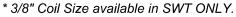
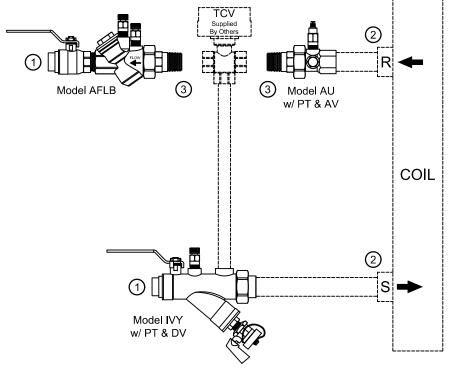


| | # | Size | Connect | ion Type |
|------------|--------|-----------|-------------|----------|
| Runout | 1 | | | |
| Coil | 2 | | | |
| TCV | 3 | | MI | PT |
| Service | es pro | ovided fo | r additiona | ıl fee: |
| Extended (| Comp | onents | Yes | No No |
| Factory M | ounte | ed TCV | Yes | No |
| Stainless | Stee | el Trim | Yes | No No |
| Bag | N Tag | 9 | Yes | No |



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



PRODUCT DESCRIPTION: The Automatic 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 | |
|----------|-----|---------------|----------------|------|
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| | | | | |
| JOB NAME | | REPRESENTATIV | /E | |
| ENGINEER | | REF/PO# | | DATE |
| CONTRACT | OR | SUBMITTED BY | | DATE |



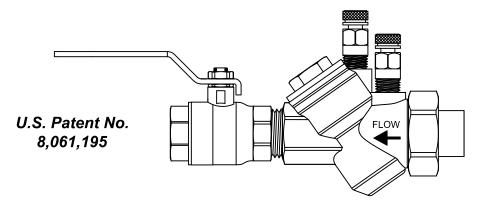
AFLB Series Specifications

Automatic Pressure Independent Flow Limiter w/ Ball Valve

A: AFLB - ½" - 1" High

B: AFLB - 1" High - 1½" Low

C: AFLB - 11/2" High - 2"



PRODUCT DESCRIPTION: The AFLB is an Automatic Pressure Independent Flow Limiting device, male ended by union with a brass ball valve attached, rated at 600 WOG / CWP @ 250° F. The AFLB is supplied with a stainless steel flow limiting cartridge that can be removed for cartridge exchange, if necessary. The AFLB comes standard with two pressure/temperature ports and a hanging identification tag. The ball valve end, or run-out side, is available in FNPT or SWT. The union side connections available include MNPT, FNPT, SWT, and a variety of reductions.

| | STANDARD MATERIAL SPECIFICATIONS | | | | | | | | | | STANDARD OPERATING SPECIFICATIONS | | | | | | | | | | | | | | | | |
|----------------------|---|-----------------------------|--|-----|-------|------|------|------|--------|------------|-----------------------------------|-----------------|--|----------------|---------------|----------------|--------|---------------|---------------------------------|-------|-------|-------|-------|----|----|----|----|
| Bod O-R | • | | For | _ | 3rass | AST | M B2 | 83-0 | 6 or (| Cast E | Brass | AST | M B7 | '63-0 | 8A | Control Range: | | | | | 2 psi | - 60+ | - psi | | | | |
| | Piece, Packing Nut | | Brass ASTM B124-09, B228-06, or B763-08A | | | | | | | | | | Accuracy: | | | | | ±5% | | | | | | | | | |
| | on Nut | | Brass ASTM B455 | | | | | | | | | | Max Working Pressure: | | | | | 600 WOG / CWP | | | | | | | | | |
| | v Cartridge | | ASTM A582 Type 303 Stainless Steel | | | | | | | | | | Max Operating Temperature: | | | | ٥. | 40°F to 250°F | | | | | | | | | |
| Spri | ohragm ing | | EPDM 302 Stainless Steel | | | | | | | | | | | | | | | | | | | | | | | | |
| | Port | Start-Up H | | | | | | | | | | р Неа | ad Lo | SS: | | | 5 Fee | et of I | H ₂ O | | | | | | | | |
| Ster Ball Ball | Forged Brass ASTM B283-06 Stem Brass ASTM B124-09 - Blow-Out Proof Chrome Plated Brass Ball Seat, Packing Gland Handle Chrome Plated Steel w/ Vinyl Cover | | | | | | | | | gi\ res | en v serve | withou s the | ut ob right | ligati to m | on o ake o | r wa chang | rranty | /. T desi | assisi he C gn, m lity | ompa | any | | | | | | |
| | Valve Size | | | | | | | F | LOV | √ RA | TES (| GPM |) * | CON | ITRO | L RA | NGE | 2 - 6 | 0+ P | SID * | * | | | | | | |
| | valve Size | A B C D E F G H I J K L M N | | | | | | | | | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Υ | Z | | | | | |
| Α | ½" - 1" L | .33 | .50 | .75 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 | 2.75 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 9 | 10 | 11 | 12 |
| В | 1" H - 1½" L | 5 | 5.5 | 6 | 6.5 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 |
| С | 1½" H - 2" | 15 | 5 20 25 30 35 40 45 50 55 60 65 70 | | | | | | | | 75 | 80 | 0 85 90 95 100 110 120 130 140 150 160 170 | | | | | 170 | 180 | | | | | | | | |

^{*} Custom flow rates can be calibrated at the factory for an additional charge.

Unless confirmed as special, flow rates will default to standard flow rate.

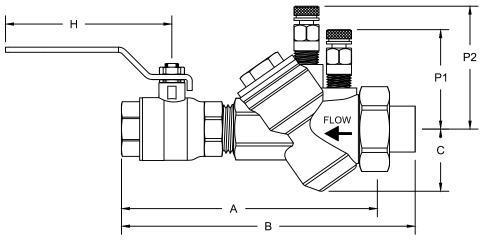
PRODUCT SPECIFICATIONS:

- The Automatic Flow Limiter with Ball Valve (AFLB) shall have flow measurement capability
- The AFLB shall have a static orifice to control flow
- The AFLB Cartridge shall be permanently marked with the letter that corresponds to the factory preset GPM
- All flow cartridge wear surfaces shall be stainless steel
- The AFLB shall have a 2 PSID start up rating
- The AFLB Cartridge shall have a large operational differential range
- The AFLB Cartridge shall provide continual flow at differential pressures above design limits
- The AFLB Cartridge shall be removable for cleaning or exchange if required



AFLB Series Dimensions

<u>Automatic Pressure Independent Flow Limiter w/ Ball Valve</u> A: AFLB - ½" - 1" L



| BALL VALVE SIZE AND TYPE | Α | TAIL PIECE | В | WEIGHT (lbs) | С | Н | P1 | P2 | w |
|-----------------------------|-----|---|-------------------|-------------------|-----|-----|-----|-----|-----|
| ½" SWT | 5.7 | - M ½" - F - S | 7.3 6.4 6.4 | 1.8 1.8 1.7 | 1.3 | 3.7 | 2.3 | 2.8 | 1.7 |
| ½" FPT | 5.4 | - M ½" - F - S | 7.0 6.0 6.0 | 1.8 1.8 1.7 | 1.3 | 3.7 | 2.3 | 2.8 | 1.7 |
| ¾" SWT | 6.6 | - M ½" - F - S | 8.1 7.3 7.3 | 2.4 2.4 2.4 | 1.4 | 3.8 | 2.0 | 2.6 | 1.8 |
| /4 GW1 | 0.0 | - M ³ ⁄ ₄ " - F - S | 8.3 7.2 7.2 | 2.5 2.4 2.4 | 1.4 | 5.0 | 2.0 | 2.0 | 1.0 |
| 34" FPT | 6.1 | - M ½" - F - S | 7.5 7.2 6.8 | 2.4 2.5 2.4 | 1.4 | 3.8 | 2.0 | 2.6 | 1.8 |
| 74 11 1 | 0.1 | - M ¾" - F - S | 7.8 7.0 6.8 | 2.5 2.4 2.4 | | 0.0 | 2.0 | 2.0 | 1.0 |
| 1" SWT | 7.3 | 1/2" - M 3/4" - M - S | 9.5 9.5 8.2 | 3.5 3.5 3.3 | 1,2 | 5.0 | 2.0 | 2,5 | 2.1 |
| 1 3001 | 7.3 | - M 1" - F - S | 9.5 8.5 8.5 | 3.6 3.4 3.3 | 1.2 | 3.0 | 2.0 | 2.0 | 2.1 |
| 1" FPT | 6.7 | ½" - M ¾" - M - S | 8.7 8.7 7.5 | 3.5 3.5 3.3 | 1,2 | 5.0 | 2.0 | 2.5 | 2.1 |
| | 0.7 | - M 1" - F - S | 8.7 7.6 7.6 | 3.6 3.4 3.3 | 1.2 | 0.0 | 2.0 | 2.0 | |

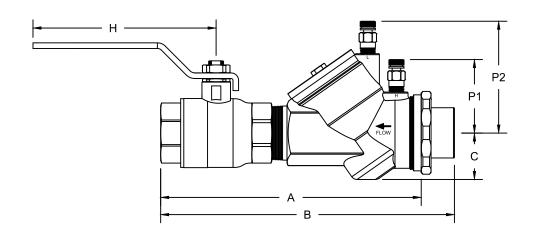


Note: Dimensions listed above do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications. Sweat size listed is nominal and will differ from the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



AFLB Series Dimensions

<u>A</u>utomatic Pressure Independent <u>Flow Limiter w/ B</u>all Valve B: AFLB - 1" H - 1½" L



| BALL VALVE SIZE AND TYPE | А | T <i>A</i> PIE | AIL CE | В | WEIGHT (lbs) | С | Н | P1 | P2 | W |
|-----------------------------|-----|-------------------|-------------------|----------------------|-------------------|--------------|-----|-----|-----|-----|
| 1" SWT | 8.6 | 1" | - M - F - S | 10.6 9.5 9.5 | 5.3 5.2 5.1 | 1.4 | 5.0 | 2.3 | 2.6 | 3.9 |
| 1" FPT | 8.0 | 1" | - M - F - S | 10.0 8.8 9.0 | 5.3 5.2 5.1 | 1.4 | 5.0 | 2.3 | 2.6 | 3.9 |
| 11/4" SWT | 9.1 | 1" | - M - F - S | 11.0 11.1 10.5 | 6.2 6.3 5.9 | 1.4 | 5.0 | 2.3 | 2.6 | 3.9 |
| 1/4 3001 | 9.1 | 11⁄4" | - M - F - S | 11.1 10.1 10.2 | 6.3 6.0 5.9 | 1.4 | 3.0 | 2.3 | 2.0 | 3.9 |
| 11/4" FPT | 8.3 | 1" | - M - F - S | 10.3 9.3 9.6 | 6.2 6.0 5.9 | 1 <u>.</u> 4 | 5.0 | 2.3 | 2.6 | 3.9 |
| 1/4 11 1 | 0.3 | 11⁄4" | - M - F - S | 10.3 9.0 9.5 | 6.3 5.8 5.9 | 1.4 | 3.0 | 2.3 | 2.0 | 3.9 |
| 1½" SWT | 9.4 | 11⁄4" | - M - F - S | 11.9 11.9 10.9 | 6.5 6.6 5.9 | 1.4 | 6.3 | 2.5 | 3.4 | 3,2 |
| 1/2 3001 | 9.4 | 1½" | - M - F - S | 11.9 10.6 10.6 | 6.4 6.1 5.9 | 1.4 | 0.3 | 2.5 | 3.4 | 3.2 |
| 41/11 FDT | 0.0 | 11⁄4" | - M - F - S | 11.0 11.0 10.0 | 6.4 6.5 5.8 | 1.4 | 6.2 | 2.5 | 2.4 | 2.2 |
| 1½" FPT | 9.0 | 1½" | - M - F - S | 11.0 9.7 9.7 | 6.3 6.0 5.8 | 1.4 | 6.3 | 2.5 | 3.4 | 3.2 |

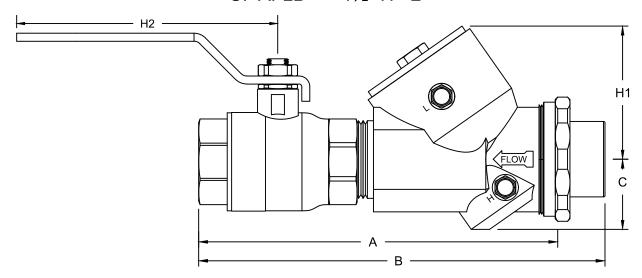


Note: Dimensions listed above do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications. Sweat size listed is nominal and will differ from the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

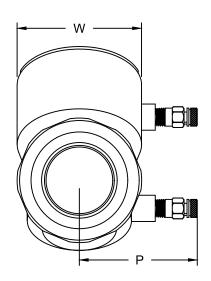


AFLB Series Dimensions

<u>A</u>utomatic Pressure Independent <u>Flow Limiter w/ B</u>all Valve C: AFLB - 1½" H - 2"



| BALL VALVE SIZE AND TYPE | А | TAIL PIECE | В | WEIGHT (lbs) | С | H1 | H2 | Р | W |
|-----------------------------|------|-----------------------|----------------------|----------------------|-------------|-----|-----|-----|-----|
| 1½" SWT | 12.3 | - M 1¼" - F - S | 15.3 15.3 14.0 | 14.7 14.6 13.8 | 2.2 | 4.2 | 6.3 | 3.2 | 3.7 |
| 172 SWI | 12.3 | - M 1½" - F - S | 15.0 15.3 13.8 | 15.1 14.8 13.8 | 2.2 | 4.2 | 0.3 | 3.2 | 3.7 |
| 1½" FPT | 11.5 | - M 1¼" - F - S | 14.5 14.5 13.0 | 14.7 14.6 13.8 | 2.2 | 4.2 | 6.3 | 3.2 | 3.7 |
| 1/2 11 1 | 11.5 | - M 1½" - F - S | 14.5 14.5 13.1 | 15.1 14.8 13.8 | 2.2 | 4.2 | 0.5 | 5.2 | 5.7 |
| 2" SWT | 11.7 | - M 1½" - F - S | 14.7 14.7 13.3 | 15.5 15.5 14.6 | 2,2 | 4,2 | 6,2 | 3.2 | 3.7 |
| 2 3001 | 11.7 | - M 2" - F - S | 14.7 12.8 13.2 | 15.5 14.9 14.5 | 2.2 | 7.2 | 0.2 | 5.2 | 5.7 |
| 2" FPT | 10,6 | - M 1½" - F - S | 13.6 13.6 12.2 | 15.4 15.4 14.5 | 2.2 | 4.2 | 6,2 | 3.2 | 3.7 |
| 2 111 | 10.0 | - M 2" - F - S | 13.6 11.8 12.0 | 15.4 14.8 14.4 | 2. 2 | 7.2 | 0.2 | 0.2 | J., |



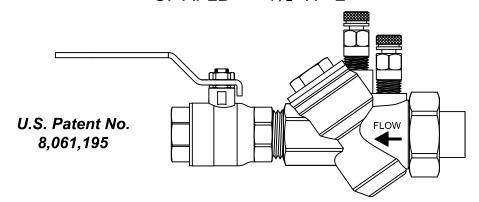
Note: Dimensions listed above do not include ProPress or any other special fittings or adapters. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions and material specifications. Sweat size listed is nominal and will differ from the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

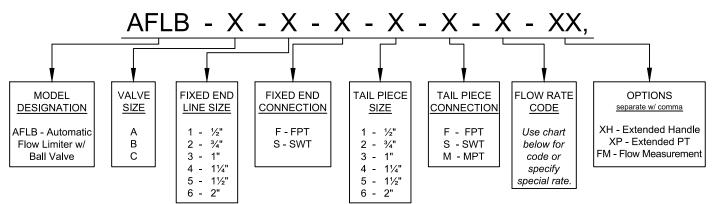


AFLB Series Submittal

Automatic Pressure Independent Flow Limiter w/ Ball Valve

A: AFLB - ½" - 1" L B: AFLB - 1" H - 1½" L C: AFLB - 1½" H - 2"





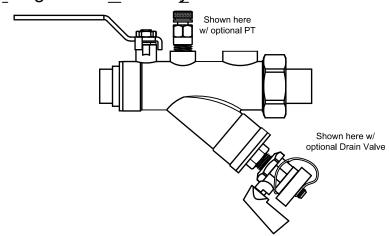
| | Valve Size | | FLOW RATE CODES (GPM)* CONTROL RANGE 2 - 60+ PSID ** | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-----|--|-----|-----|------|-----|------|----|------|-----|------|----|-----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | valve Size | Α | В | С | D | Е | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Υ | Z |
| Α | ½" - 1" L | .33 | .50 | .75 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 | 2.75 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 9 | 10 | 11 | 12 |
| В | 1" H - 1½" L | 5 | 5.5 | 6 | 6.5 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 |
| С | 1½" H - 2" | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |

^{*} Custom flow rates can be calibrated at the factory for an additional charge. Unless confirmed as special, flow rates will default to standard flow rate.

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

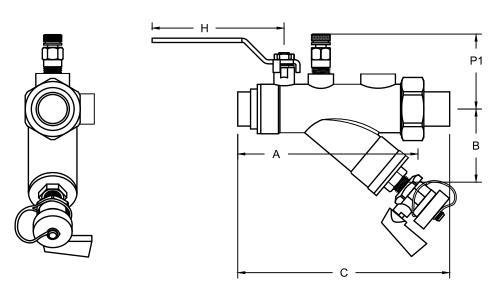
Form Number: SUBIVY-PRO 1

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.

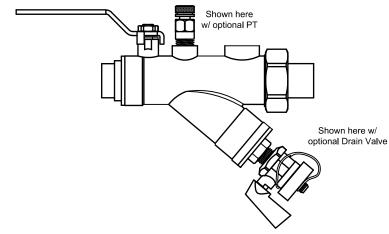
| ½" SWT | ½" ½" | _ F S | 6.0 5.1 5.1 7.0 | 1.8 1.8 1.8 | ½" FPT | 1/2" | - M - F | 6.5 | 1.8 |
|-------------|----------|-------------------|--------------------------|-------------------|------------|--------|------------|------|-----|
| | 1/2" | - S - M - F | 5.1 7.0 | 1.8 | 1⁄2" FPT | 1/2" | | | |
| 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 |
| 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" | - M | 8.2 | 5.1 |
| 1 1/4" SWT | ' | - S | 8.2 | 4.6 | 1 1/4" FPT | | - 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 |
| ı - 5 [| | - M | 12.2 | 10.0 | | | - M | 11.1 | 9.8 |
| 1 | 2" | - F | 10.5 | 9.4 | | 2" | - F | 9.2 | 9.1 |
| | | - S | 10.7 | 9.0 | | | - S | 9.5 | 8.8 |

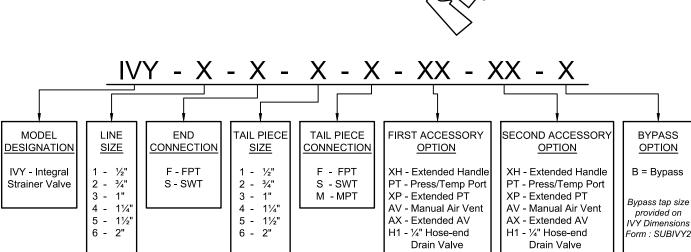
Note: Sweat size listed is nominal and will differ from the actual, measurable size.

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



IVY Series Submittal Integral Ball Valve/Wye Strainer/Union

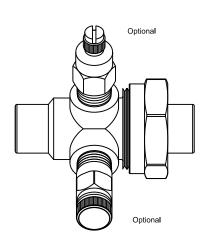


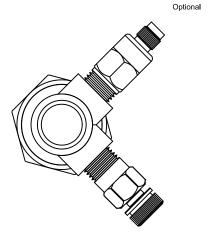


| JOB NAME: | CUSTOMER: | | |
|--------------------------|-------------------------|-------|----------|
| ENGINEER: | REF/PO#: | DATE: | |
| CONTRACTOR: | SUBMITTED BY: | DATE: | |
| PART # (See table above) | TAGGING/JOB INFORMATION | | QUANTITY |
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AU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

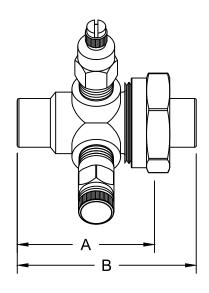
| STANDARD MATERIAL SPECIFICATIONS | | | | | |
|--|---|--|--|--|--|
| Accessory Union O-Ring Tail Piece | Forged Brass ASTM B283-06 EPDM Brass ASTM B124-09, B228-06, or B763-08A | | | | |
| Specification information is provided to assist and is given without obligation or warranty. The Company reserves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

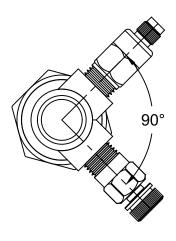
PRODUCT SPECIFICATIONS:

- 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



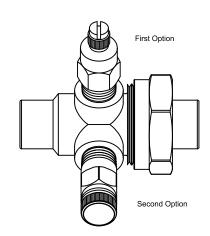


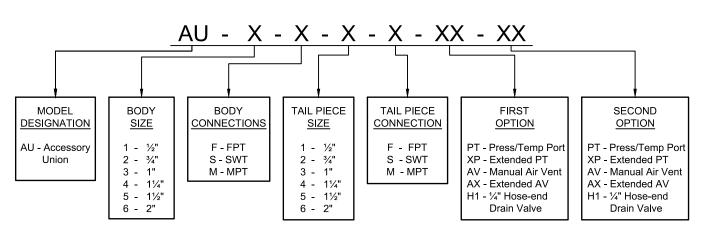
| MODEL | SIZE | Α | LENGTH "B" / WEIGHT OF <i>PRO-</i> AU AND TAIL PIECE CONNECTION | | | | | | | | | | | |
|----------------------|------|-------------------|---|--------------------------|-----------------------------|--------------------------|------------------------------|--------------------------|-----------------------------|--------------------------|------------------------------|--------------------------|-----------------------------|-------------------|
| 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 | 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 | lbs 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 |
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