SEA FROST®

Bait Freezer Thermostat Operation

The thermostat is pre-set and locked at the factory. When locked the keypad is disabled and changes to the settings cannot be made. To change the settings the lockout switch must be placed in the unlock position.

To access the lockout switch:

1. Switch off the power.
2. Remove the four screws and cover.
3. Slide the lockout switch to the right to the unlock position.
4. Replace the cover.
5. Re-power the system.
6. To program refer to table below.

Step	Display	Description
1	F or C	Fahrenheit or Celsius Scale Press the **set** key once to access the Fahrenheit / Celsius scale. The display will show the current status, either F for degrees Fahrenheit or C for degrees Celsius. *The thermostat has been pre-set at the factory for Fahrenheit.* Press the up or down arrow key to choose between the F and C.
2	S1 (blinking)	Setpoint Temperature Press the **set** key again to access the setpoint. The display will show the current set point. *The setpoint has been pre-set to 0 degrees F.* Press either the up or down arrow key to change the setpoint to the desired temperature.
3	DIF 1 (blinking)	Differential Temperature Press the **set** key again to access the differential. The display will show the current differential. *The differential temperature has been pre-set at 5 degrees F.* Press either the up or down arrow key to increase or decrease the differential setting.
4	C1 / H1	Cooling or Heating Mode Press the **set** key again to access the heating or cooling mode. The display will show the current mode. C1 for cooling or H1 for heating. The Thermostat has been pre-set for C1. ***Do not change this setting.*** The BF does not work in heat mode. Press the set key once more and programming is complete.

Note: Pressing the set key accepts the setting and brings you to the next step. You must push the **set** key through all steps to return to the temperature display to allow the compressor to operate.

TROUBLESHOOTING ERROR MESSAGES	
E1	Appears when either the up or down arrow key is pressed when not in the programming mode. **To correct:** If the E1 message appears even when no keys are being pressed, replace the control.
E2	Appears if the control settings are not properly stored in memory. **To correct:** Check all settings and correct if necessary.
EP	Appears when the probe is open, shorted or sensing a temperature that is out of range. **To correct:** Check to see if the sensed temperature is out of range. If not, check for probe damage by comparing it to a know ambient temperature between –30 F and 220 F. Replace the probe if necessary.
EE	Appears if the EEPROM data has been corrupted. **To Correct:** This condition cannot be field repaired, replace control.
CL	Appears if calibration mode has been entered. **To correct:** Re-apply power. If the CL message still appears, replace the control.