



AquaView™ AS

Sand Filter with 7 Position Valve

Model — 0-1709-014 14" Sand Filter

Model — 0-1709-017 17" Sand Filter

Model — 0-1709-020 20" Sand Filter

Model — 0-1709-024 24" Sand Filter

Owner's Guide



Did you read the **IMPORTANT SAFETY INSTRUCTIONS**? If not, **READ THEM NOW**. They contain very important safety information related to the installation of your filter. Familiarize yourself with the installation sequences by reading these instructions first. **AVOID SHORT-CUTS** that may result in reworking the installation.

BEFORE YOU BEGIN

The pool must be properly erected per your pool assembly and installation instructions before installing the filter. Install the surface skimmer and return fitting.

Before completing the filling of the pool to the water level indicator marks on the skimmer face plate, the filter and pump should be installed with all connections secured tightly.

TOOLS REQUIRED

- 3/8" nut driver
- Flat head screwdriver
- Flat shovel
- Carpenter Level
- Tape Measure
- 5/16" Nut Driver (optional)

MATERIALS REQUIRED

- Nine 12" x 12" patio blocks
- Waste hose - 1-1/2" inside diameter
- 1-1/2" hose clamp
- Silicone lubricant (available at pool dealer) and included
- Ordinary plastic bag
- #20 grade filter sand
Model 014 - 80 lbs.
Model 017 - 150 lbs.
Model 020 - 200 lbs.
Model 024 - 300 lbs.

INSTALLATION

INSTALLATION LOCATION

Install your filter and pump and any other related components at least 5 feet from the pool to prevent their being used as a means of access to the pool by young children. **Patio blocks provide firm support and keep standing water and weeds away from electrical parts. DO NOT** install your filter and pump base directly on the ground surface. Settling and stressing of circulation lines may occur during wet seasons. Position patio blocks as illustrated, use a shovel and carpenter's level to level ground before placing the blocks.

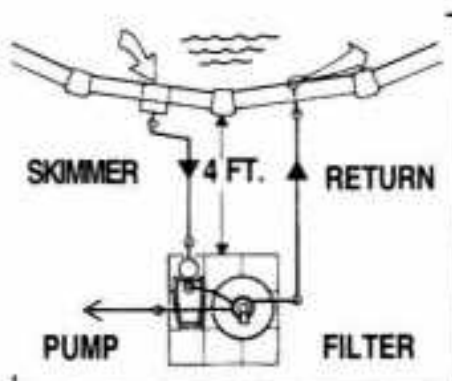


FIG 1

NEW FILTER START UP

AFTER ADDING THE CORRECT SAND, #20 grade filter (.4/.5 mm) sand, AND CORRECT AMOUNT.

BACKWASH FILTER PRIOR TO RUNNING IN FILTER POSITION. THIS WILL CLEAN THE SAND AND ELIMINATE FINE SAND PARTICLES FROM ENTERING POOL AND PLUGGING UP UNDERDRAIN SLOTS. AFTER BACKWASHING, RUN IN FILTER TO WASTE FOR APPROX. 30 SECONDS TO FLUSH FILTER. NOW THE UNIT IS READY FOR NORMAL FILTERING OPERATION.

POSITIONING FILTER/PUMP

Position the filter and pump as shown in Fig. 1. Make sure filter is positioned in base correctly, once sand is installed it will be difficult to move.

INSTALL FILTER SAND

Your filter is designed to provide peak performance using **#20 grade filter (.4/.5 mm) sand**. The sand should be uniform in size and appear as crushed sand with sharp edges. Rounded river bed sand will not filter properly. Consult your local pool store.

REMOVE VALVE

Remove valve from tank by pulling up and twisting back and forth.

COVER RISER TUBE

Slip a plastic bag over the riser tube and secure with rubber band.

INSTALL SAND

Gently pour filter sand into tank and level surface with palm of hand. Remove any sand from plastic bag and tank flange sealing surface. Remove rubber band and plastic bag.

REINSTALL VALVE

See illustrations on following page to install the valve and o-rings.

Position large square o-ring (308-1282) on bottom groove of valve, position the large round o-ring (308-1280) all the way up to the valve flange. Lubricate o-ring with non-petroleum grease. Place valve on tank top and press firmly until round o-ring is seated with tank flange.

Install tank clamp, sandwiching valve and tank flanges. Tighten clamp screws securely but do not over-tighten.

Please refer to the pictures on the following page for proper O-ring placement.

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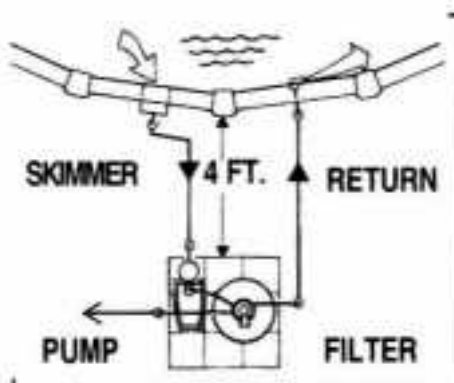


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VALVE INSTALLATION - PLEASE READ

STEP 1



Push Round O'ring up past the groove

Position Square Gasket in Groove

Position round o-ring all the way to the flange and position the square o-ring in the groove as shown. Lubricate with non-petroleum grease.

STEP 2



Position valve to tank by aligning underdrain riser tube with opening in bottom of valve.

STEP 3



Press down firmly until the large round o-ring is seated to tank flange.

STEP 4



Complete by installing tank clamp halves. Tighten clamp screws securely but do not over-tighten.