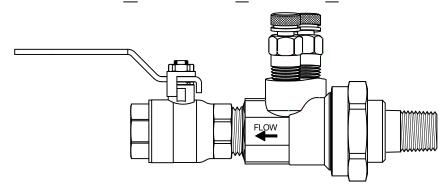


PRODUCT DESCRIPTION: The Manual Balancing Valve Kit is a packaged and partially preassembled grouping of components required to complete installation of a terminal unit. Temperature control valves, piping, and coils are supplied "by others". Mounting and testing of the customer supplied TCV is available at an additional charge.

QUANTITY	GPM	TAGGIN	IG INFORMATION	
JOB NAME		REPRESENTATIV	VE	
ENGINEER		REF/PO#		DATE
CONTRACT	OR	SUBMITTED BY		DATE



CBV Series Specifications Combination Ball Valve/Venturi



PRODUCT DESCRIPTION: The CBV flow balancing brass venturi provides highly accurate flow measurement capabilities. The efficient low loss venturi design provides effective flow balancing with minimal system pressure loss. The CBV includes a brass ball valve with memory stop, and a venturi with an integral union. The CBV comes standard with two pressure/temperature ports for instrument readings. The union side incorporates an o-ring for maximum sealing protection. The union connection options include FNPT, MNPT, SWT, and a variety of reductions.

NOTE: If the same size male, female, sweat, or a reducing male tail piece is used, no extra pipe diameter is required.

REC	OMMENDE	D FLOW R	ANGES (GI	PM)	STAN	DARD MATERIAL SPECIFICATIONS
Model	Size	Minimum	@ 100"	@ 200"	Venturi	Cast Brass ASTM B763-08A
CBV050L	1/2"	0.3	1.2	1.8	Ball Valve	Forged Brass ASTM B283-06
CBV050H	1/2"	0.8	2.9	4.2	O-ring Tail Piece	EPDM Brass ASTM B124-09, B228-06, or B763-08A
CBV075UL	3/4"	0.3	1.2	1.8	Union Nut	Brass ASTM B455
CBV075L	3/4"	0.8	2.9	4.2	PT Seal Handle	EPDM Dual Durometer Core Chrome Plated Steel
CBV075H	3/4"	1.8	6.1	8.9	Memory Stop	302 Stainless Steel
CBV100	1"	2.8	9.8	14.3	Stem Ball	Brass ASTM B124-09 - Blow-Out Proof Chrome Plated Brass
CBV125	11⁄4"	4.8	16.4	24.0	Ball Seat	Teflon
CBV150	1½"	7.5	24.4	35.5	Packing Nut Packing Gland	Brass ASTM B124-09, B228-06, or B763-08A Teflon
CBV200	2"	12.0	40.8	69.3	T doking Oland	1611011

STANDARD OPERATING SPECIFICATIONS

Maximum Working Pressure: 600 WOG / CWP Maximum Operating Temperature: -22° F to 325° F

Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice or liability.

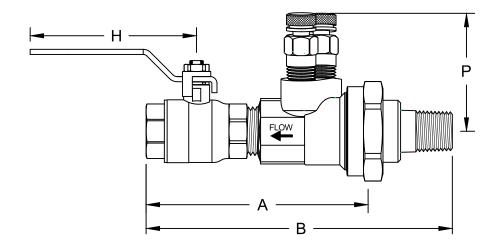
PRODUCT SPECIFICATIONS:

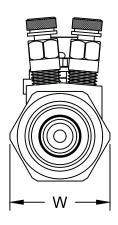
- Devices shall have a 15° regain chamber for optimal pressure regain and minimal permanent pressure drop
- Venturi tube shall be independent of the throttling valve
- Venturi tube shall include proper pipe diameters for optimal accuracy
- Valve shall be designed with memory stop to limit flow once balanced
- The Model CBV shall have an accuracy rating of:
 - •• ±1% between 10" W.C. and 70" W.C.
 - •• ±3% between 5" W.C. and 150" W.C.
 - •• ±5% less than 5" W.C. and over 150" W.C.



CBV Series Dimensions

Combination Ball Valve/Venturi





	0.	/	4			107	
Model	Size	FPT	SWT	Н	Р	W	Cv **
CBV050L	1/2	4.5	4.8	3.7	2.1	1.6	1.1
CBV050H	1/2	4.5	4.8	3.7	2.1	1.6	3.8
CBV075UL*	3/4	4.7	5.2	3.8	2.1	1.6	1.1
CBV075L	3/4	4.7	5.2	3.8	2.1	1.8	2.3
CBV075H	3/4	4.7	5.2	3.8	2.1	1.8	8.0
CBV100	1	5.1	5.7	5.0	2.2	2.1	13.4
CBV125	1¼	5.8	6.5	5.0	2.4	2.8	25
CBV150	1½	7.0	8.0	6.3	2.7	3.1	31
CBV200	2	7.6	8.7	6.2	3.0	3.8	87

Note: Dimensions listed do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications.

^{**} Cv = Estimated with Union connection same as inlet, no reductions.

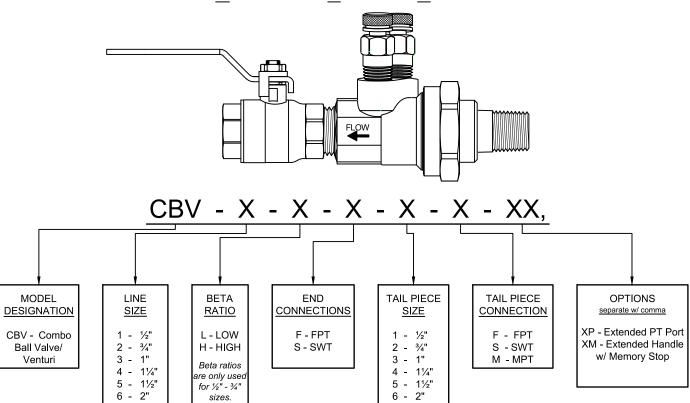
1/2" SWT	Size	Tail Piece	В	Weight	Size	Tail Piece	В	Weight
- S 5.5 1.3 - S 5.1 1.3 - M 6.7 1.8 - S 6.0 1.7 - M 6.8 1.8 - S 6.0 1.7 - M 6.8 1.8 - S 6.0 1.7 - M 6.8 1.8 - S 6.0 1.7 - S 6.7 2.5 - S 6.0 2.5 - S 6.0 - S 7.0 3.7 - S 7.0 3.7 - S 7.0 3.7 - S 7.0 3.7		- M	6.2	1.4			6.0	1.4
1/4" SWT	½" SWT	½" - F		1.3	½" FPT	½" - F	5.1	1.3
3/4" SWT 1/2" - F 6.3 1.8 - S 6.0 1.7 - S 5.5 1.7 - M 6.8 1.8 3/4" - F 6.0 1.7 - M 6.5 1.8 3/4" - F 6.0 1.7 - M 6.5 1.8 3/4" - F 5.5 1.7 1" SWT 1" - M 7.7 2.7 7 1" - F 5.5 1.7 1" SWT - M 7.7 2.7 7 1" - M 7.1 2.7 1" - F 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 1" - F 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 1" - M 8.3 4.0 1" - F 6.0 2.5 3.9 3/4" - M 7.5 3.9 3/4" - M 7.7 4.0 1/4" - F 6.7 3.8 - S 7.0 3.7 3/4" - M 7.7 4.1 1/4" - F 6.7 3.8		- S	5.5	1.3		- S	5.1	1.3
**SWT		- M				- M	6.5	1.8
3/4" SWT - M 6.8 1.8 3/4" FPT - M 6.5 1.8 3/4" - F 6.0 1.7 - S 6.0 1.7 - S 5.5 1.8 4/4" - F 6.0 1.7 - S 5.5 1.8 3/4" - F 5.5 1.8 1" SWT 1/2" - M 7.7 2.7 1" FPT 1" FPT 1" - M 7.1 2.7 1" - F 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 - S 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 - S 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 - S 6.7 2.5 - S 6.0 2.5 - S 6.0 2.5 - S 6.7 3.8 4.0 1/4" - F 7.5 3.9 3/4" - M 7.7 4.1 - W - F 7.5 3.9 - S 7.5 3.7 - S 7.0 3.7 1/2" SWT 1/2" - M								
1" SWT 1" SWT 1"	3/." C\A/T	- S			3/." EDT	- S	5.5	1.7
- S 6.0 1.7 - S 5.5 1.7 Y2" - M 7.7 2.7 Y2" - M 7.1 2.7 Y2" - M 7.1 2.7 Y4" - M 7.0 2.5 S 6.0 2.5 S 7.5 3.9 S 7.5 3.7 S 7.5 3.7 S 7.0 3.7 S	/4 SVVI				/4			
1" SWT 1" SWT 1" - M								
1" SWT 34" - M		- S				- S		1.7
1" SWT		½" - M	7.7	2.7		½" - M	7.1	2.7
1" - F							7.1	
- S 6.7 2.5 - S 6.0 2.5 1/4" SWT	1" SWT				1" FPT			
1¼" SWT ½" - M 8.1 3.9 1¼" SWT 1" - M 8.3 4.0 1" - M 8.5 4.2 1¼" - F 7.5 3.9 - S 7.5 3.8 - S 7.0 3.7 3" - M 9.7 5.6 1" - M 10.7 6.1 1½" - M 10.7 6.2 - M 10.5 6.0 1½" - F 9.1 5.6 - S 9.1 5.6 1½" - F 8.2 5.6 1½" - M 10.5 8.6 1½" - M 10.5 8.8 2" - F 8.7 8.1								
1¼" SWT 3¼" - M 8.3 4.0 1¼" - M 8.3 4.1 - M 8.5 4.2 1¼" - F 7.5 3.9 - S 7.5 3.7 3¼" - M 9.7 5.6 1" - M 10.7 6.1 1½" - M 10.7 6.2 - M 10.5 6.0 1½" - F 9.1 5.6 1½" - F 8.2 5.6 1½" - F 9.1 5.6 1½" - F 8.2 5.6 1½" - F 8.2 5.6 1½" - M 10.5 8.9 1½" - M 10.5 8.6 1½" - M 10.5 8.6 1½" - M 10.5 8.6 1½" - M 10.5 8.8 2" - F 8.7 8.1								
11/4" SWT					- - 11⁄4" FPT -			
11/4" SWT				4.0				4.0
- M	11/4" SWT	1" - M	8.3	4.1		1" - M	7.7	4.1
- S 7.5 3.7 - S 7.0 3.7 1½" SWT - M 9.7 5.6 1" - M 10.7 6.1 1½" - F 9.1 5.6 - S 9.1 5.6 - S 9.1 5.6 1½" - F 8.2 5.6 1½" - M 11.7 8.9 1½" - M 11.7 8.9 1½" - M 11.7 8.9 1½" - M 11.7 9.0 2" - F 9.8 8.3 2" - F 8.7 8.1	'/" "							
1½" SWT 34" - M 9.7 5.6 1" - M 10.7 6.1 1¼" - M 10.7 6.2 - M 10.5 6.0 1½" - F 9.1 5.8 - S 9.1 5.6 1" - M 11.7 9.3 1½" - F 8.2 5.7 - S 8.2 5.6 1" - M 11.7 9.3 1½" - M 11.5 8.9 1½" - M 10.5 8.6 1½" - M 10.5 8.6 1½" - M 10.5 8.6 1½" - M 10.5 8.7 - M 10.5 8.8 2" - F 9.8 8.3								
1" - M 10.7 6.1 1¼" - M 10.7 6.2 - M 10.5 6.0 1½" - F 9.1 5.8 - S 9.1 5.6 1" - M 9.5 6.0 1½" - F 8.2 5.7 - S 8.2 5.6 1" - M 11.7 9.3 1¼" - M 11.7 8.9 1½" - M 10.5 8.6 1½" - M 10.5 8.6				3.7		- S	7.0	
1½" SWT 1½" - M		3/4" - M	9.7	5.6			9.3	5.7
1½" SWT		1" - M	10.7	6.1		1" - M	9.5	6.0
2" SWT 10.5 6.0 11/2" - F 9.1 5.8 11/2" - F 8.2 5.6 5.6 11/2" - F 8.2 5.6 5.6 11/2" - M 10.5 9.1 11/4" - M 10.5 8.6 11/2" - M 11.7 8.9 11/2" - M 11.7 8.9 2" FPT 2" FPT 2" FPT 2" FPT 3.7 8.8 2" - F 8.7 8.1 8.8 2" - F 8.7 8.1 8.1 8.0 2" - F 8.7 8.0 2" - F 8.2 5.6 2.0	11/2" SW/T	1¼" - M	10.7	6.2	11/2" EDT	1¼" - M	9.5	6.1
2" SWT - S	172 0001			6.0	1/2 11 1		9.5	6.0
2" SWT 1" - M								
2" SWT 1¼" - M		- S	9.1	5.6			8.2	5.6
2" SWT			11.7				10.5	9.1
- M 11.7 9.0 2" - F 9.8 8.3 2" - F 8.7 8.1	2" S\A/T						10.5	8.6
- M 11.7 9.0 - M 10.5 8.8 2" - F 8.7 8.1		1½" - M	11.7	8.9	2" FPT	1½" - M	10.5	8.7
	- 5		11.7				10.5	8.8
- S 10.1 8.0 - S 9.0 7.8			9.8	8.3			8.7	8.1
		- S	10.1	8.0		- S	9.0	7.8

Note: Sweat size listed is nominal and will differ from the actual, measurable size. Not all available tailpiece connections are listed, please consult with factory for additional information.

^{*} CBV075UL Tailpiece size is 1/2"



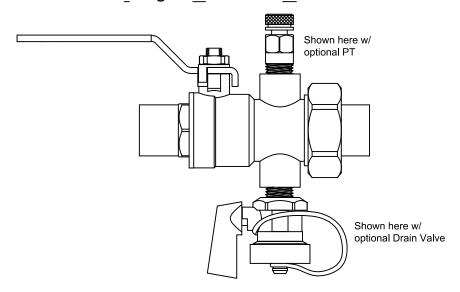
CBV Series Submittal Combination Ball Valve/Venturi



JOB NAME: ENGINEER: CONTRACTOR:	REPRESENTATIVE: REF/PO#: SUBMITTED BY:	DATE: DATE:	
PART # (See table above)	TAGGING/JOB INFORMATION	GPM	QUANTITY



IBU Series Specifications Integral Ball Valve/Union



PRODUCT DESCRIPTION: The IBU is an integral ball valve and union. The IBU uses a full-port ball valve with a union ended brass body that provides two (2) 1/4" taps for accessories to be installed. All taps are plugged unless otherwise specified. Memory stops are available upon request. Fixed end connections may be SWT or FNPT. Union side connections available include MNPT, FNPT, and SWT, and a variety of reductions.

STAN	IDARD MATERIAL SPECIFICATIONS				
Body O-Ring Tail Piece Union Nut Handle Stem Ball Ball Seat	Forged Brass ASTM B283-06 or ASTM B763-08A EPDM Brass ASTM B124-09, B228-06, or B763-08A Brass ASTM B455 Chrome Plated Steel Brass ASTM B124-09 - Blow-Out Proof Chrome Plated Brass - Full Port Teflon ARD OPERATING SPECIFICATIONS				
STANI	DARD OPERATING SPECIFICATIONS				
Maximum Working Pressure: 600 WOG / CWP Maximum Operating Temperature: 250° F					
Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes					

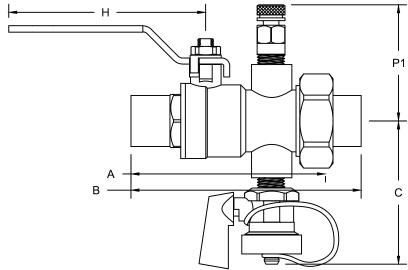
PRODUCT SPECIFICATIONS:

- Devices shall have a full port isolation valve to provide unrestricted flow
- Devices shall be designed to accept a memory stop
- Devices shall have a union end which allows for quick and convenient connection

in design, materials, and/or specifications without notice or liability.



IBU Series Dimensions Integral Ball Valve/Union



MODEL	SIZE	А	TAIL PIECE	В	Lbs	С	Н	P1	* Cv
IBU1	½" - SWT	3.5	- M ½" - F - S	5.1 4.2 4.2	1.2 1.2 1.1	2,5	3,8	2.0	19
IBUT	½" - FPT	3.2	- M ½" - F - S	4.7 3.8 3.8	1.2 1.2 1.1	2.5	3,0	2.0	19
	³⁄4" - SWT	3,8	- M ½" - F - S	5.3 4.9 4.5	1.5 1.6 1.4				
IBU2	74 - 3001	3.0	- M ¾" - F - S	5.5 4.6 4.6	1.5 1.5 1.4	2.7	3.8	2.2	35
IBUZ	0.411	3.3	- M ½" - F - S	4.8 4.4 4.1	1.5 1.6 1.4	2.7	3.6		
	34" - FPT		- M 3⁄4" - F - S	5.0 4.1 4.1	1.6 1.5 1.4				
			½" - M 3/4" - S	6.5 6.5 5.2	2.1 2.1 1.9				
	1" - SWT	4.1	- M 1" - F	6.5 5.3 5.4	2.2 2.0				49
IBU3			- S 1/2" - M 3/4" - S	5.4 5.7 5.7 4.5	1.9 2.1 2.1 1.9	2.7	5.0	2.2	
	1" - FPT	3.7	- M 1" - F - S	5.7 4.6 4.7	2.2 2.0 1.9				

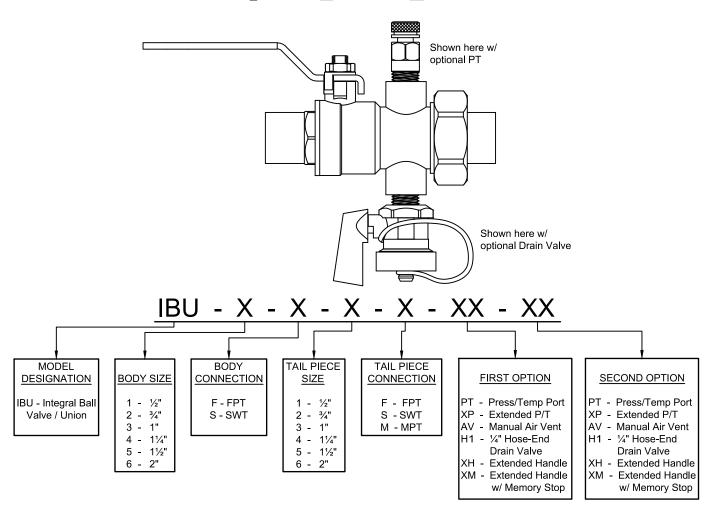
Note: Dimensions listed do not include ProPress or any other special fittings or adapters. All dimensions and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications at the time of order. Sweat size listed is nominal and will differ from the actual, measurable size.

IBU4 11/4" - SWT										
IBU4 11/4" - SWT	MODEL	SIZE	Α		В	Lbs	С	Н	P1	* Cv
IBU4 11/4" - SWT					7.0	3.6				
IBU4 11/4" - FPT				3⁄4" - M	7.0	3.8	1			
IBU4 11/4" - FPT		41/1 0\4/1	ا ۔ م	1" - M	7.0	3.8				
IBU4		174" - 5001	5.2	- M	7.0	3.9				102
11/4" - FPT				11¼" - F	6.0	3.6				
11/4" - FPT	IRHA						32	46	25	
11/4" - FPT	1004			½" - M	6.2	3.2	5.2	7.0	2.5	102
11/4" - FPT				¾" - M	6.5	3.3				
11/2" - SWT		41/" EDT	1 5		6.5					
BU5 1½" - SWT 5.8 1½" - M 7.5 4.6 1" - M 8.0 4.9 1½" - F 7.0 4.6 - S 7.0 4.4 1½" - F 7.0 4.6 - S 7.0 4.4 1½" - M 7.5 4.8 1½" - F 6.5 4.4 - S 6.3 4.2		174 - FPT	4.5							
IBU5 IBU5 1½" - SWT				1¼" - F	5.6					
IBU5 IBU5 1½" - SWT 5.8 1" - M 8.0 4.9 1½" - M 8.1 5.0 1½" - F 7.0 4.6 - S 7.0 4.4 11" - M 7.5 4.8 11½" - F 6.5 4.4 - S 6.3 4.2 2" - SWT 7.1 1½" - M 10.0 7.7 1½" - M 10.0 7.7 2" - F 8.2 7.1 - S 8.5 6.7 2.97 2" - FPT 6.0 1½" - M 10.0 7.7 2" - F 8.2 7.1 - S 8.5 6.7 7.8 1½" - M 8.9 7.4 2" - F 7.0 6.8 1.5 1					5.7	3.0				
IBU5 IBU5 1½" - SWT				3⁄4" - M	7.5	4.6				
IBU5 1½" - SWI			5.8	1" - M	8.0	4.9				266
IBU5 11/2" - F 7.0 4.6		1½" - SWT		1¼" - M	8.1	5.0				
IBU5 -S 7.0 4.4 3.5 5.5 2.7 266				- M	8.1	4.9				
IBU5 1½" - FPT 5.2 34" - M 7.1 4.4 4.8 11" - M 7.5 4.8 11½" - FPT 5.2 11½" - F 6.5 4.4 - S 6.3 4.2				1½" - F	7.0	4.6				
1½" - FPT 5.2 1½" - M 7.5 4.8 1½" - M 7.5 4.8 1½" - F 6.5 4.4 1½" - F 6.5 4.4 1½" - M 10.0 7.7 1½" - M 10.0 7.7 2" - F 8.2 7.1 - S 8.5 6.7 2" - F 7.0 6.8 1½" - M 8.9 7.4 1½" - M 8.9 7.4 1½" - M 8.9 7.4 2" - F 7.0 6.8 1.5	IDIIE			- S	7.0	4.4	ا ۾ ا	5.5	2.7	
11/2" - FPT	IB05			3⁄4" - M	7.1	4.4	3.5			
172 - FFT 3.2				1" - M	7.5	4.8				
172 - FFT 3.2				11⁄4" - M	7.5	4.8	1			
BU6 -S 6.3 4.2		1½" - FPT	5.2	- M	7.5	4.7	1			
BU6 2" - FPT 10.1 8.0 11/4" - M 10.0 7.7 11/2" - M 10.0 7.7 11/2" - M 10.0 7.7 11/2" - M 10.0 7.7 2" - F 8.2 7.1 - S 8.5 6.7 7.8 11/4" - M 8.9 7.8 11/4" - M 8.9 7.4 11/2" - M 8.9 7.4 11/2" - M 8.9 7.4 11/2" - M 8.9 7.4 2" - F 7.0 6.8 1.0 1.				1½" - F	6.5	4.4				
2" - SWT 7.1				- S	6.3	4.2				
2" - SWT 7.1				1" - M	10.1	8.0				
IBU6 2" - SWI 7.1				1¼" - M	10.0	7.7	1			
IBU6 2" - FPT 6.0 10.0 7.7 2" - F 8.2 7.1 - S 8.5 6.7 7.8 8.9 7.8 11½" - M 8.9 7.4 11½" - M 8.9 7.4 2" - F 7.0 6.8 6.8 6.3 3.0 297		OII O.4.7-		1½" - M	10.0	7.7	1			
IBU6 - S 8.5 6.7 1" - M 8.9 7.8 1¼" - M 8.9 7.4 1½" - M 8.9 7.4 - M 8.9 7.4 - M 8.9 7.4 2" - FPT 6.0 2" - F 7.0 6.8		2" - SW I	7.1	- M	10.0	7.7	1			
2" - FPT 6.0 1" - M 8.9 7.8 11½" - M 8.9 7.4 11½" - M 8.9 7.4 11½" - M 8.9 7.4 2" - F 7.0 6.8 2" 5 6.3 3.0 297	IBU6			2" - F	8.2	7.1				
2" - FPT 6.0 17-10 8.9 7.4 11/2" - M 8.9 7.4				- s	8.5	6.7	ا م د		١ , ,	007
2" - FPT 6.0 11/4" - M 8.9 7.4 11/2" - M 8.9 7.4 - M 8.9 7.4				1" - M	8.9	7.8	3.5	6.3	3.0	297
2" - FPT 6.0 1½" - M 8.9 7.4 - M 8.9 7.4 2" - F 7.0 6.8					8.9	7.4				
2 - FP1 6.0 - M 8.9 7.4 2" - F 7.0 6.8		O"	0.0	1½" - M	8.9	7.4				
		Z" - FP1	6.0		8.9	7.4	-			
				2" - F	7.0	6.8				
				- S	7.2	6.4				

^{*} Cv = Estimated with union connection same as inlet, no reductions.



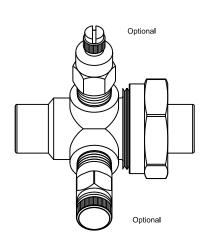
IBU Series Submittal Integral Ball Valve/Union

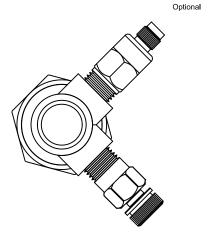


JOB NAME: ENGINEER:	CUSTOMER: REF/PO#:	DATE:	
CONTRACTOR:	SUBMITTED BY:	DATE:	
PART # (See table above)	TAGGING/JOB INFORMATION		QUANTITY



AU Series Specifications Accessory Union





Optional

Product Description: The AU brass accessory union provides for component isolation. Port section contains two $\frac{1}{2}$ " ports that come predrilled from the factory and are positioned 90° apart. The union side incorporates an o-ring for maximum sealing protection. Accessory union comes standard with $\frac{1}{2}$ " plugs installed in the ports. Union side and port side connections available in NPTM, NPTF, and SWT. Rated at 600 WOG @ -22°F to 325°F.

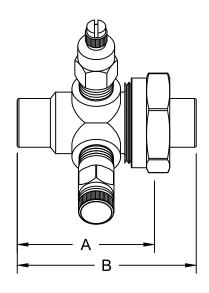
STANDARD MATERIAL SPECIFICATIONS								
Accessory Union O-Ring Tail Piece Forged Brass ASTM B283-06 EPDM Brass ASTM B124-09, B228-06, or B763-08A								
Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice or liability.								

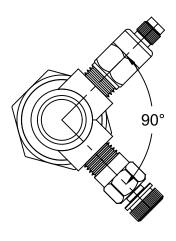
PRODUCT SPECIFICATIONS:

- 1/4" ports shall be located 90° distal on a rotational axis
- Integrated ports shall provide functionality for numerous options



AU Series Dimensions Accessory Union



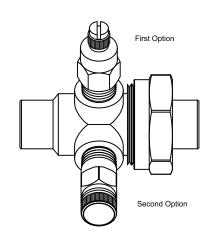


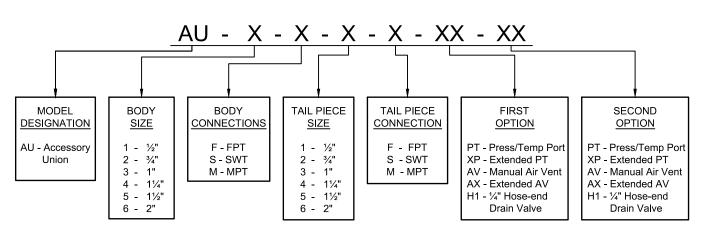
MODEL	SIZE	Α			LENGT	H "B" / W	/EIGHT O	F <i>PRO-</i> A	U AND TA	AIL PIECI	E CONNE	CTION		
AU1M AU1S AU1F	1/2"	2.7 2.1 2.0	½" M 4.2 3.7 3.6	0.6 0.5 0.6	½" S 3.3 2.8 2.7	0.6 0.4 0.5	½" F 3.3 2.8 2.7	0.6 0.5 0.5						
AU2M AU2S AU2F	3/4"	2.5 2.1 2.1	½" M 4.0 3.7 3.6	0.7 0.6 0.7	½" S 3.2 2.9 2.8	0.6 0.5 0.6	½" F 3.6 3.3 3.2	0.8 0.6 0.8	3/4" M 4.2 3.8 3.8	0.7 0.6 0.7	3/4" S 3.2 2.9 2.8	0.6 0.5 0.6	3/4" F 3.3 2.9 2.9	0.7 0.6 0.7
AU3M AU3S AU3F	1"	2.6 2.4 2.1	½" M 4.6 4.5 4.1	1.1 1.0 1.0	3/4" M 4.6 4.5 4.1	1.1 1.0 1.1	3/4" S 3.4 3.3 3.0	0.9 0.7 0.8	1" M 4.6 4.5 4.1	1.2 1.0 1.1	1" S 3.6 3.5 3.3	0.9 0.8 0.9	1" F 3.5 3.4 3.1	1.0 0.8 0.9
AU4M AU4S AU4F	1¼"	3.0 3.0 2.3	½" M 4.7 4.7 4.1	1.7 1.5 1.6	3/4" M 5.0 4.9 4.3	1.8 1.7 1.8	1" M 5.0 4.9 4.3	1.9 1.7 1.8	1¼" M 5.0 5.0 4.4	1.9 1.8 1.9	11/4" S 4.1 4.1 3.4	1.5 1.4 1.5	1¼" F 4.0 4.0 3.3	1.6 1.5 1.6
AU5M AU5S AU5F	1½"	3.0 3.0 2.7	3/4" M 4.9 4.9 4.6	lbs 2.3 2.2 2.3	1" M 5.5 5.5 5.1	lbs 2.6 2.6 2.7	11/4" M 5.5 5.5 5.1	lbs 2.7 2.6 2.7	1½" M 5.5 5.5 5.1	2.5 2.5 2.6	1½" S 4.2 4.2 3.9	lbs 2.1 2.0 2.2	1½" F 4.3 4.2 3.9	2.3 2.2 2.3
AU6M AU6S AU6F	2"	3.4 2.8 2.8	1" M 6.2 5.8 5.8	lbs 4.3 4.0 4.5	1¼" M 6.2 5.8 5.7	lbs 4.0 3.6 4.2	1½" M 6.2 5.8 5.7	4.0 3.6 4.1	2" M 6.2 5.8 5.8	Ibs 4.1 3.7 4.2	2" S 4.8 4.2 4.2	3.1 2.7 3.2	2" F 4.6 4.0 3.9	3.4 3.0 3.5

Note: Dimensions listed above do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications. Sweat size listed is nominal and will differ from the actual, measurable size.



AU Series Submittal Accessory Union





JOB NAME:	REPRESENTATIVE:		
ENGINEER:	REF/PO#:	DATE:	
CONTRACTOR:	SUBMITTED BY:	DATE:	
PART # (See table above)	TAGGING/JOB INFORMATION		QUANTITY