

# OPERATING & MAINTENANCE INSTRUCTIONS

## AquaGenie SKIMMER/FEEDER

**AquaGenie** removes floating debris from surface water much faster than ordinary skimmers. In addition, it provides a constant controlled supply of chlorine to pool water automatically.

**AquaGenie** catches fine dirt, leaves, pollen, floating germ-laden scum before it becomes suspended in the pool water or settles to the bottom. (Ten times as much water must be run through filter to remove suspended dirt as to remove dirt caught while still on the surface.)

### **INSTALLATION**

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When the adjustable collar-feeder is installed, it will be necessary to connect the free end of the **3/16"** tubing (Item #9) to the base of the feeder tray. The fixed end of the **3/16"** tubing is attached to the pressure chamber, and should not be removed to make this connection.

When installed on pool, adjustable collar-feeder (Item #2 in accompanying pictorial chart) should be temporarily wedged up to the highest level so that the top is flush with the edge of the coping by using the extension collar provided if necessary. Before pouring concrete around **AquaGenie**, be sure to wrap a piece of polyethylene around the collar to prevent concrete from bonding to the plastic.

### **OPERATION**

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The **AquaGenie** feeder is operated by water being returned by the filter to the pool. This clean water is directed down and out through a nozzle slot in the orifice plate. The sheet-like jet of water created by this action causes counter currents which increase the effectiveness of the **AquaGenie's** skimming action. Pressure built up in the pressure chamber (behind the orifice plate) diverts some of this water through the tubing into the feeder tray. In the feeder tray a supply of chlorine is being constantly dissolved. Chlorine-laden water now pours over the tray's V-notch into the main sump of the **AquaGenie**, where it disinfects the water being drawn into the skimmer. Chemically treated water is then sent to the

filter for removal of solids and is returned to the pool.

If you desire to return the filtered water to the pool through an auxiliary return fitting, or through a jet nozzle installed on optional stairs, it's important to maintain water flow to **AquaGenie**. If the pool is equipped with such an auxiliary return, there should be a valve on the return line to the **AquaGenie**, and another valve on the line to the auxiliary return fitting. When using the auxiliary return line, don't close the valve on the **AquaGenie** return line. Keep it "cracked open" enough to continue a flow of water to the **AquaGenie**. Enough back pressure will develop to keep the feeder operating. As long as water is leaving the feeder tray over the V-notch, it is being chlorinated and returned to the circulatory system. For full benefit of **AquaGenie's** automatic skimming and chlorinating, do not use auxiliary returns unnecessarily. Keep **AquaGenie** operating normally, with full flow as continuously as possible.

### **AquaGenie CANISTER**

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Carefully read directions and cautions on **AquaGenie** canisters.

Insert canister in feeder tray with canister cap being near the outside wall of the feeder tray.

To prevent the possibility of a highly concentrated chlorine solution remaining in the feeder, or entering the pool, the feeder tray will receive no water from pressure chamber, and will automatically drain if the filter pump is shut down, or if there is a power failure.

**Never put any mater/a/ In the feeder tray other than AquaGenie canisters and Trichloro tablets. Contact with other brands of chlorine tablets may cause a violent reaction or explosion.**

### **MAINTENANCE**

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Always maintain water level of pool up to the water level marks on the **AquaGenie** face plate (see Sketch #1). Flow should be over the weir.

**Always bring water level up to marks as soon as possible.**