

For Your High-Purity Liquid Applications...

## Pressure Regulators and Other Plast-O-Matic Valves Now Available with Spigot End Connectors!



High-purity spigot end connectors for Semiconductor, Pharmaceutical and other Industrial applications involving ultra-pure liquids.

### Superior Features of True Blue Valves:

- Pressure Regulators feature rolling diaphragm design for smooth and accurate operation, with significantly higher flow capacities and less drop-off from set pressure than competitive models.
- Relief/Back Pressure/Bypass/Pressure Sustaining Valves provide smooth, sensitive operation with high flow rates; angle or in-line flow patterns.
- Series BSD Shut-Off Valves offer the ultimate in system purity: a unique PTFE diaphragm and no wetted elastomers with minimal dead space.
- All valves feature heavy-duty construction, provide million-plus cycle life, and are designed specifically for ultra-pure water and concentrated etchants.
- High purity cleaning procedure available.
- Spigot sizes 20, 25, 32, 40, 50, 63, 90 mm and 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", and 3" IPS.

### MATERIALS OF CONSTRUCTION:

Spigot connectors available in PVDF (Kynar®), Polypropylene and PVC. For use with metric and IPS piping systems. Designed for BCF and Infra-Red Butt and Socket Fusion Piping.

### DESIGN:

High-Purity Spigot-End Connectors of PVDF (Kynar®), Polypropylene and PVC are available for Plast-O-Matic Pressure Regulators, Series RV Relief, By-Pass and Back Pressure Valves, FC Flow Controls, and for Series BSD Miniature Air-Operated Diaphragm Shut-Off Valves. For further information consult factory.



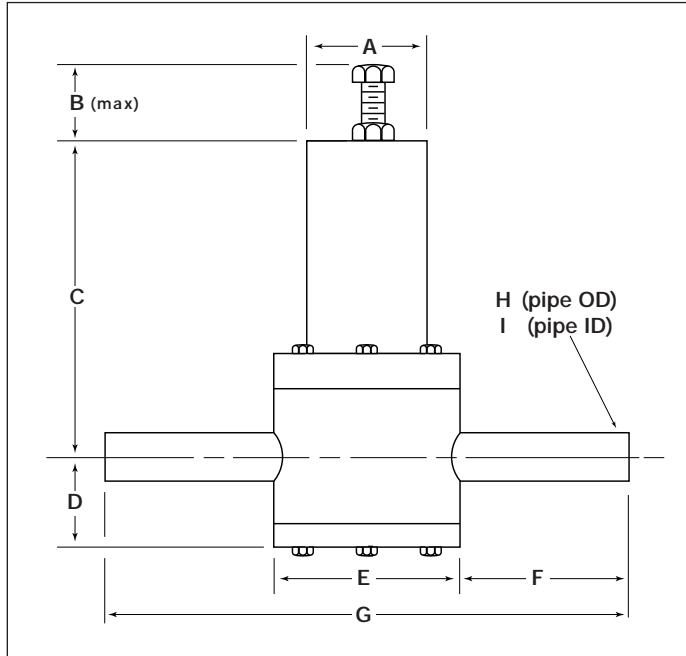
### PLAST-O-MATIC VALVES, INC.

1384 Pompton Avenue, Cedar Grove, New Jersey 07009

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Dimensions shown for Pressure Regulators

For other valves refer to appropriate product catalog and apply dimension "F" below.



Pressure Regulator / Spigot Ends						
Pipe Size mm	20	25	32	40/50	63	90
Pipe Size inches	1/2"	3/4"	1"	1 1/2"	2"	3"
A	2 1/2	2 7/8	2 7/8	2 7/8	2 7/8	5 1/4
B	1 3/4	2 1/2	2 1/2	2 1/2	2 1/2	4
C	4	7 1/2	7 1/2	8	9 3/8	11 5/8
D	1 3/4	2 1/4	2 1/2	2 3/4	5 1/8	6 3/8
E	2 1/2	4 1/2	4 1/2	5	7	8
F*	2	2	2	2 1/2	2 1/2	2 1/4
G	6 1/2	8 1/2	8 1/2	10	12	12 1/2
H	.790	.980	1.26	1.97	2.48	3.50
I1	.640	.830	1.072	1.752	2.244	2.864
H2	.787	.984	1.260	1.969	2.480	3.50
I2	.638	.835	1.071	1.732	2.244	2.864

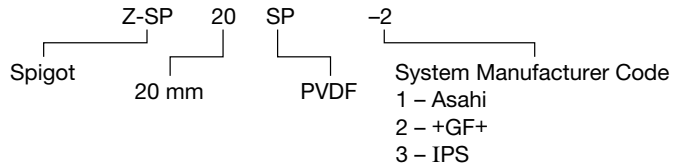
1 = Asahi  
 2 = +GF+  
 3 = IPS  
 \*F dimension is identical for all types of valves.

**ORDERING INFORMATION:**

Listed below is ordering information for metric Spigot Ends. Please specify the system manufacturer code (Asahi, +GF+ or IPS) to assure the proper pipe dimension(s) for your particular system (i.e. Z-SP20PF-2 is the PVDF spigot for a 1/2" valve; for a 20mm +GF+ Sygef pipe see ordering guide below).

*Naturally, the valve and spigot ends must be ordered as a set and fused together by Plast-O-Matic.*

Size		PVDF (Kynar®)	Polypropylene	PVC
mm	IPS	Model No.	Model No.	Model No.
20	1/2"	Z-SP20PF-___	Z-SP20PP-___	Z-SP20PV-___
25	3/4"	Z-SP25PF-___	Z-SP25PP-___	Z-SP25PV-___
32	1"	Z-SP32PF-___	Z-SP32PP-___	Z-SP32PV-___
40	1 1/4"	Z-SP40PF-___	Z-SP40PP-___	Not Available
50	1 1/2"	Z-SP50PF-___	Z-SP50PP-___	Z-SP50PV-___
63	2"	Z-SP63PF-___	Z-SP63PP-___	Z-SP63PV-___
90	3"	Z-SP90PF-___	Z-SP90PP-___	Z-SP90PV-___



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