The <i>CoolSaver</i> ™	<b>Marine Refrigeration</b>	Controller 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

## More than a thermostat or speed controller

A modern, cost effective digital controller that minimizes battery energy requirements for marine refrigeration systems.

Minimizes battery energy consumption **and** controls temperature accurately.

Cost effective.

Easy to install.

-

Suitable for any refrigeration system that uses Danfoss BD35F, BD50F or BD80F compressors with either holding plates or evaporators, and air or water cooled condensers. (Dometic-Adler Barbour, Isotherm, Nova Kool, and others).

-

Does not require, **but enhances** Danfoss AEO (Adaptive Energy Optimizing) compressor controller.

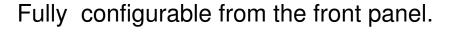
-

Charge Sense<sup>TM</sup> technology detects available excess power. It s aves energy by automatically taking advantage of excess available power from any source; alternator, generator, wind generator and solar power.

-

Displays temperatures in Fahrenheit or Centigrade and has a

full set of status indicators.
-
Records lowest and highest temperature. Has manual reset.
-
Temperature alarms with buzzer, and programmable shutdown on high condenser temperature.
-
Continued refrigeration if thermistor probe fails.
-
Warm food load feature.
-
Energy Saving Mode.
-



Low space requirement: 1.14" x 2.8" (29x71mm) panel cutout.

Manual and programmable automatic defrosting.

Uses sealed stainless steel solid state thermistor probes.

Front panel is IP65 water protected. Conformal coating on electronics protects against the marine environment.

100% redundancy - automatic switch-over to a mechanical

backup thermostat	if <i>CoolSaver</i> is not powered of	r
malfunctioning.		

**CoolSaver** was designed by **BostonBase Inc.**- a software and controls company that since 2003 has been developing control solutions for refrigeration with an emphasis on energy savings.

## **Options**

\_

Remote access via web browser

-

Can send emailed alarms via cellular network

" Hot key" programming

Alarm output can be connected to other systems