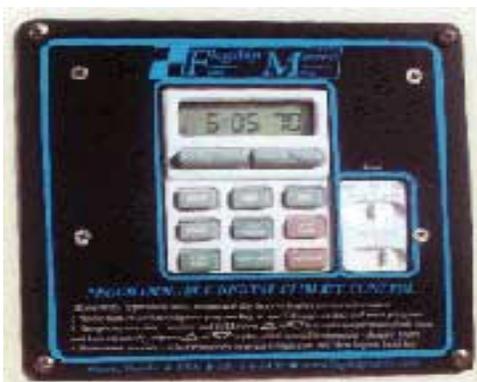**Flagship Marine Digital Control Installation and Operation**

The placement of your control is critical for its proper operation. Place it on an interior bulkhead, in a location that is protected from direct sunlight,the direct discharge of the air conditioning unit, and avoid a non-insulated engine room bulkhead that may be warm.

The tiny thermistor behind the aluminum face plate of your control senses the room temperature by actually measuring the faceplate temperature.

We suggest replacing the two AA batteries once a year - these are easily accessible by removing the four stainless phillips head screws on the faceplate as depicted below.

Simply connect the four color coded wires to your A/C unit by simply matching up their colors. (the "RC" and "RH" are jumpered together so attach the red to either one)

You have a choice of either a black or white faceplate as shown.

Outside dimensions are 5-1/2" wide (139mm) by 5-1/8" high (129mm)

Cutout dimensions are 4-3/4" wide (121mm) x 4-1/4" high (108mm) and it is 1-1/4" (32mm) deep

Initial set up

For your initial set-up and if you don't want to use the program features, follow these simple four steps:

1. Select heat or cool

2. Hold down either the up or down arrow buttons for a couple of seconds until the left temperature display flashes

3. Scroll up or down to your desired temperature using the up or down arrows. The left display is your desired temperature and the right display is the actual temperature.

4. Depress "return"

If no programs have been entered this setting will be permanently held or:

If programs have been entered that you would like to override, follow the above steps after the "HOLD" is displayed by depressing the hold button. To cancel this permanent override, again depress the hold

To completely erase all programs and return to the factory default settings, simply depress the "reset" hole with a paper clip or similar device.

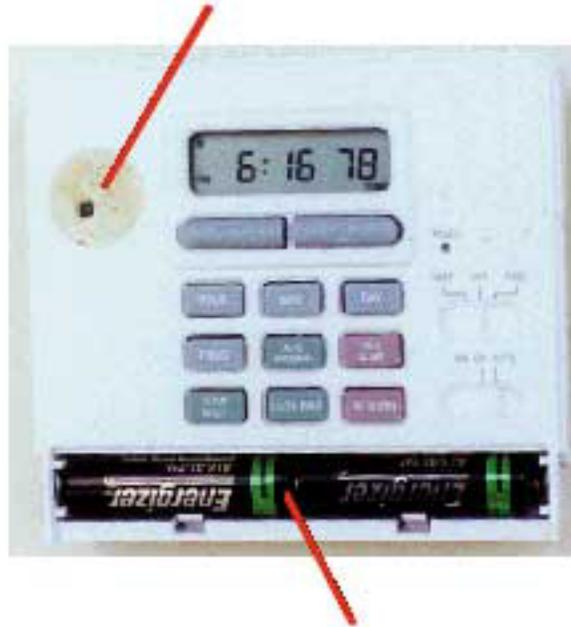Don't forget to replace the two AA batteries every year or so.

Optional Programming

When setting programs, remember that a program will not take affect until the time of that program is reached, so you may wish to temporarily override all programs initially.

First set the time, observing the PM indicator, and the day of the week by simply pressing the time and day buttons until the proper information is displayed. Then press return.

You can scroll through the eight available programs by pressing the program button repeatedly. The program number will be displayed in small numbers under the temperature and either Mon- Fri or Sat-Sun will be displayed at the top of the display. You must enter at lease one program for the four available Monday- Friday settings, and at least one program from the four available Saturday and Sunday programs.

The thermistor is insulated from behind and is in contact with the stainless steel faceplate, accurately measuring the vessel temperature and eliminating the need for remote sensors, resulting in exceptional temperature control.

Removing the stainless steel faceplate reveals the batteries that totally isolates and protects the electronics from shipboard voltage spikes and brownouts.

To enter a new program or change an existing program, scroll to the desired program with the program button, and then simply enter the time you wish this program to commence, and the temperature you desire at that time. The control will maintain that temperature indefinitely unless it reaches the time of another program.

For example, if you were to set only two programs for the Mon - Fri period, one being 76 degrees at 9AM and the second being 72 degrees at 5PM, the control would at 9AM maintain 76 degrees until 5PM, at which time it would maintain 72 degrees until 9AM.

Remember, these programs do not take effect immediately so you may wish to temporarily override these settings with the hold function.

Operation:

    If the entire display gets dim, the battery needs replacement.When "cool" or "heat" is displayed, it indicates that the control has turned on the air conditioning or heating unit.

    If you want the fan to operate constantly, set the left switch to "ON". If you want the fan to operate only when actually in the heating or cooling mode, set this switch to "AUTO".

    If in the heat mode, the fan does not operate properly, check to make sure the slide switch on the printed circuit board is on the "HE" (heat electric) connector rather than the "HG"(heat gas) connector. For troubleshooting purposes, the red wire is the 24V power supply, the green wire activates the blower relay, the yellow wire activates the compressor and pump relay and the white wire activates the heating element relay.

    You may display either Celsius or Fahrenheit scales by sliding the upper slide switch on the printed circuit board and then depress the reset button.