



## A.F. MARK II JET INSTALLATION INSTRUCTIONS

### INSTALLATION INSTRUCTIONS

Congratulations, you have just purchased the finest Hydro Therapy Jet available. Just a few hints on installation of your new A.F. MARK II JET and you will be well on your way to enjoying the wonderful world of Hot Water Therapy.

#### **INSTALLATION:**

1. Before drilling the 2-3/4" holes to install the jets, make sure the surface is flat so the wall fitting will have the best surface to seal against.
2. The gasket can be placed on the inside or outside surface of the radius, it may be necessary to install the gasket on the inside surface to obtain the best seal. Also if the gasket is to be placed on the outside surface, make sure the surface is smooth enough to seal. A little silicone in both areas will help seal the wall fitting and gasket.
3. Before inserting the wall fitting thru the hole, use silicone on the thread area of the WALL FITTING ONLY, filling the thread grooves. This will help seal the wall fitting and jet together.

**CAUTION:** DO NOT PUT ANY SILICONE INSIDE THE JET AS THIS WILL INTERFERE WITH THE ADJUSTING SLEEVE.

4. Using the wrench, tighten the wall fitting hand tight. It is not necessary to over tighten the wall fitting as the gasket and silicone will create a good seal. (Max. torque 6 foot pounds.)
5. After the jets are installed on the spa, you can proceed to connect the plumbing. Be sure air lines are placed in sockets marked "AIR" and water lines are placed in sockets marked "WATER." Use care when applying cement inside the slip sockets of the jets. If you use too much cement, it may be pushed down into the air and water ports causing interference with the jet operation.
6. Be sure air lines do not sag. If air lines sag, the jets may not aspirate properly. You may want to insert the wall fitting loosely in the jet until all the plumbing is installed and then follow steps 2 thru 6.
7. If a pressure test is required, a special reusable Test Plug is available.
8. After running the spa for fifteen minutes to clean debris from water lines install the directional eyeball assembly. The eyeball assembly will be held in place by threading the retaining ring into the jet until snug against the eyeball.

**NOTE:** USE OF AN AIR PUMP TO BOOST THE JETS IS NOT RECOMMENDED. THE A.F. MARK II JET IS DESIGNED TO OPERATE WITH MAXIMUM EFFICIENCY WITHOUT THE USE OF AN AIR PUMP.

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## A.F. MARK II JET OPERATION INSTRUCTIONS

### 1. Adjusting Flow of Water & Air Water Mix

**To Increase the Flow & Air Water Mix,** turn the flanged front of the eyeball counterclockwise.

**To Decrease the Flow & Air Water Mix,** turn the flanged front of the eyeball clockwise.

**To Remove Air** from the stream of water, turn the flanged front of the eyeball clockwise until no air is present in the stream.

**To Stop Water Flow,** turn the flanged front of the eyeball clockwise until flow stops. Maximum flow reduction is approx. 90 - 95%.

### 2. Directing Flow of Water

To change direction of the Hydro Therapy Stream, rotate the eyeball assembly until the stream flows in the direction desired.

