

^{* 3/8&}quot; Coil Size available in SWT ONLY.

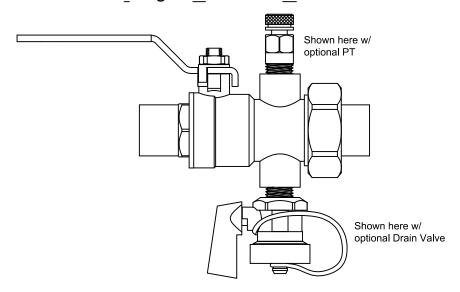
PRODUCT DESCRIPTION: The Manual Balancing Valve Kit is a packaged and partially preassembled grouping of components required to complete installation of a terminal unit. Temperature control valves, piping, and coils are supplied "by others". Mounting and testing of the customer supplied TCV is available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

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

^{**} ProPress fittings supplied for additional fee.



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	STANDARD 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						
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							

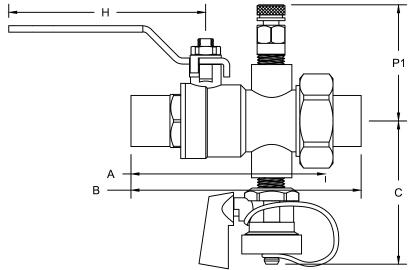
PRODUCT SPECIFICATIONS:

- 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	5.0	- M ¾" - F - S	5.5 4.6 4.6	1.5 1.5 1.4	2.7	3.8	2.2	35
IBUZ	3/# EDT	2.2	- M ½" - F - S	4.8 4.4 4.1	1.5 1.6 1.4	2.7	3.6	2.2	
	34" - FPT	3.3	- 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				
IBU3			- S ½" - 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	49
	1" - FPT	3.7	- M 1" - F - S	5.7 4.6 4.7	2.2 2.0 1.9				

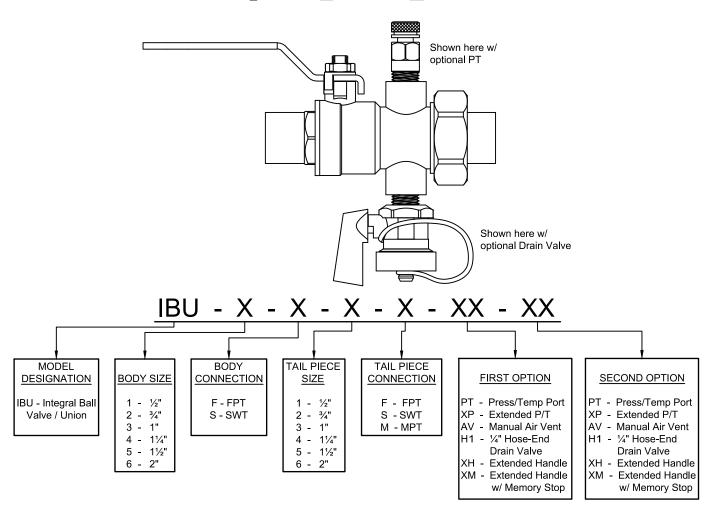
Note: Dimensions listed do not include ProPress or any other special fittings or adapters. All dimensions and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications at the time of order. Sweat size listed is nominal and will differ from 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	- 0	1" - M	7.0	3.8				266
IBU4		174" - 5001	5.2	- M	7.0	3.9				
11/4" - FPT				11¼" - F	6.0	3.6				102
11/4" - FPT	IRHA						32	46	25	102
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			2.5 11	
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 BU6 2" - FPT 6.0 1½" - M 8.9 7.4 1½" - M 1.0 1 1 1 1 1 1 1 1 1					5.7	3.0				
IBU5 IBU5 1½" - SWT				3⁄4" - M	7.5	4.6				
IBU5 1½" - SWI				1" - M	8.0	4.9				
IBU5 11/2" - F 7.0 4.6		41/1 0\4/1	F 0	1¼" - M	8.1	5.0				
IBU5 -S 7.0 4.4 3.5 5.5 2.7 266		11/2" - SVVI	5.8	- 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 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			000
11/2" - FPT	IB05			3⁄4" - M	7.1	4.4	3.5	5.5	2.7	266
172 - FFT 3.2				1" - M	7.5	4.8	1			
172 - FFT 3.2				11⁄4" - M	7.5	4.8	1		2.7	
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				266
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			266
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 - FPT 6.0		O"		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.



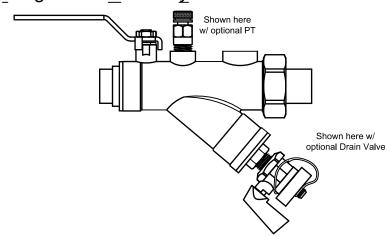
IBU Series Submittal Integral Ball Valve/Union



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



IVY Series Specifications Integral Ball Valve/Wye Strainer/Union



PRODUCT DESCRIPTION: The IVY is an integral ball valve, wye-strainer and union. The IVY uses a full-port ball valve for positive shut-off and offers two (2) predrilled ¼" taps for accessories to be installed. A ¼" standard port and by-pass tap are provided at the forward 12:00 position. The bypass port comes tapped and plugged for 2-way control valve configurations. The bypass port remains open on 3-way control valve configurations to install a bypass valve. (See IVY Series Dimensions page for bypass valve sizes.) An additional side port is available for factory drilling and tapping a ¼" port. The strainer has a 20-mesh stainless steel screen to aid in debris removal. The strainer cap has a ¼" tap for a hose-end drain valve. The ball valve has a PTFE packing gland, brass packing nut, and blow-out proof double o-ring stem seal. The fixed end connections may be FNPT or SWT. The union side connections Include MNPT, FNPT, SWT, and a variety of reductions.

	STANDARD MATERIAL SPECIFICATIONS	PORT LOCATIONS
Body O-Ring Tail Piece Union Nut PT Seal Handle Stem Ball Ball Seat Packing Gland Packing Nut	Forged Brass ASTM B283-06, or cast Brass ASTM B763-08A EPDM Brass ASTM B124-09, B228-06, or B763-08a Brass ASTM B455 EPDM Dual Durometer Core Chrome Plated Steel Brass ASTM B124-09 - Blow-Out Proof Crome Plated Brass - Full Port Teflon Teflon Brass ASTM B124-09, B228-06, or B763-08a	Side Port (Optional) Standard By-pass (Optional)
S	STANDARD OPERATING SPECIFICATIONS	\ <u>//k</u>
	num Working Pressure: 600 WOG / CWP num Operating Temperature: -22° F to 325° F	Drain

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:

- Device shall have a full port isolation valve
- Device shall have a 20 mesh accessible strainer sleeve(0standard) or a 40 mesh accessible strainer sleeve (optional)

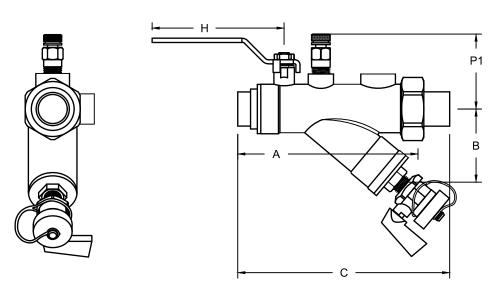
Form Number: SUBIVY-PRO 1

Revision 9 - 1/2022

- Device shall have a blow down for debris removal
- Device shall have a functional by-pass
- The strainer screen shall have a minimum 8:1 ratio of total area against the internal pipe diameter



IVY Series Dimensions Integral Ball Valve/Wye Strainer/Union



Model	Size	Bypass Size	А	В	Н	P1	* R	** Cv
IVY1-SWT	1/2	1/2	4.4	2.3	4.1	2.0	11:1	8
IVY2-SWT	3/4	1/2	5.4	2.2	3.8	2.1	8:1	9
IVY3-SWT	1	1/2	6.1	2.7	3.9	2.3	11:1	20
IVY4-SWT	1 1/4"	3/4"	7.0	3.2	3.8	2.7	9:1	23
IVY5-SWT	1½"	3/4"	8.6	3.2	6.3	3.0	13 : 1	44
IVY6-SWT	2	1"	9.2	3.5	6.5	3.1	9:1	46
IVY1-FPT	1/2	1/2	4.2	2.3	4.1	2.0	11:1	7
IVY2-FPT	3/4	1/2	4.9	2,2	3.8	2.1	8:1	8
IVY3-FPT	1	1/2	5.4	2.7	3.9	2.3	11 : 1	19
IVY4-FPT	1 1/4"	3/4"	6.3	3.2	3.8	2.7	9:1	21
IVY5-FPT	1½"	3/4"	7.5	3.2	6.3	3.0	13 : 1	45
IVY6-FPT	2"	1"	8.1	3.5	6.5	3.1	9:1	47

Note: Dimensions 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.

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

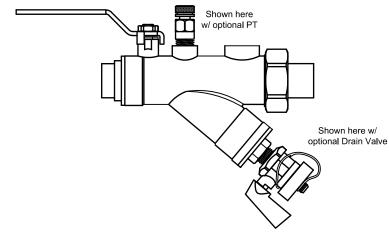
½" SWT	½" ½"	_ F S	6.0 5.1 5.1 7.0	1.8 1.8 1.8	½" FPT	1/2"	- M - F	6.5	1.8
	1/2"	- S - M - F	5.1 7.0	1.8	1⁄2" FPT	1/2"			
3/," SW/T		- M - F	7.0					4.8	1.8
3/" SWT		- F		2.2			- S	4.8	1.8
³⁄," SW/T				2.2			- M	6.5	2.5
3/" SWT		-s l	6.3	2.3		1/2"	- F	6.0	2.5
)	6.1	2.2	3/4" FPT		- S	5.7	2.1
/4 OW1 [- M	7.0	2.3	/4 11 1		- M	6.5	2.3
i I	3/4"	- F	6.1	2.2		3/4"	- F	5.7	2.2
		- S	6.2	2.2			- S	5.7	2.2
L	1/2"	- M	8.1	3.2		1/2"	- M	7.2	3.2
і Г	3/4"	- M	8.1	3.7		3/4"	- M	7.2	3.2
1" SWT	/4	- S	7.0	3.4	1" FPT	/4	- S	6.1	3.0
		- M	8.1	3.5			- M	7.2	3.3
1	1"	- F	7.1	3.1		1"	- F	6.2	3.1
		- S	7.1	3.0			- S	6.2	3.1
i L	3/4"	- M	9.0	5.0		3/4"	- M	8.2	5.0
1	1"	- M	9.0	5.0	1 1⁄4" FPT	1"	- M	8.2	5.1
1 1/4" SWT		- S	8.2	4.6			- S	7.7	4.7
1 74 0 11 1		- M	9.0	5.1	174 11 1		- M	8.2	5.1
	1 1/4"	- F	8.0	4.8		1 1/4"	- F	7.3	4.8
		- S	8.1	4.7			- S	7.5	4.7
i L	1"	- M	11.0	7.6		1"	- M	10.1	7.4
i [,	1 1/4"	- M	11.0	7.7		1 1/4"	- M	10.0	7.6
1 ½" SWT	1 74	- S	10.0	7.1	1½" FPT	1 74	- S	9.0	7.0
		- M	11.0	7.6	172 11 1		- M	10.1	7.4
	1 ½"	- F	9.8	7.3		1 ½"	- F	9.0	7.2
		- S	9.7	7.1			- S	8.8	7.0
	1 1/4"	- M	12.2	10.0		1 1/4"	- M	11.1	9.7
i	a 1/11	- M	12.2	8.6		4 1/11	- M	11.1	9.7
2" SWT	1 ½"	- S	11.0	9.0	2" FPT	1 ½"	- S	9.7	8.8
		- M	12.2	10.0			- M	11.1	9.8
	2"	- F	10.5	9.4		2"	- F	9.2	9.1
		- S	10.7	9.0			- S	9.5	8.8

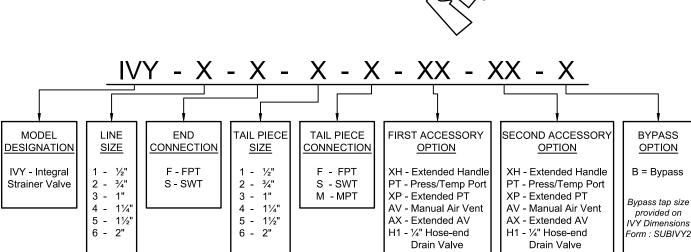
Note: Sweat size listed is nominal and will differ from the actual, measurable size.

^{*} R = Ratio of screen surface area to cross-sectional pipe diameter



IVY Series Submittal Integral Ball Valve/Wye Strainer/Union

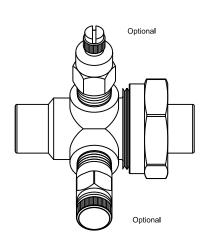


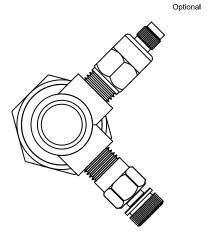


JOB NAME:	CUSTOMER:		
ENGINEER:	REF/PO#:	DATE:	
CONTRACTOR:	SUBMITTED BY:	DATE:	
PART # (See table above)	TAGGING/JOB INFORMATION		QUANTITY



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.

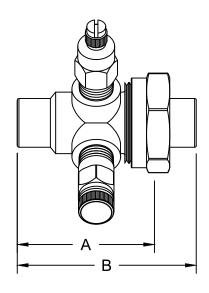
STANDARD MATERIAL SPECIFICATIONS							
Accessory Union O-Ring Tail Piece Forged Brass ASTM B283-06 EPDM Brass ASTM B124-09, B228-06, or B763-08A							
Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design,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

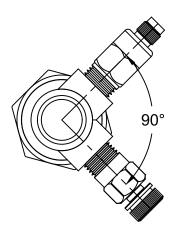
PRODUCT SPECIFICATIONS:

- 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



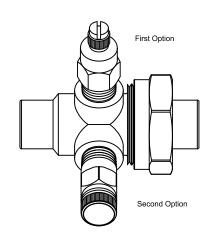


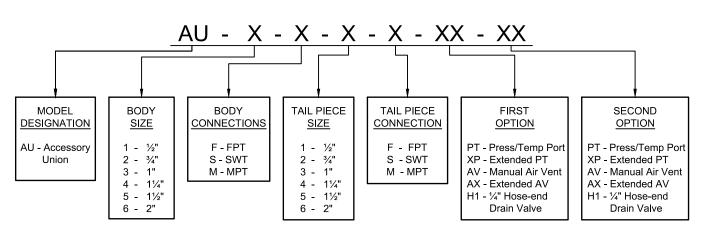
MODEL	SIZE	Α			LENGT	H "B" / W	/EIGHT O	F <i>PRO-</i> A	U AND TA	AIL PIECI	E CONNE	CTION		
AU1M AU1S AU1F	1/2"	2.7 2.1 2.0	½" M 4.2 3.7 3.6	0.6 0.5 0.6	½" S 3.3 2.8 2.7	0.6 0.4 0.5	½" F 3.3 2.8 2.7	0.6 0.5 0.5						
AU2M AU2S AU2F	3/4"	2.5 2.1 2.1	½" M 4.0 3.7 3.6	0.7 0.6 0.7	½" S 3.2 2.9 2.8	0.6 0.5 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

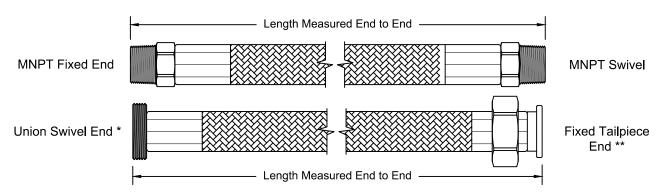




JOB NAME:	REPRESENTATIVE:		
ENGINEER:	REF/PO#:	DATE:	
CONTRACTOR:	SUBMITTED BY:	DATE:	
PART # (See table above)	TAGGING/JOB INFORMATION		QUANTITY



HSS Series Specifications Stainless Steel Braided Hose



PRODUCT DESCRIPTION: The Model HSS is a stainless steel braided hose that is abrasion resistant. The HSS has a CPE inner tube with brass end connections and stainless steel ferrules for the $\frac{1}{2}$ " - 1" hose sizes, and an EPDM inner tube with stainless steel ferrules and plated steel end connections for the $\frac{1}{4}$ " - 2" hose sizes. The flexible hose eases installation and is designed to withstand high pressures and varying temperatures. The standard end connections are MNPT Fixed x MNPT Swivel for $\frac{1}{2}$ " to 2", and FNPT Swivel for $\frac{1}{2}$ " to 2". Other available end connection options are FNPT Swivel, Union Swivel *, and Fixed Tailpiece** and accessory union connections; available for the $\frac{1}{2}$ " to 2" hose sizes. The Model HSS is BUY AMERICAN COMPLIANT.

^{**} The Fixed Tailpiece hose end connection is designed to connect directly to union ended coil kit components (AFLB, AFLD, AU, CBV, IBU, or IVY). The tailpiece end eliminates multiple connections.

PRODUCT SPECIFICATIONS				
Tube	CPE (Chlorinated Polyethylene) for ½" - 1" sizes - SAE J1019			
	EPDM (Ethylene Propylene Diene Monomer) for 11/4" - 2" sizes - SAE 20R1-D1			
Reinforcement	304L Stainless Steel braid cover meets UL-94 requirements			
Ferrules	Type 304L stainless Steel			
End Fittings	1/2" - 1" I.D Brass			
	11/4" - 2" I.D Steel Plated			
End Connections	Fixed MNPT, FNPT, Swivel MNPT, Swivel FNPT (½"-2"), Swivel Union (½" - 2"), Fixed Tailpiece (½"-2")			
Temperature	-40°F to 257°F (-40°C to 125°C) NOTE HOSE IS NOT INTENDED FOR STEAM APPLICATIONS.			
Ratings	Meets UL-94 Requirements			
	Fire Retardant Material (CPE)			
	ormation is provided to assist and is given without obligation or warranty. The Company reserves the anges in design, materials, and/or specifications without notice.			

Size	Length	Working PSI	Bend Radius	** Cv
1/2"	12, 18, 24, 30, 36	500	5"	7
3/4"	12, 18, 24, 30, 36	500	7"	20
1"	12, 18, 24, 30, 36	500	10"	43
11/4"	12, 18, 24, 30, 36	200	12"	76
1½"	12, 18, 24, 30, 36	200	15"	130
2"	12, 18, 24, 30, 36	200	20"	280

Length is measured End to End on all hose connection types.

^{*} The Swivel Union comes standard with an EPDM O-ring, tailpiece, and union nut which must be specified at the time of order. The swivel union easily converts line connection types and offers line size reductions. The tailpieces are available in FNPT, MNPT, and Sweat ends.

^{**} Cv listed in chart above is for a 24" length hose. The Cv is estimated and can vary according to installation.



HSS Series Options Stainless Steel Braided Hose

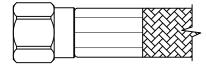
Fixed MNPT

Swivel MNPT



Additional End Connections





Male

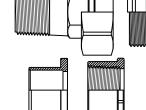
Swivel FJIC
Available in ½"
thru 1"



Swivel Union

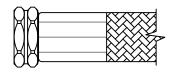
Available in 1/2" thru 1"

The Swivel Union must have the tailpiece connection size and type specified at time of order. Tailpiece options include FPT, SWT, MPT, and a variety of reductions.



Female

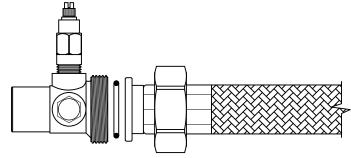
Swivel FNH Available in ½" thru ¾"



Fixed Tailpiece

Available in 1/2" thru 2"

The Fixed Tailpiece end connects directly to PRO Hydronic Specialties' union ended products.

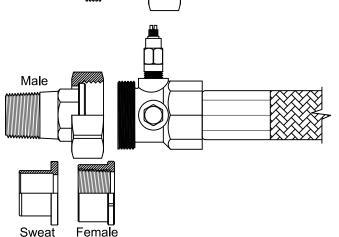


Swivel Accessory Union

Available in 1/2" thru 2"

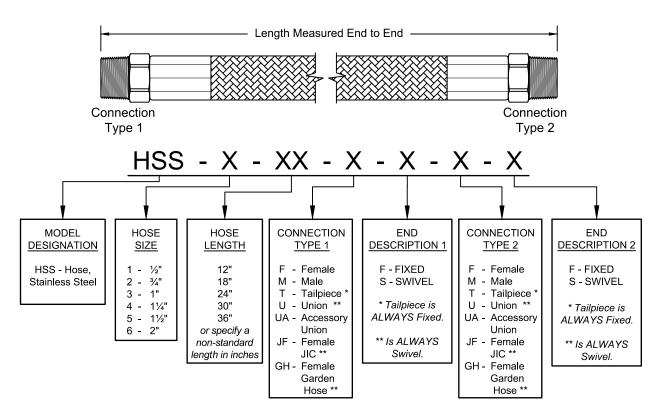
The Swivel Accessory Union must have the tailpiece connection size and type specified at time of order.

Tailpiece options include FPT, SWT, MPT, and a variety of reductions.





HSS Series Submittal Stainless Steel Braided Hose



When ordering, at least one hose end connection must be a swivel.

JOB NAME:	REPRESENTATIVE:	
ENGINEER:	REF/PO#:	DATE:
CONTRACTOR:	SUBMITTED BY:	DATE:
	QUANTITY	