



# CUSTOM MOLDED PRODUCTS

## Adjustable Flow Multi-Nozzle DECK JET

PATENT PENDING

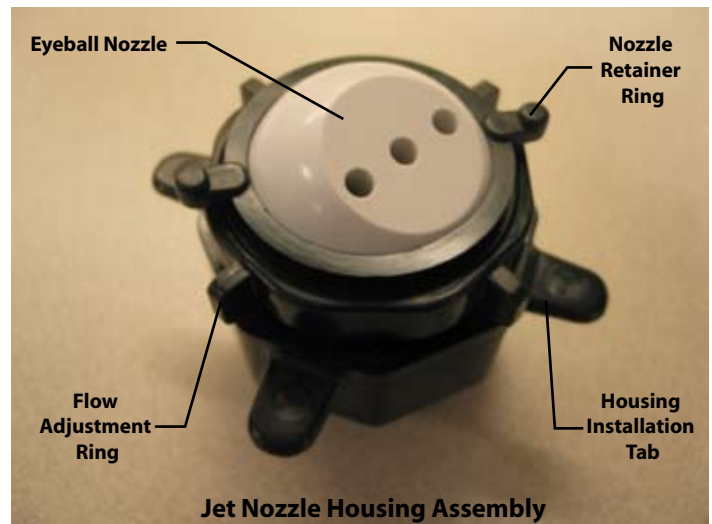
CMP# 25598-300-000

### INSTALLATION INSTRUCTIONS:

- Determine the proper size of the main feed pipe:  
Use 1-1/2" pipe for up to 8 Deck Jets  
Use 2" pipe for up to 12 Deck Jets  
Use 2-1/2" pipe for up to 16 Deck Jets
- Install a ball valve on the main feed pipe near the pump to adjust the total water pressure delivered to the deck jets.
- Reduce the piping to 3/4" pipe. When installing more than one deck jet it is necessary to create an equal pressure loop to equalize the pressure in the line.
- The body is ABS plastic and designed to allow for 3/4" plumbing with straight pipe or an elbow. **Use only PVC/ABS glue** to secure the pipe to the body.

Nozzle Style	Measurement	Distance of Water Stream (Ft.)					
		2	3	4	5	6	7
Fan	GPM	N/A	1.0	1.1	1.2	1.4	1.8
	PSI	N/A	1.7	2.3	2.6	3.6	4.7
	Span of Stream	N/A	11"	24"	35"	61"	96"
	Height of Stream	N/A	12"	17"	22"	36"	47"
3-Stream	GPM	1.2	1.6	1.9	2.2	2.5	2.8
	PSI	2.0	2.5	3.5	4.2	5.1	6.0
	Span of Stream	8"	12"	18"	20"	24"	30"
	Height of Stream	9"	14"	20"	24"	30"	36"
3/16" Stream	GPM	0.4	0.5	0.7	0.75	0.8	0.9
	PSI	1.5	2.1	2.4	2.8	3.2	3.6
	Height of Stream	10"	15"	21"	25"	31"	38"
1/4" Stream	GPM	1.2	1.5	1.8	2.0	2.2	2.5
	PSI	2.0	2.5	3.2	4.0	4.6	5.5
	Height of Stream	10"	16"	22"	27"	32"	40"
5/16" Stream	GPM	1.5	1.9	2.3	2.6	2.9	3.2
	PSI	2.0	2.8	3.8	4.5	5.4	6.2
	Height of Stream	6"	9"	14"	17"	20"	26"

- Anchor the deck jet body and protective cover so that the top is level with the height of the finished deck. Use protective cover to protect deck jet while working on pool and laying deck.
- Remove protective cover, wrap the threaded plug with teflon tape, and install into the deck jet body. Be sure not to over tighten. Replace the protective cover. Leave the plug installed and keep the pipe pressurized during installation.
- Once the deck is finished, remove the protective cover and remove the plug. Turn on the pump, open the valves, and run water through the lines to remove any debris that may have collected.
- Take the jet nozzle housing assembly and install in the body by turning the installation tabs (hand tighten only - do not over tighten - see photo).
- Adjust the position of the eyeball nozzle and adjust any valves in the line to achieve the desired flow. To balance the flow, the flow adjustment ring may be turned by hand (clockwise for less flow, counter-clockwise for more - see photo). Do not over tighten jet nozzle housing assembly when adjusting flow.
- If the stream is disrupted, remove the jet nozzle and check for debris.
- To winterize the deck jet, first remove the jet nozzle housing assembly. Next blow air through the lines, and install the plug.
- To change the eyeball nozzle, remove the retaining ring (see photo).



TIP: When adjusting multiple deck jets, keep in mind the water has to go somewhere. For example, if there are three deck jets and 2 have a five feet high stream and one has a nine feet high stream, turning down the nine feet high stream will make the other two more powerful. To make them all 5 feet high, the ball valve in the line would have to be adjusted.

## ⚠ WARNING

This product is must be installed and serviced by a pool and spa professional. These instructions must be followed exactly to ensure proper function of the parts.