

AquaEuroUSA™

MIGHTY PRO 1/10 HP CHILLER



- FOR TANKS UP TO 80 GALLONS
- TOP QUALITY & HIGHLY EFFICIENT
- INTEGRATED DUAL STAGE THERMOSTAT
- 1 YEAR WARRANTY

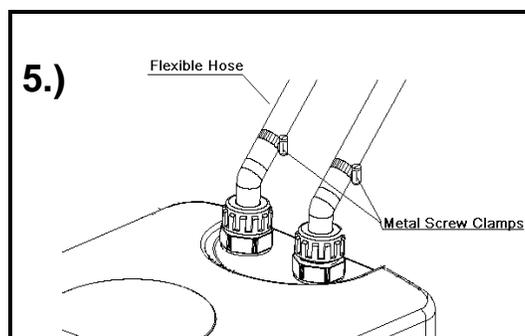
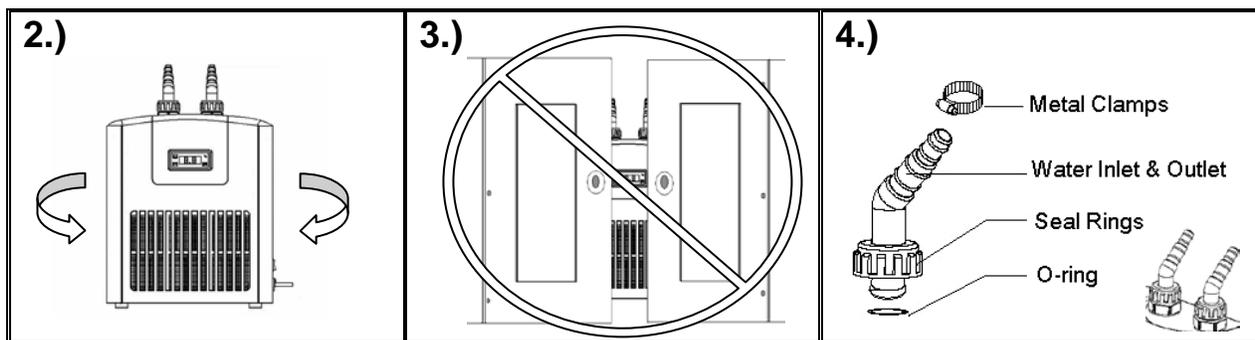
INSTRUCTIONS

SET UP

1. Remove chiller and accessories from box. Examine for damages.
2. Place chiller on a stable, flat, even surface in an area that will receive good ventilation and allow for air flow. Allow at least 2' around front, back and side of chiller for proper ventilation.
3. Do not store chiller in a closed location that does not receive air flow such as a closet or cabinet. Chiller must receive air flow. (A fan may be required to draw warm air away from chiller). Keep away from heat sources to maintain optimal temperature. Maximum operating temperature for this chiller is 95° Fahrenheit.
4. Assemble inlet and outlet plumbing fittings and connect to the chiller. Chiller is labeled near fittings with IN and OUT for proper installation. Make sure seal rings are properly positioned.
5. Connect external flexible hoses to the inlet and outlet, tighten the metal screw clamps so that hoses do not disconnect while chiller is in use.
6. Only use a pump that provides between 420 to 720 gallons per hour.

Before turning chiller on:

7. Once all connections are made, circulate water through chiller for 30 minutes before turning the unit on. Check all connections for water leakage and/or obstruction. Check pump is operational and unblocked.



PROGRAMMING

1. Plug the chiller into a dedicated GFCI (ground fault circuit interrupter) protected 115V (60Hz) electrical outlet. The power button will come on and the LCD operating plate will display the current water temperature.
2. Press the “SET” button to adjust to the desired temperature.
3. Press ▲ to increase the temperature and ▼ to decrease temperature.
4. The chiller begins to operate at a temperature that is 2°F below the actual water temperature. After approximately 2-3 minutes of warm-up, the chiller will begin normal operation.
5. The “COOL” display will illuminate when the chiller is in operation.

HEATER CONTROL

1. The chiller’s temperature controller can also control any 110v submersible aquarium heater (max 300 watts). The temperature controller setting for the heater and the chiller should be set to the same temperature.
2. Install the submersible heater (not included) into sump or aquarium and use a drip loop so that water will not drip into the heater port.
3. Connect the heater to the port located on the back side of the chiller. The heater will begin operating at a temperature that is 2°F below the set water temperature due to the fact that the chiller’s default temperature differential is 2°F.
4. The “HEAT” display will illuminate when the heater is in operation.

SAFETY



WARNING: FOLLOW THE SAFETY PRECAUTIONS BELOW TO PREVENT PROPERTY DAMAGE, FIRE, PERSONAL INJURY AND LOSS OF LIFE.

This chiller is designed and built with safety as a prime concern. Each chiller is checked at the factory for safety and proper operation prior to shipment. Read and follow the safety rules before installation, operation and performing routine maintenance. Failure to follow these rules voids the warranty and may result in damage to the chiller or personal injury.

1. Do not attempt repairs by yourself. Do not try to repair a chiller that was damaged in shipment or damaged during use. Contact the manufacturer or your retailer in the event of malfunction.
2. Unplug chiller before putting on or taking off parts, before cleaning and when not in use.
3. Do not submerge chiller in water.
4. Keep all connections dry and off the ground.
5. Do not touch electrical plug with wet hands to connect chiller to outlet.
6. Do not allow water or salt to come in contact with thermostat or power cords.
7. Do not allow electrical components to get wet. If electrical components get wet, unplug the chiller immediately.
8. Do not operate the chiller if you smell smoke or there is burning.
9. Do not operate the chiller if cord or plug has been damaged in any way.
10. Do not operate chiller without water flow to the unit (evaporator housing may freeze up and damage the chiller).
11. Properly connect chiller to a three-pronged grounded outlet.
12. Connect chiller to a ground fault circuit interrupter (GFCI).
13. Only 115v (60Hz) electrical source should be used with chiller.
14. Leave a drip loop in the power cord to prevent water from running the length of the power cord and reaching the power outlet.
15. Do not use extension cords.
16. Do not expose chiller to outside elements.
17. Use only manufacturer's genuine replacement parts. The manufacturer is not responsible for hazards caused by the use of unauthorized parts.
18. Keep a copy of this instruction sheet for reference.

MAINTENANCE

Warning: Do not touch chiller, cord or electrical plug with wet hands. Disconnect chiller from electricity (power supply) before performing maintenance, moving or adjusting chiller.

Every Month:

1. Remove grill, clean dust and debris away with vacuum or a jet of air.
2. Clean the dusk cover.
3. Check water pump and filter supplying water to chiller to ensure good water flow.
4. Clean the heat exchanger with clean water.

Every 6 Months:

1. Clean filter pad, rinse filter with clean water to remove deposits, bacteria and impurities captured by the filter. Air dry filter pad before replacing.
2. Use compressed air to clean debris and dust from the heat exchanger.

CAUTION:

- Do not stack anything on top of chiller.
- Place chiller unit in a well ventilated area.
- Make sure the ambient temperature does not exceed 95° Fahrenheit.
- Do not use a pump with more than 20 feet of head pressure rating.

Aqua Euro USA™ One-Year Limited Warranty

Inspect chiller when it is received. If chiller is received damaged, notify the carrier, note damage on freight bill. Otherwise no claim can be made against the carrier.

Aqua Euro USA™ guarantees this product, to the original purchaser, against defects in components, materials and workmanship (that occur under normal use) for a period of ONE (1) YEAR from the date of retail purchase. The warranty is not transferable and is confined to the original retail purchaser only. The warranty does not extend to damages caused by power surges, saltwater corrosion, improper installation or any form of abuse. The warrant does not apply if (1) damages result from misuse, accident, lack of reasonable care or abuse, (2) the product is not purchased from Aqua Euro USA™ or an authorized dealer, (3) damage due to modification or alteration that is made to the product (4) wrong circuitry or unspecified electrical input to the chiller, (6) the site (location where the product is kept) conditions do not conform to the recommended operating conditions for the chiller, (6) the original brand name is removed, obliterated or altered from the product.

Contact the company at www.aquaeuroussa.com

Purchaser pays any postage, shipping and insurance fees to return chiller. If the needed repairs are covered by the warranty, the company will pay the return shipping charges to destinations in the U.S.A. or Canada.

Again, in the event of product failure within the warranty period, please contact the store where the product was purchased for further instructions for repair or replacement. Repair or replacement will be carried out through Aqua Euro USA™ or its authorized dealers. A return authorization number and a copy of original purchase receipt are required for return of the defective product. After any repairs/replacement of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of warranty. Moreover, the time taken for repair/replacement and in transit whether under the warranty or otherwise shall not be excluded from the warranty period.

Limitation of Implied Warranties and Exclusion of Certain Damages.

Limit of Liability: For any single claim, the limit of liability under this contract is the least of the cost of (1) authorized repairs, (2) replacement with a product of equal or greater value, (3) reimbursement for authorized repairs or replacement, or (4) the price that you paid for the product. (No cash refunds will be made). The total liability under this contract is the purchase price you paid for the product; in the event we replace the product or reimburse you for replacement of the product with another product of equal or greater value, we shall have satisfied all obligations owed under this contract.