"pH Control from A Masterpiece of Craftsmanship"

# The Aquathin™ Acid Neutralizer

*Acidic water is predominant in many wells in the United States and other industrial areas of the world. When acidic water runs through your plumbing, it dissolves the Copper, forming toxic Copper Sulfate, which might be seen in the form of blue-green stains in your sinks, bathtubs, and toilets. Eventually, pipes that carry acidic water will develop leaks. Depending on how acidic the water is and the age of the pipes, those leaks can produce devastating water damage and enormous plumbing and repair costs. Aquathin has the answer to this problem -- The Aquathin Acid Neutralizer.*

**What is it?**

*A single, heavy-duty, specially designed fiberglass tank filled with one cubic foot of Calcium Carbonate commonly known as Calcite (or combined with Magnesium Oxide dependent on acid levels).*

**What does it do?**

*As the acidic water flows through the Calcite in up-flow manner, it dissolves the Calcite. Calcite is an alkaline mineral and will bring your pH to neutral.*

**Where does it go?**

*On the main water line as it comes into the house, so all the water in the house is neutralized.*

**What maintenance does it need?**

*This system operates with no moving parts. The basic maintenance required is replacing the Calcite when it runs low. Your Aquathin representative will give you an estimate of how often you can expect to add Calcite based on your level of acidity and your water usage.*

**Why do I need it?**

*Unfortunately, having acidic water means that you will either pay now or pay even more later -- now to fix the problem or later to replace all you plumbing and repair water damage. Solving the problem now is a much less expensive alternative.*

PRESIDENTS AWARD FOR EXCELLENCE IN EXPORTS

EPA EST. NO. 52531-FL-01

Purifying the Waters of the World...

aquathin

For the Best Taste in Life!

# aquathin Calcite Feeder model ACF

## INSTALLATION PROCEDURE

Thank you for purchasing the state of the art ACID NEUTRALIZING FEEDER by AQUATHIN. Your CALCITE FEEDER is made of the finest structural components and calcite available today.

1. Unpackage the AQUATHIN CALCITE FEEDER with trucker present and verify that the unit has arrived without being damaged in transit.

2. Be sure all plumbing codes are observed during installation.

3. Be sure the area where the CALCITE FEEDER will be installed is swept clean before the unit is positioned for installing to avoid tank puncture. If installed outdoors, put down plywood or a concrete stone in order to provide a flat, even surface for the CALCITE FEEDER to be placed upon. (CAUTION: This unit will crack if allowed to freeze)

4. Turn off the main water supply valve.

5. Turn off the power source for the electric water heater or, if gas, turn heat control to pilot. If a shut off valve is provided on the inlet side of the water heater, close that during the CALCITE FEEDER installation.

6. Relieve water pressure by opening up any cold water faucet before cutting the water line to make the installation.

7. Solder pipes to adaptors which will be screwed into the bypass valve.

   NOTE: The by-pass and header is made for the AQUATHIN MEGACHAR (BFF-I/O), but adapted to the CALCITE FEEDER. The flow must be reversed to achieve an up-flow installation. This allows proper contact time with the calcite while avoiding hardening.

8. Screw adaptors into the bypass valve before mounting the bypass valve onto the CALCITE FEEDER.

9. Attach the bypass valve to the CALCITE FEEDER using clips provided and tighten screws.

10. Wrap a wet rag around the bypass valve to prevent internal damage by heat transfer as you proceed with soldering.

11. As you stand in front of the unit the inlet is on your left. Disregard the arrows stamped into the by-pass, the flow is reverse. (SEE NOTE STEP #7)

12. Once plumbing is completed, with the bypass valve in the "bypass" position, open the main water valve and check for leaks.

13. If there are no leaks, open the inlet valve to the water heater and restore power or gas setting on the water heater.

14. Open the household faucet closest to the CALCITE FEEDER installation.

15. Slowly move the bypass valve to "service" position. Allow the faucet to remain open until the water becomes clear. When the water is clear, close the faucet.

16. We trust your installation was carefree and we thank you for your purchase.

We know you'll appreciate the many benefits of your new AQUATHIN CALCITE FEEDER and look forward to being your continued choice for professional water treatment.

Again our thanks. Please promptly complete and return the warranty card to AQUATHIN CUSTOMER SERVICE

### SPECIFICATIONS:

| | |
|---|---|
| TANK SIZE | 10" X 48" |
| PIPE SIZE | 1" IN/OUT COMPLETE with BY-PASS |
| PATH OF FLOW | UPFLOW |
| SHIP WEIGHT | 135 lbs |

**All components are manufactured from the finest raw materials available and carry one or more of the following validations to insure system function and integrity: NSF Certified, FDA Approved, UL Listed, CSA, CE, BSI, TUV, ANSI Approved.**

**Distributed by:**

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