose fuel pick-up pipe type for Eberspacher HS3 heater.



Eberspacher Universal Fuel Pick-Up Pipe 301629
1/4-inch (6.4 mm) NPT fitting, or if NPT is not available drill a hole with sealing ring.



Vent Style Fuel Pick-Up Pipe 301630
1/2-inch (12.7 mm) NPT vent fitting to utilize OEM tank vent hole if tank has 1/2-inch NPT vent (vent will screw into the top of this fitting).



Inner Tank Pump Style Fuel Pick-Up Pipe 301632
Generally used for vehicles utilizing an inner fuel tank pump installation system.
Length: 11.6 in. (295 mm)
OD: 0.16 in. (4 mm)
ID: 0.08 in. (2 mm)

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
CabEn™ Pak w/Unboxed Heater	951928	Includes eCoolPark™, power converter, Eberspacher HS3 (unboxed) and EasyStart Pro controller		
CabEn™ Pak w/Boxed Heater	951933	Includes eCoolPark™, power converter, Eberspacher HS3 (boxed) and EasyStart Pro controller		
CabEn™ Cool	951929	Includes eCoolPark and power converter		
CabEn™ Heat (Unboxed)	951931	Includes Eberspacher HS3 (unboxed) and EasyStart Pro controller — requires fuel pick up tube		
CabEn™ Heat (Boxed)	951930	Includes Eberspacher HS3 (boxed) and EasyStart Pro controller — requires fuel pick up tube		
Fuel Pick-Up Pipe				
Eberspacher Universal	301629	2 mm with 1/4-inch NPT		
Vent Style	301630	2 mm with 1/2-inch NPT		
Inner Tank Pump Style	301632	For vehicles utilizing an inner fuel tank pump installation system		

Date:

Total Quoted Price:

Distributed by:

