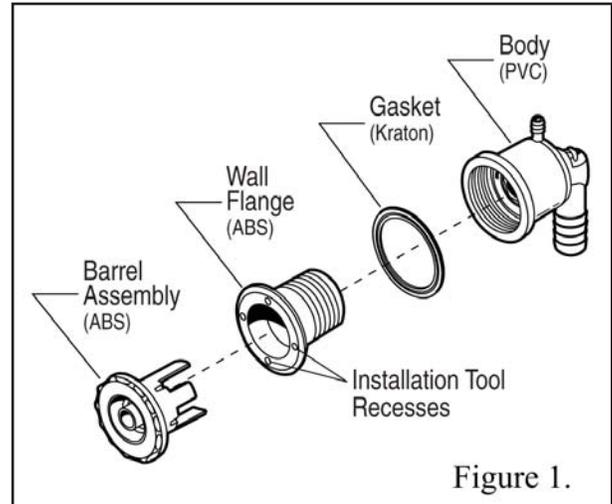


## Micro Jet Installation Instructions

1. Cut a hole in the spa wall 1 5/8 inches in diameter.
2. Position the gasket on the wall flange, see Figure 1.



3. Insert the wall flange into the drilled hole. **It is very important that the spa surface is clean to insure a proper seal between the spa wall and the gasket.**
4. Apply a small amount of silicone to the flange threads from the back of the spa.
5. Insert the Installation Tool into the recesses in the wall flange face.
6. Thread the jet body onto the wall flange from the backside of the spa.
7. Holding the wall flange, tighten the body onto the wall flange until hand tight.
8. Be sure the air and water plumbing ports are lined up at their desired position.
9. Insert a torque wrench into the Installation Tool, P/N 45271700, and tighten it to a minimum of 4 foot pounds, to a maximum of 5 foot pounds.



### CAUTION

Do not over tighten as this may cause damage to parts and leakage may occur.

10. Make the appropriate plumbing connections to the jet body. Be sure the glue is not allowed to run into the jet body.

#### Note

Refer to the Glue manufacturer specifications for material compatibility with PVC and Vinyl tubing.

11. Install the barrel assembly into the jet body by inserting and rotating the barrel with light pressure until it snaps into place. It will move freely to the left and right without pulling out.

#### Note

To remove the barrel assembly, place the flat blade of a screwdriver between the barrel assembly and the wall flange. Lift up on the screwdriver until the barrel assembly comes out of the spa wall.

## **Micro Jet Application Recommendations**

Thoroughly read and understand these application recommendations and installation instructions before installing the Micro Jet.

While installation is simple, there are many variables with each spa manufacturer's process that are beyond BWG's control. Therefore we **STRONGLY RECOMMEND** that every OEM thoroughly test the application of this jet before using it on their production line.

The design of the Micro Jet creates a seal at the front (acrylic side) of the spa. There are advantages to sealing at the front of the spa.

- Acrylic is an optimal smooth sealing surface, much better than sealing from the back of the jet.
- Sealing at the inside of the spa wall can prevent potential leaks or fiberglass delamination.
- To fully gain these advantages, the mounting surface must be flat and clean.

Examine the drilling process. The hole must not be drilled larger than 1 5/8 inch in diameter.

Do not allow the hole saw to "work or walk" during drilling! This could produce a hole that is off center or not round. Ensure that your hole saw is sharp. A dull hole saw will create excessive heat. The excessive heat will cause the acrylic to curl up at the edge of the hole, leaving a burr. These conditions will impede the sealing process.

**SAVE THESE INSTRUCTIONS.**