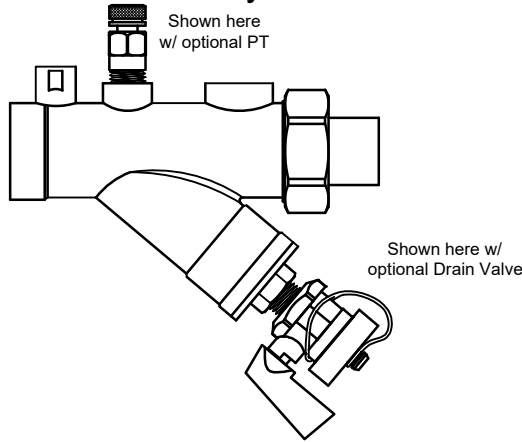




## IYU Series Specifications FNPT x Union Wye Strainer



**PRODUCT DESCRIPTION:** The IYU is a FNPT x Union Wye Strainer. The IYU offers one predrilled 1/4" tap and a 1/2" tap for accessories to be installed. The 1/4" and 1/2" standard port and by-pass tap respectively, 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. An additional side port is available for factory drilling and tapping a 1/4" port. The strainer has a 20-mesh stainless steel screen to aid in debris removal. The strainer cap has a 1/4" tap for a hose-end drain valve. The fixed end connections is FNPT. The union side connections include MNPT, FNPT, SWT, and a variety of reductions.

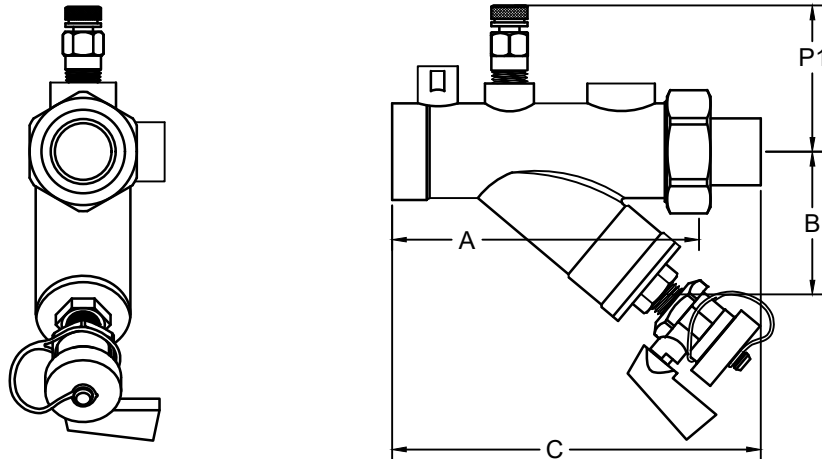
STANDARD MATERIAL SPECIFICATIONS		PORT LOCATIONS
Body	Forged Brass ASTM B283-06, or cast Brass ASTM B763-08A	
O-Ring	EPDM	
Tail Piece	Brass ASTM B124-09, B228-06, or B763-08a	
Union Nut	Brass ASTM B455	
PT Seal	EPDM Dual Durometer Core	
Strainer Sleeve	304 Stainless Steel Mesh	
STANDARD OPERATING SPECIFICATIONS		
Maximum Working Pressure: 600 WOG / CWP		
Maximum Operating Temperature: 40° F to 250° F		
<p>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.</p>		

**PRODUCT SPECIFICATIONS:**

- Device shall have a 20 mesh accessible strainer sleeve
- 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



IYU Series Dimensions  
FNPT x Union Wye Strainer



Model	Size	Bypass Size	A	B	P1	* R
IYU1-FPT	½"	½"	3.6	2.2	2.1	11 : 1
IYU2-FPT	¾"	½"	4.3	2.2	2.2	8 : 1
IYU3-FPT	1"	½"	4.6	2.7	2.3	11 : 1

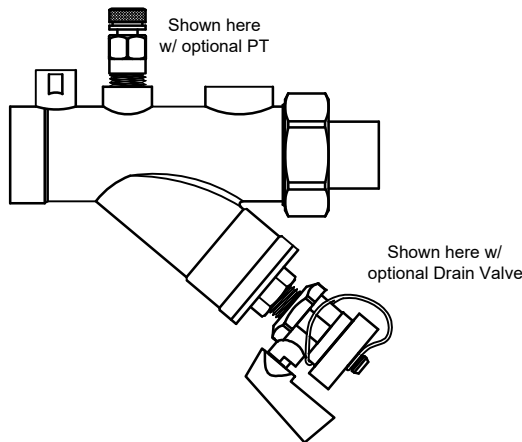
Note: Dimensions above do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications.

\* R = Ratio of screen surface area to cross-sectional pipe diameter

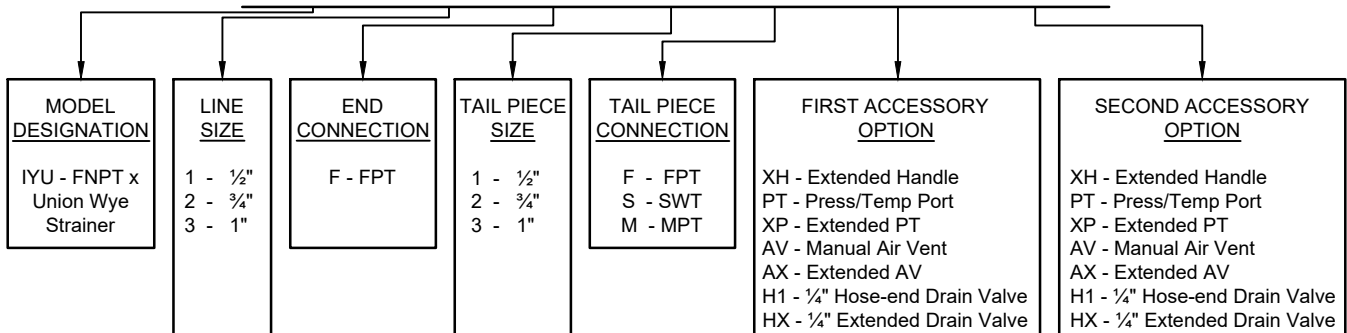
Size	Tail Piece	C	Weight
½" FPT	- M	5.1	1.4
	- F	4.3	1.4
	- S	4.3	1.3
¾" FPT	- M	6.0	1.9
	- F	5.8	1.9
	- S	5.0	1.8
	- M	6.0	1.9
	- F	5.1	1.9
	- S	5.1	1.8
1" FPT	- M	6.7	2.4
	- F	6.7	2.4
	- S	5.5	2.2
	- M	6.7	2.5
	- F	5.6	2.3
	- S	5.7	2.2



IYU Series Submittal  
 FNPT x Union Wye Strainer



IYU - X - F - X - X - XX - XX



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

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