

Cooling tank with UMI refrigerator

Set-Up

- (1) Plug Thermostat Box into outlet on motor.
- (2) Place coils in tank away from glass walls.
- (3) Place the temperature sensor in the water at opposite end of the tank.
- (4) Place motor where air flow is open.

Direct the air outflow from Fluval or Powerhead so that water circulates through the coils and prevents ice from forming.

Temperature settings

The unit may be factory pre-set at 9C with a differential of 2 degrees.

The unit will run until the water temperature reaches 7C then shut off. When the water returns to 9C, the unit turns on and cools the water to 7C again. The default display shows the present water temperature.

Change the temperature (set point)

1. Press Menu until 'SP' flashes. - this may take 20 seconds. The display shows the present Set Point of the refrigerator.

If you do not proceed to (2) before 30 seconds has elapsed the display reverts to the sensor / tank water temperature.

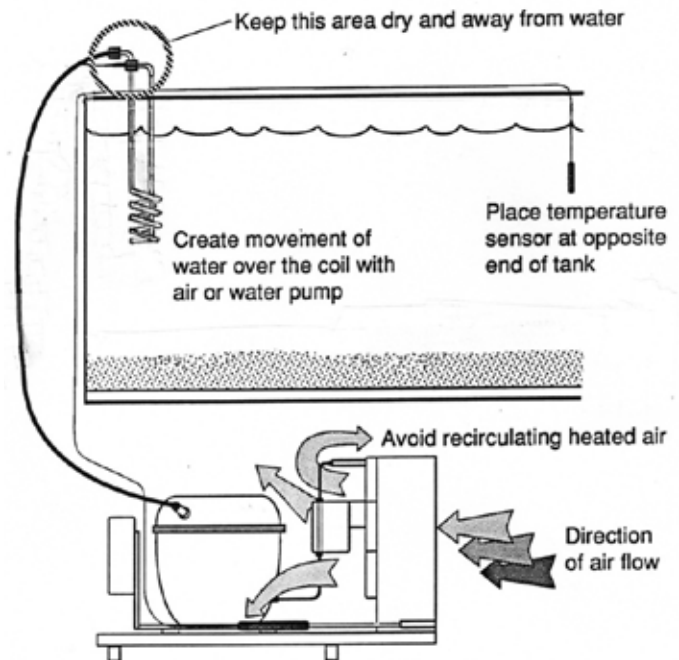
2. To change, press Arrows Up or Down
3. Press Menu again to save this setting.

To change the Differential

4. Press Menu again.
5. Press Arrows up or down until 'diff' is seen on menu screen.
6. Press menu to read the present differential - One or two degrees differential is recommended.
7. Press arrows up or down to change setting.
8. Press Menu again to save this setting.

To change the setting to Centigrade

Press the Up and Down buttons at the same time and hold until the display reads C.



Maintaining the system

Avoid overworking the compressor. Keep your tank TIGHTLY covered with styrofoam/insulation at all times.

Safety: Attach to a Ground Fault plug or use a Portable ground fault cord. These will interrupt the power if moisture is present and the refrigerator will turn off and remain off.

Clean the compressor (vacuum for dust every year) and position compressor with constant access to air (do not enclose).

To order/repair

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