



## FRE-FLO™ Catalytic Water Conditioner: What FRE-FLO™ Technology Does and Does Not Do

*FRE-FLO Conditioning Water Naturally Since 1972™*

### 1. What is FRE-FLO™?

**FRE-FLO™ is a Catalytic Water Conditioner** with a highly specialized function to act as a catalyst to change the structure of the mineral calcium carbonate in water (from a hard crystalline structure to a much softer, smoother structure). Considerable evidence in nature shows that calcium carbonate ( $\text{CaCO}_3$ ) is naturally able to have various, substantially diverse forms and functions (such as in marble, limestone, seashells, and eggshells), while still remaining  $\text{CaCO}_3$ . You could therefore say FRE-FLO™ Technology is inspired by what nature is already able to do.

### 2. Briefly, can you explain what FRE-FLO™ does and does not do?

**FRE-FLO™ does provide a cost-effective solution for the problem of hard calcium carbonate deposits (“limescale” and “hardpan”)** that frequently build up on surfaces, slowing or stopping water flow in water-using equipment (such as in hotel, restaurant, hospital, or industrial equipment) and in soil pore spaces (such as in agriculture, golf course, community park, or other irrigation applications). FRE-FLO™ conditioned water is able to again flow freely.

**FRE-FLO™ is not a filter and is not a filtering system** (as it does not remove anything from the water, and it does not add anything to the water, rather it changes the crystalline structure of the calcium carbonate that is already in the water, from a hard crystalline form to a much softer, smoother crystalline form that does not build up hard deposits in water-using equipment or in soil pores).

**FRE-FLO™ is a water conservation tool in irrigation applications with up to 29% documented water savings** (FRE-FLO™ conditioned water opens up soil pores so water and nutrients are able to flow more fully, easily, and quickly through soil pores to root zones, instead of wastefully evaporating off of hard, compacted soil surfaces).

**FRE-FLO™ uses no electrical hook-ups, no wires, no grounding, no batteries**, does not require the use of any electrical current whatsoever (user-friendly, sustainable, and cost-saving safety features).

**FRE-FLO™ is non-polluting, non-toxic, non-hazardous** (FRE-FLO™ is an environmentally friendly, green technology that solves calcium carbonate scale problems, and as stated above, FRE-FLO™ adds nothing to the water. FRE-FLO™ uses no chemicals in daily operation and requires no hazardous waste sites. Also, FRE-FLO™ is lead free).

**FRE-FLO™ is not a magnet** (it is not a temporary fix lasting only a few hours or a few feet).

**FRE-FLO™ is not a water softener** (water softeners can remove beneficial calcium and magnesium, typically replacing these elements with an increase in water sodium or potassium chloride levels, which can be harmful to people and crops. Instead, FRE-FLO™ conditioned water has the big advantage of calcium and magnesium remaining in water).

### 3. How do you select a FRE-FLO™ model?

**Choosing a FRE-FLO™ model is straightforward. The most essential, completely necessary key to FRE-FLO's™ reliable performance is simply selecting the correct model size FRE-FLO™ unit**, which is based only on the gallons per minute (GPM) of water flowing into the FRE-FLO™. FRE-FLO™ functioning is water flow dependent. The water flow may start and stop as required. However, in order for FRE-FLO™ to work, when the water is flowing into the FRE-FLO™ unit, it needs to be in the range for the model size FRE-FLO™ selected. A list of model sizes with their correct range of water flow is provided in a one-page overview “Selecting Your FRE-FLO™ Model: A Quick Overview.”

FRE-FLO™ is made in the U.S.A.

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