



# HOSELINE

## ECS-15 Environmental Cabinet System

**CONVERTS ANY EXISTING CABINET  
INTO A TEMPERATURE CONTROLLED  
ENVIRONMENTAL CABINET**

**ELECTRONIC TEMPERATURE CONTROL  
HOLDS TEMPERATURE TO WITHIN  $\pm 2$  DEGREES**

**HEATS AND COOLS TO MAINTAIN TEMPERATURE**

**AC/DC OPERATION**

The Hoseline ECS-15 will convert any existing cabinet, up to 5 cubic feet interior volume, into a temperature controlled space ideally suited for keeping pharmaceuticals, samples, chemicals and other temperature critical substances safe from environmental extremes. Simply cut one hole in the back or side of the cabinet and mount the ECS-15. The remotely located control panel features a computer controlled monitoring system that holds set point temperature to within  $\pm 2$  degrees. Installed in a properly insulated cabinet, the ECS-15 will maintain a user selectable temperature range of 35° to 80°F in an ambient environment of -10° to 110°F.

The control panel 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. Operating mode and set point temperature is stored in non-volatile memory allowing the ECS-15 to automatically restore proper operation in the event of a power failure.

The Tri-Voltage option allows the ECS-15 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 ECS-15 can operate continually on battery power for over 24 hours with plenty of reserve for starting the vehicle. When AC shore power is available, the ECS-15 will automatically switch over preventing any battery drain.

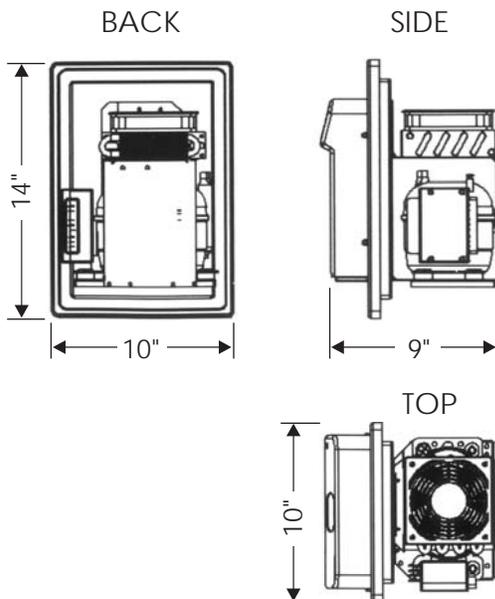
The Hoseline ECS-15 is constructed for long life and high reliability even under the difficult operating conditions found in the emergency vehicle environment.

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 for maintenance free operation.

**SPECIFICATIONS:**

Interior Volume	5 Cubic Feet (max)
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 Note: Average current draw is a function of temperature and quality of the insulation used in the cabinet.
System	Electronic control system with auto power transfer and automatic defrost cycle. Hermetically sealed variable speed compressor and 50 watt internal heater. 2 brushless D.C. fans (evaporator and condenser)
Control Panel	Control panel comes with 5 feet of wire. Can be extended up to 20' with ordinary 3 conductor thermostat wire.
Set Point Range	35° to 80° F
Weigth (approx.)	15 lbs
Dimensions	10"W x 14"H x 9"D

**DIMENSIONS:  
ECS-15**



**DIMENSIONS:  
CONTROL PANEL**

