

AQUARIUM CHILLERS

Operating Instructions

1. Plan ahead, setup and test system several weeks before actual use. Unpack immediately, inspect and test for damage due to shipping. Report if any damage is found.
2. Only stainless cooling coil and thermostat bulb are to be immersed in aquarium water along back wall of tank. Foam covered return line hooks over tank top edge down outside of tank, then back to compressor unit.
3. Always use a heavy extension electrical lead, 16 ga. or heavier 3-conductor wire with grounding plugs on each end. It is also recommended to use a ground fault type wall outlet.
4. The new digital thermostat control has an LCD temperature readout. Though calibrated at the factory, one might double check its accuracy with a second thermometer at the beginning of your project.
5. To change settings: Push the "set" to enter program mode. Use arrow keys to change settings. See detailed Thermostat instructions. Glacier recommends the following settings:
 - set- F or C: Fahrenheit or Celsius scale....operator preference
 - set- S-1 (blinking): setpoint temperature (the lowest temperature that the unit shuts off). Recommended: 39°-60° F
 - set- DIF-1 (blinking): the differential setting (this number plus the setpoint value is when the unit turns back on). Recommended: 3-5° F (factory is set at 5°)
 - set- C1/H1: This must be set at C1 or cooling mode. (factory is set at C1)
6. A lock-out switch to prevent tampering of settings is available inside of the thermostat cover. To access this switch: ****FIRST - DISCONNECT POWER CORD**** Then unscrew the four faceplate cover screws, set switch to desired position, replace cover screws and reconnect power cord. (See advanced instructions for details)
7. Care must be taken with the foam enclosed flexible refrigeration lines. **DO NOT USE THIS LINE AS A HANDLE WHEN PICKING UP UNIT!** Carefully unroll the coil as shipped. When forming bends, keep bend radius about 6° or larger. Excess refrigeration line can be left coiled up if possible.
8. Do not block air flow to condenser unit. Unit should not be run for more than several minutes unless coils are submerged in water.
9. Special J&H series can be used in sea-water aquariums, consult factory first.
10. Cooling coils on units suitable for marine sea-water should not be left in stagnate, non-moving or non-aerated sea water.
11. Maximum aquarium used with these units so far is 80 gals @ 60°.
12. Any questions or suggestions please call 714-557-2826.

Glacier Limited Warranty: Glacier Corporation warrants chillers for one year from invoice date to be free from defects in materials and workmanship. Glacier will at its sole option repair or replace the product with a like product. Glacier will not be responsible, or liable, for damage to other property caused by an defect in the product or damages based upon inconvenience, loss of use, or loss of time. Warranty does not cover damage due to shipping or misuse of product. To Get Service: Call factory to authorize return. Take or ship product prepaid, in the original container if possible, to factory. Glacier Corp. will repair or replace and return ship prepaid by ground freight to customer.

Glacier Corporation
2610 Halladay
Santa Ana, CA 92705
Tel: 714-557-2826
FAX: 714-557-2823