

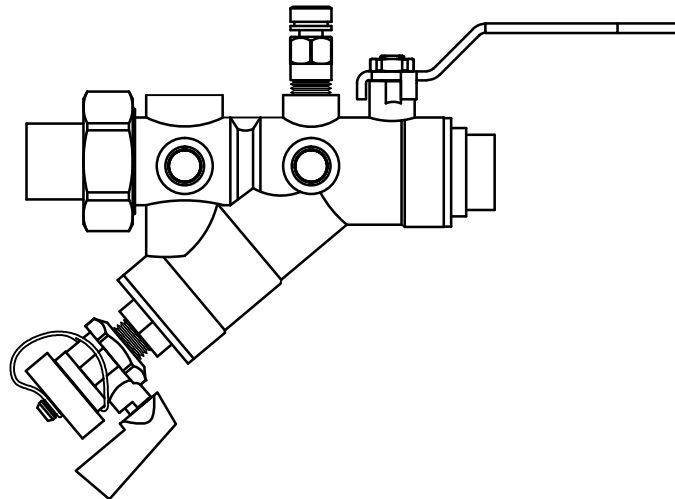
US Industrial Sourcing, L.L.C.

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SPECIFICATIONS

IVY - Series (Integral Ball Valve/Strainer/Union)

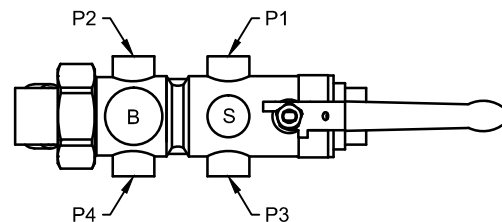
Revision 3 - 11/2009



PRODUCT DESCRIPTION: Integral ball valve, wye-strainer and union rated at 600 WOG. IVY uses a full-port ball valve for positive shut-off service and offers a total of five (5) 1/4" taps for accessories to be installed. A by-pass tap is provided at the forward 12:00 position for 1/2" through 2" (see table on submittal for by-pass sizes). The strainer cap has a 1/4" tap in the blow down section for a hose end drain with a 20 mesh stainless steel screen. All taps are plugged unless options are specified. The valve is pressure tested at 100 PSI air for quality assurance.

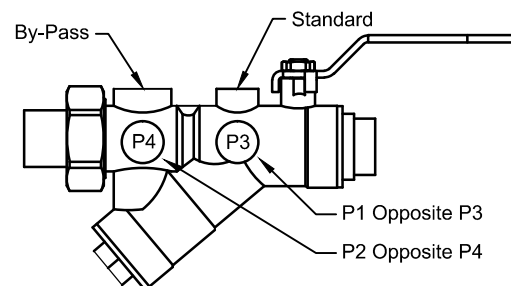
MATERIAL SPECIFICATION	
Body	Forged Brass ASTM B283-06
O-Ring	EPDM
Tail Piece	Forged Brass ASTM B283-06
PT Seal	EPDM Dual Durometer Core
Handle	Chrome Plated Steel
Stem	Brass - Explosion Proof
Ball	Chrome Plated Brass - Full Port
Ball Seat	Teflon

PORT LOCATIONS



PRODUCT SPECIFICATIONS:

- Full Port Isolation Valve
- 20 - Mesh Accessible Strainer Sleeve
- Blow down for debris removal
- Functional By-Pass



DIMENSIONS - IVY SERIES

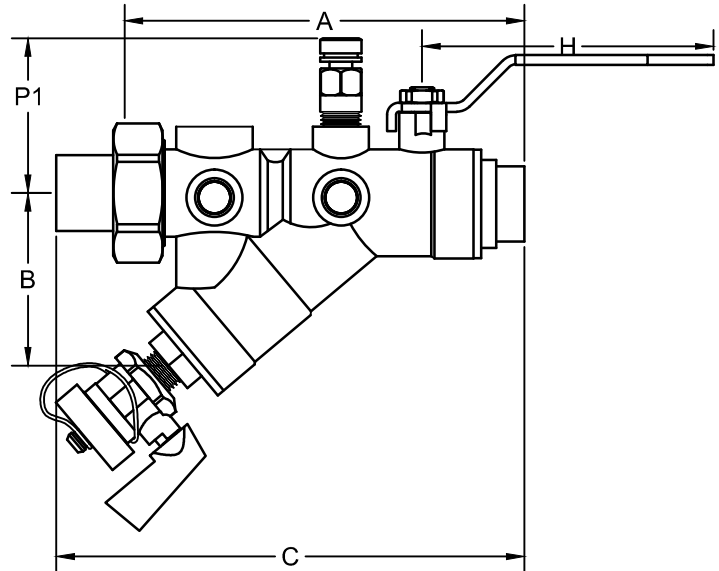
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Model	Size	By-Pass	A	B	H	P1	P2	W
IVY1-Swt	1/2	1/2	5.20	2	3 3/8	2.06	2.08	0.95
IVY2-Swt	3/4	1/2	5.63	2 1/4	3 3/8	2.20	2.22	1.09
IVY3-Swt	1	1/2	7.35	3 1/8	4 1/8	2.33	2.38	1.25
IVY4-Swt	1 1/4	3/4	7.70	3 1/4	4 5/8	2.60	2.63	1.50
IVY5-Swt	1 1/2	3/4	9.30	3 3/4	5 3/8	2.80	2.76	1.63
IVY6-Swt	2	1	10.02	4 1/8	6 1/8	3.06	3.01	1.88
IVY1-Fpt	1/2	1/2	4.97	2	3 3/8	2.06	2.08	0.95
IVY2-Fpt	3/4	1/2	5.18	2 1/4	3 3/8	2.20	2.22	1.09
IVY3-Fpt	1	1/2	7.23	3 1/8	4 1/8	2.33	2.38	1.25
IVY4-Fpt	1 1/4	3/4	7.62	3 1/4	4 5/8	2.60	2.63	1.50
IVY5-Fpt	1 1/2	3/4	9.12	3 3/4	5 3/8	2.83	2.76	1.63
IVY6-Fpt	2	1	9.93	4 1/8	6 1/8	3.06	3.01	1.88

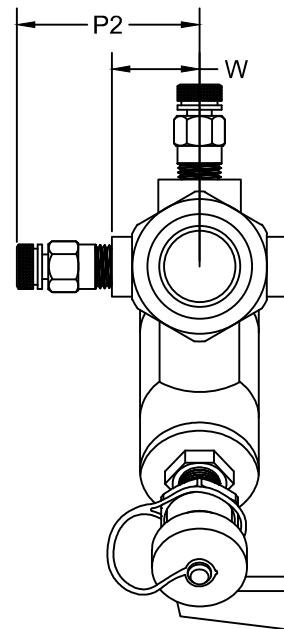
NOTE: Overall length will vary with connection type (Swt - Sweat / Fpt - Female thread).

All dimensions are in inches and are subject to minor variations.

Dimensions are not to be used for construction.



Size	Tail Piece	C	Size	Tail Piece	C
1/2" SWT	1/2" M	6.76	1/2" FPT	1/2" M	6.53
	1/2" F	5.85		1/2" F	5.62
	1/2" S	5.85		1/2" S	5.62
3/4" SWT	1/2" M	7.20	3/4" FPT	1/2" M	6.75
	1/2" F	6.73		1/2" F	6.28
	1/2" S	6.38		1/2" S	5.93
	3/4" M	7.39		3/4" M	6.94
	3/4" F	6.43		3/4" F	5.98
	3/4" S	6.42		3/4" S	5.97
1" SWT	1/2" M	9.88	1" FPT	1/2" M	9.23
	3/4" M	9.88		3/4" M	9.23
	3/4" S	8.73		3/4" S	8.08
	1" M	9.88		1" M	9.23
	1" F	8.78		1" F	8.13
	1" S	8.88		1" S	8.24
1 1/4" SWT	1/2" M	9.98	1 1/4" FPT	1/2" M	9.39
	3/4" M	10.02		3/4" M	9.62
	1" M	10.02		1" M	9.62
	1 1/4" M	10.02		1 1/4" M	9.62
	1 1/4" F	8.31		1 1/4" F	8.62
	1 1/4" S	8.32		1 1/4" S	8.63
1 1/2" SWT	3/4" M	11.87	1 1/2" FPT	3/4" M	11.01
	1" M	12.48		1" M	11.62
	1 1/4" M	12.48		1 1/4" M	11.62
	1 1/2" M	12.48		1 1/2" M	11.62
	1 1/2" F	11.23		1 1/2" F	10.37
	1 1/2" S	11.21		1 1/2" S	10.38
2" SWT	1" M	12.77	2" FPT	1" M	12.07
	1 1/4" M	13.72		1 1/4" M	12.93
	1 1/2" M	13.72		1 1/2" M	12.93
	2" M	13.72		2" M	12.93
	2" F	11.88		2" F	11.09
	2" S	12.17		2" S	11.98



SUBMITTAL - IVY SERIES

US Industrial Sourcing, L.L.C.

JOB NAME:

CUSTOMER:

ENGINEER:

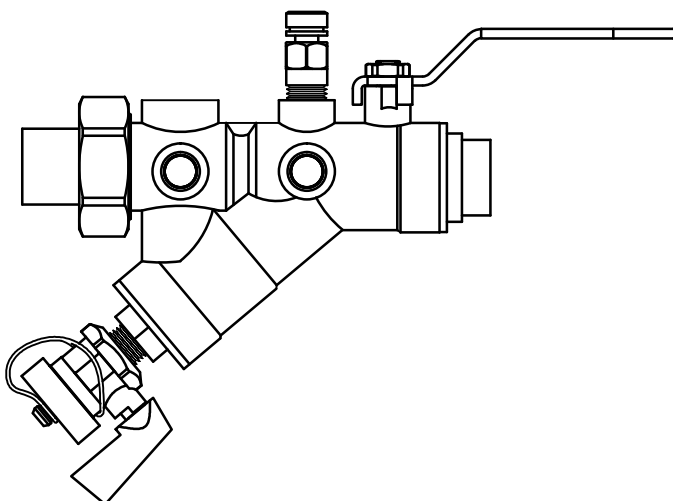
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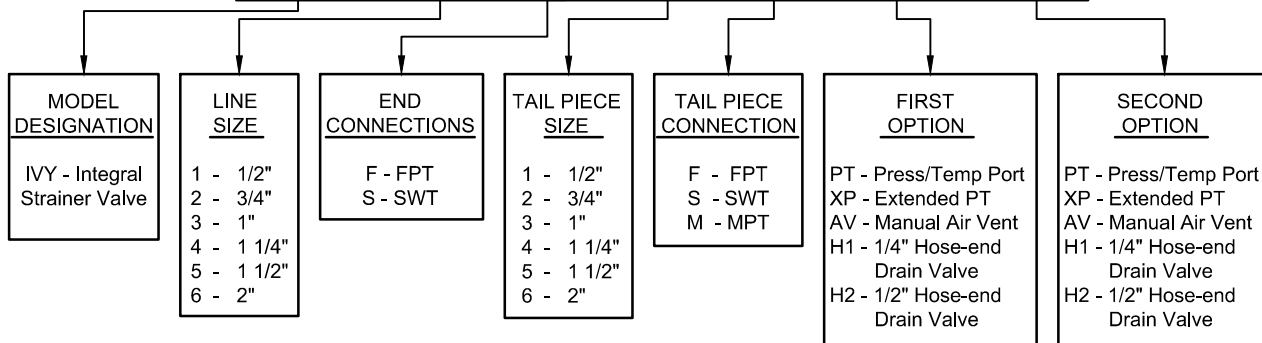
CONTRACTOR:

SUBMITTED BY:

DATE:



IVY - X - X - X - X - XX - XX



PART # (See table above)	TAGGING/JOB INFORMATION	QUANTITY