



# JET ARRAY™ INLINE

CMP 23308-930-000

U.S. PATENT 7,493,665  
U.S. PATENT 6,804,841

DESIGNED AND MANUFACTURED IN PARTNERSHIP WITH SULTAN PRODUCTS, LLC.

*The Jet Array Inline therapy jet is a completely new type of jet for gunite pools and spas. It is self-contained with no additional parts to assemble. There are two connections to the jet: water and air. The inlet ports are sized at 2-1/2" for maximum flow rates of up to 55 gallons per minute but can be reduced down as needed. A single Jet Array works very well at 18 GPM.*

The unit is installed completely inside the gunite structure with only the "jet ports" (pipes extending from unit) extending into spa or pool. These jet ports will be cut to fit later. You will notice the Jet Array has bottom and top inlet ports. If a single unit is used, install plumbing from water and air into the correct port and cap the bottom ports. This way the unit can be pressure tested with the rest of your plumbing. **IMPORTANT: The Jet Array unit is NOT reversible. Pay careful attention to which side is water and which is air! If you are connecting two or more units together, remember to calculate the correct gallonage you will need.** Installation is quick, easy, and with no "go-backs" after project completion.

## PLUMBING

- To install the Jet Array Inline as a single unit, simply connect it to the therapy jet water line for the spa or to the return line to the pool. The unit can be installed horizontally or vertically. For vertical installations position the air inlet port on top and the water inlet port below. For horizontal installation connect water and air to the top of the unit.  
The Jet Array Inline may be installed with other Jet Array Cluster or Inline units. *Always remember to calculate the correct water flow desired.* (Jet Array Inline operates from 18 to 55 gpm.) If you are interconnecting Jet Array Inline units by attaching one below the other, a separate air line is needed for more than three connected units. (The Jet Array pulls a lot of air, so don't rob the other jets!) Limit the number of Jet Array units on any air line to four so as to ensure maximum air flow. More than four units can be installed on a single air line as long as the reduced air flow is acceptable.
- Install a Harford Loop in the water line in the bond beam and connect the water to the unit. Connect the air line to the unit and stub the line to pull in outside air. **The Jet Array does not need a blower!** Keep the air line stub up as close to the pool or spa as possible. *Do not reduce the size of the air line.* Install a plumbing "U" at the top of the air line (two 90's and a short stub) to prevent pulling in debris.
- Once the unit is plumbed in, secure it by using steel rebar pins pounded into the dirt wall of the pool excavation. Square up your Jet Array and confirm proper placement for the desired height of the jets from bench level. Use tie wire to secure the unit to the rebar pins. **REMEMBER: the unit will get 'shot' by a powerful gunite stream and you do not want to knock it loose.**
- In a tight corner the Jet Array can be installed vertically. Always confirm your correct air and water line connections. The Jet Array unit is NOT reversible.

## ALWAYS PRESSURE TEST ALL PLUMBING BEFORE GUNITE!

### STEEL REINFORCING & GUNITE

Steel reinforcing should be placed behind the Jet Array and allow space for gunite material to be placed at a minimum thickness of 3" on all sides and at least 2" in the front. Although the front face of the Jet Array can be gunited over, you may find that 'feathering' the gunite down to the front face avoids finishing gunite between the Jet ports. Quickcrete or similar product can be used to fill in the void at the 'preparation for interior' phase of work. The Jet ports should still be extending into the spa or pool.

### INTERIOR FINISH PREPARATION

Use waterproof cement to finish in between the jet ports. Leave the jet ports extended into the spa or pool. The ports will be cut to finish level with interior.

### WRAP UP

The Jet Array is self-contained, so once its installed and the Jet ports are cut to fit you are done. Once the pool equipment is operating the Jet Array will start up, clear the air line, and give the best therapy action available for gunite spas and pools.

*For the most up to date instructions visit [SultanProducts.com](http://SultanProducts.com) or [C-M-P.com](http://C-M-P.com)*



CMP P/N	DESCRIPTION
<b>JET ARRAY ACCESSORIES (SOLD SEPARATELY)</b>	
25523-750-000	WHITE TRIM FLANGE
25523-751-000	GRAY TRIM FLANGE
25523-754-000	BLACK TRIM FLANGE
25523-757-000	DARK GRAY TRIM FLANGE
25523-759-000	TAN TRIM FLANGE