

METALTRAP¹⁰

Pool & Spa Pre-Filter

Specifically Engineered to Remove Iron, Copper, and Manganese from Fill Water

Capacity: 10,000 gallons (Based on 1 ppm total metal content)

CAUTION: READ THE ENTIRE LABEL BEFORE USE. DO NOT DROP THE FILTER. NEVER SUBMERGE IN WATER.

DIRECTIONS:

1. CONNECT THE VALVE: Locate the arrow sticker on the left end of your filter. That is the inlet side. The arrow indicates the direction of the water flow. Unscrew the red cap located on the end closest to the arrow sticker. Attach the threaded valve connector to the inlet of the filter. Hand-tighten only.

2. ATTACH THE HOSE: Attach a hose to the filter, using the swivel hose connector on the valve. Remove the red cap at the other end of the filter. Open the valve in the same direction as the arrow. Do not introduce new water directly into the pool or spa until you have completed all the steps. Proceed with flushing the unit away from the pool and spa area.

3. FLUSH: IMPORTANT! For initial use, flush water through the filter for 1-2 minutes until water runs completely clear. After initial use, the flush time required will be reduced. However, it is still recommended to flush for at least 15-30 seconds prior to each subsequent fill or top off. (NOTE: If any particles or debris enter the pool or spa water, please vacuum to remove them as soon as possible.) The METALTRAPTM Filter is designed to handle 1 ppm of total metal content at 4-8 gpm. Actual flow rate and metal removal will vary.

4. TEST FOR METALS: Always test for metals prior to introducing new water into the pool or spa. Please keep in mind that metal levels vary greatly from source to source, season to season, and even daily within the same well depending on the depth of the water being pulled. This step is especially important if using well water that you suspect is highly contaminated with iron! **Never add water to the pool without testing first.**

- Fill a white 5-gallon bucket of water before filling the pool or spa!
- PLEASE NOTE:** Not all metals are visible by the naked eye!! Water can look clear but still be highly contaminated with metals! Use test strips for iron, copper, and manganese or do the following "chlorine test" to VERIFY the elimination of metals.
- CHLORINE TEST:** Even if water appears to be clear, there still may be some dissolved metals that can react with chlorine. To test, simply add a small amount of chlorine (shock, tabs, liquid, etc.) to the bucket of water and see if any discoloration or reaction occurs. If water remains clear, proceed with filling the pool or spa. If a reaction does occur, slow the flow to allow more contact time within the filter to pull out the higher metal levels. Repeat the chlorine test until the water remains crystal clear.

5. CUSTOMIZE THE FLOW FOR YOUR WATER: Customize the flow to meet your specific needs!! Simply adjust the ball valve as necessary to slow the flow of water. The METALTRAPTM Filter can handle metal levels even higher than 1 ppm if used correctly. Remember, it's all about CONTACT TIME! **The HIGHER the level of metals, the SLOWER the flow rate should be.** If you desire a faster flow rate, please consider a larger filter or connect two filters together to get the extra contact time needed within the METALTRAPTM.

6. FILL: Once the water is completely clear, lay the filter at the edge of the pool or spa or connect a second hose to the outlet of the filter, if desired. Continue filling with purified water. **NOTE: Never set it and forget it!!** If you are filling an entire pool, please monitor the filter and metal levels regularly, as the metal levels can vary greatly within a well when large volumes of water are being used. Repeat the chlorine test and adjust the flow as needed throughout the fill process.

7. STORAGE: After use, drain the trapped water from the unit away from the pool and spa. Allow the unit to air-dry overnight, if possible. Always keep the valve closed and the outlet cap on when the unit is not in use.

8. REPLACEMENT: The capacities of the filters are approximate and are based on 1 ppm of total metal content (iron, copper, and manganese combined). Actual capacity of the filters will vary depending on the water source and level of contamination. You will know when your filter has reached its capacity when you see a drop in your water pressure. Do not open or tamper with a used filter unit. Dispose of the entire filter.

9. LONG-TERM METAL MAINTENANCE: Always use LIQUID METALTRAPTM according to its directions to prevent against future staining and environmental metals. It is always recommended to keep your pH and chlorine levels on the lowest end of the acceptable range for your pool or spa. In the future, if any water discoloration appears or metals are ever suspected within the pool or spa, immediately lower your pH to 6.8 for plaster pools or 7.0 for vinyl and fiberglass pools, add LIQUID METALTRAPTM to deactivate the metals and follow immediately with TOTALTRAPTM POOL REFRESH to remove the metals permanently through your standard filter.

*If you have any questions or comments, please call us Toll Free at 1-888-730-6726 or visit us online at www.hydropuretechnologies.com. Thank you for using our METALTRAPTM products and welcome to the METALTRAPTM Family!