

HOSELINE

E-CAB Environmental Cabinet

AC/DC OPERATION

LOW POWER CONSUMPTION

EXTREMELY COMPACT DESIGN

ELECTRONIC TEMPERATURE CONTROL

LONG LIFE - BRUSHLESS DC COMPRESSOR

HEATS AND COOLS TO MAINTAIN TEMPERATURE



DESCRIPTION

The Hoseline E-Cab Environmental Cabinet was specifically designed to keep pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. The built-in computer controlled monitoring system maintains set point temperature to within ± 2 degrees. Offering over 2000 cubic inches of storage, the E-Cab will maintain a user selectable temperature range of 35° to 80° F in an ambient environment of -10° to 110° F.

The control panel on the E-Cab features a large, easy to read LED display of inside temperature. Simple pushbutton operation allows for easy setting of the desired set point temperature. The temperature can be displayed in either degrees Fahrenheit or Celsius. An alert indicator illuminates should the inside temperature exceed 5 degrees above or below the desired set point. Set point and operating mode data is stored in non-volatile memory allowing the E-Cab to automatically return to proper operation in the event of a power failure. A built-in interior light insures good product visibility even in the darkest environment.

Tri-Voltage operation allows the E-Cab to operate from 12 volt vehicle power as well as 120 and 240 volt AC shore power.

A built-in power distribution system switches automatically to the appropriate power source. With average long term current draw below 1.5 amps, the E-Cab can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. Should the battery voltage become low, the E-Cab will shut itself off before the vehicle battery becomes too low to start the engine. When AC shore power is available, the E-Cab will automatically switch over preventing any battery drain.

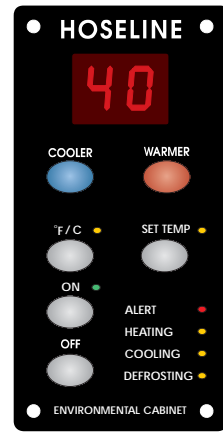
The Hoseline E-Cab is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

The refrigeration system features an extremely efficient and reliable hermetically sealed compressor with brushless DC variable speed drive for long life and quiet operation. The air circulation fans are also of the brushless design featuring ball bearing construction.

With no filters to plug up or clean and the built in automatic defrost system along with the available stainless steel door panel and easy clean interior, the E-Cab is virtually maintenance free.



INTERIOR VIEW



CONTROL PANEL
(Mounted on door)

SPECIFICATIONS:

Interior Storage	Approx. 2000 Cubic Inches
Operating Voltage	11.6 to 15.0 Volts DC standard plus 100-240 Volts AC, 50-60 Hz with Tri-Voltage Option.
Operating Current	4 Amps @ 12 Volts with Compressor Running Long term average approx. 1.3 Amps @ 12 Volts with interior temp 40°F and exterior temp of 80°F
System	Electronic control system auto power transfer and automatic defrost cycle. Hermetically sealed variable speed compressor and 50 watt internal heater.
Set Point Range	35° to 80° F
Weigth	45 lbs
Cut Out Dimensions	15"W x 20.5"H x 19.25"D

DIMENSIONS:

