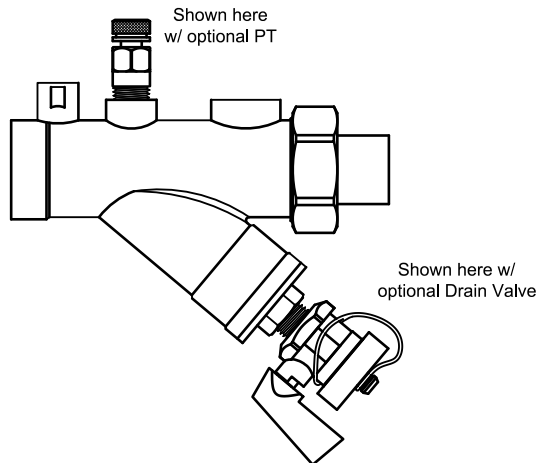




## IYU Series Specifications

### FNPT x Union Wye Strainer



**PRODUCT DESCRIPTION:** The IYU is a FNPT x Union Wye Strainer. The IYU offers one predrilled ¼" tap and a ½" tap for accessories to be installed. The ¼" and ½" standard tap 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 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 fixed end connections is FNPT. The union side connections Include MNPT, FNPT, SWT, and a variety of reductions.

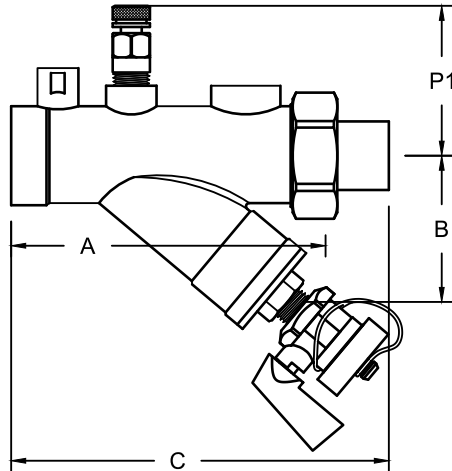
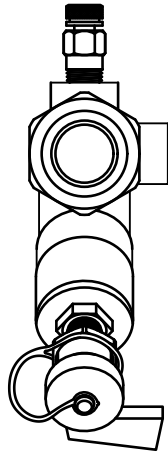
STANDARD MATERIAL SPECIFICATIONS		PORT LOCATIONS
Body	Forged Brass ASTM B283-06, or cast Brass ASTM B763-08A	<p>The diagram illustrates the port configurations for the device. It shows two views: a top view and a side view. The top view features a circular body with three ports labeled 'S' (Standard), 'B' (By-pass), and 'Side Port (Optional)'. The side view shows the 'Standard' and 'By-pass' ports, along with a 'Drain' port at the bottom. The 'Side Port (Optional)' is shown as a separate component on the top view.</p>
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	
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 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	2.3	2.0	11 : 1
IYU2-FPT	¾"	½"	4.2	2.2	2.1	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.

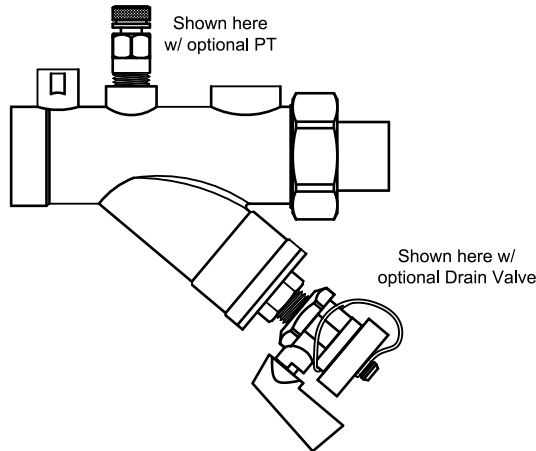
\* R = Ratio of screen surface area to cross-sectional pipe diameter

Size	Tail Piece	C	Weight
½" FPT	- M	5.2	1.7
	- F	4.3	1.7
	- S	4.3	1.6
¾" FPT	- M	5.8	2.2
	- F	5.8	2.2
	- S	5.0	2.1
	- M	5.9	2.2
	- F	5.0	2.2
	- S	5.0	2.1
1" FPT	- M	6.6	2.9
	- M	6.6	2.9
	- S	5.5	2.7
	- M	6.6	2.9
	- F	5.5	2.8
	- S	5.6	2.7



# IYU Series Submittal

## FNPT x Union Wye Strainer



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

MODEL DESIGNATION	LINE SIZE	END CONNECTION	TAIL PIECE SIZE	TAIL PIECE CONNECTION	FIRST ACCESSORY OPTION	SECOND ACCESSORY OPTION
IYU - FNPT x Union Wye Strainer	1 - 1/2" 2 - 3/4" 3 - 1"	F - FPT	1 - 1/2" 2 - 3/4" 3 - 1"	F - FPT S - SWT M - MPT	XH - Extended Handle PT - Press/Temp Port XP - Extended PT AV - Manual Air Vent AX - Extended AV H1 - 1/4" Hose-end Drain Valve HX - 1/4" Extended Drain Valve	XH - Extended Handle PT - Press/Temp Port XP - Extended PT AV - Manual Air Vent AX - Extended AV H1 - 1/4" Hose-end Drain Valve HX - 1/4" Extended Drain Valve

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

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