

**APPENDIX 1**  
**OPERATING INSTRUCTIONS FOR PHYSITEMP**  
**PUMP AND TANK UNIT, PTU-3**

1. Unscrew cap. Fill reservoir with 5 gallons of distilled water.
2. Connect extension tubing to the back of the controller and the connections on the tank. Direction of the flow is not important. All water fittings are automatically self-sealing when disconnected to prevent water spills.
3. Connect the AC line cord to the receptacle on the pump and to the outlet on the rear of the controller. This ensures that water is always flowing when the controller is on.
4. Switch on the controller.

**GENERAL INSTRUCTIONS**

The use of distilled water is recommended. This avoids discoloration of the tubing due to organic matter in untreated water. A purification agent can be added to the water. Any commercially available dehumidifier treatment in liquid, powder or tablet form may be used.

If the stage will be operated for long periods, water temperature may gradually increase. Ice cubes can be added to the tank to maintain low temperature.

The tank should not be placed more than three feet below the stage itself.

When filling the reservoir for the first time, or when refilling it, a small amount of air may become trapped in the pump housing and cause intermittent noise, cavitation and a reduced flow rate. If this occurs, screw the cap firmly onto the tank and, while pump is running, tip it at an angle of approximately 45 degrees to the horizontal in all four directions as shown below. This will eliminate air in the pump housing and restore flow to its maximum.

