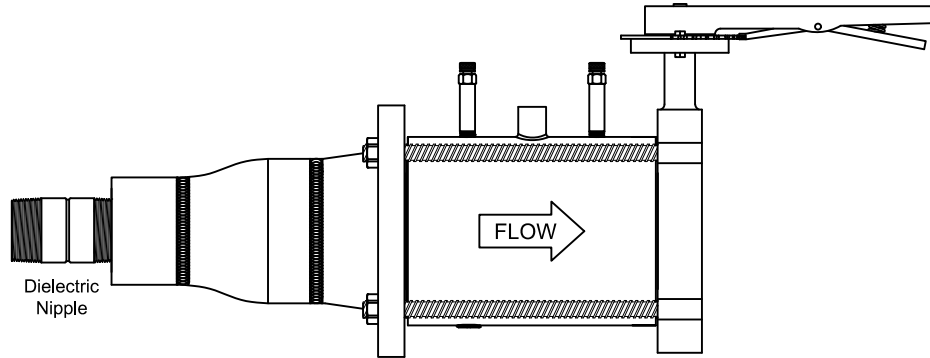




AFLWT Series Specifications

Automatic Pressure Independent Flow Limiter Wafer w/ Threaded Flange



U.S. Patent No. 8,061,195

PRODUCT DESCRIPTION: The AFLWT is a combination butterfly valve, wafer style automatic flow limiting device, and an ANSI Class 150# threaded flange. The AFLWT is designed to connect directly to a threaded brass ATC (Automatic Temperature Control) valve. The AFLWT provides the dielectric protection needed for steel pipe. The full flange face wafer contains one or more stainless steel flow limiting cartridges that are preset at the factory for a specific flow. The cartridges can be removed for cleaning, and if necessary, cartridge exchange. AFLWF comes with (2) EXT PT's, Flange gasket and rod set.

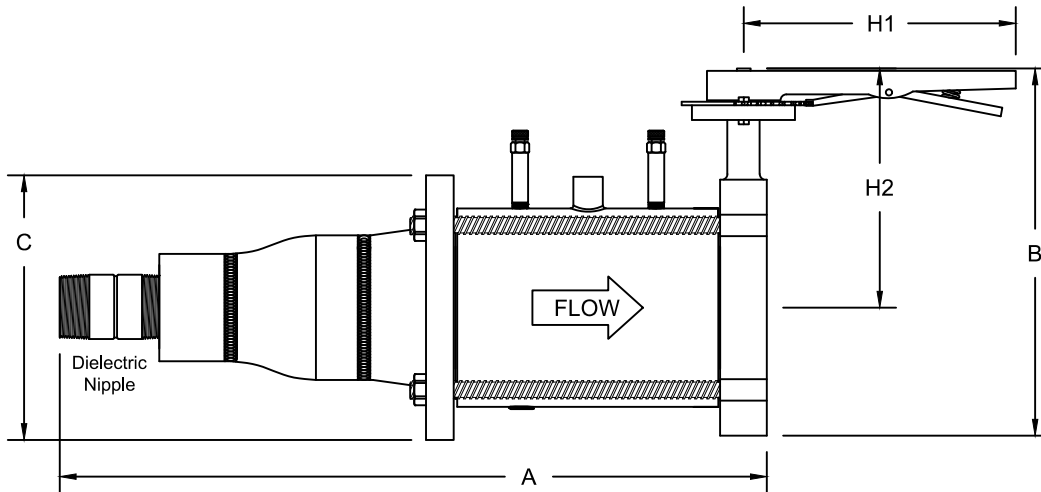
| STANDARD MATERIAL SPECIFICATIONS | | |
|--|--------------------------|------------------------------------|
| | Wafer | ASTM A536 Ductile Iron |
| | O-Ring | EPDM |
| | Flow Cartridge | ASTM A582 Type 303 Stainless Steel |
| | Diaphragm | EPDM |
| | Spring | Stainless Steel |
| | PT Port | EPDM Dual Durometer Core |
| | Flange Gasket | Aramid Fiber/NBR |
| | Flange | Forged Carbon Steel ASTM A105 |
| | Bolts | ASTM A193 Steel |
| | Dielectric Nipple | Galvanized Steel |
| Butterfly Valve | Body | Nodular Cast Iron |
| | Seat | EPDM |
| | Disc | Stainless Steel |
| | Stem | Stainless Steel |
| | Seal Support | Plastic |
| | O-Ring | NBR |
| | Bushings | PTFE |
| | Taper Pin | Stainless Steel |
| * Butterfly valve is rated at 200 PSIG and is suitable for dead-end service | | |
| PRODUCT SPECIFICATIONS | | |
| | Cartridge Control range: | 2 psi - 60+ psi |
| | Accuracy: | ±5% |
| | Start-Up Head Loss: | 5 Feet of H ₂ O |
| 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. | | |

NOTE: The specific ASTM standard may vary and should be confirmed at time of order.



AFLWT Series Dimensions

Automatic Pressure Independent Flow Limiter Wafer w/ Threaded Flange



U.S. Patent No. 8,061,195

| SIZE | MODEL | INLET | A | B | C | H1 | H2 | WEIGHT | # OF AFL CARTRIDGES | MAX GPM FLOW |
|------|-------------|-------|-------|-------|------|-------|------|--------|---------------------|--------------|
| 2½" | AFLW250T100 | 1" | 21.19 | 11.65 | 7.00 | 10.25 | 8.15 | 33 | 1 | 70 |
| | AFLW250T125 | 1¼" | 21.20 | 11.65 | 7.00 | 10.25 | 8.15 | 33 | 1 | 70 |
| | AFLW250T150 | 1½" | 21.45 | 11.65 | 7.00 | 10.25 | 8.15 | 33 | 1 | 70 |
| | AFLW250T200 | 2" | 17.87 | 11.65 | 7.00 | 10.25 | 8.15 | 33 | 1 | 70 |
| 3" | AFLW300T125 | 1¼" | 21.20 | 12.13 | 7.50 | 10.25 | 8.39 | 37 | 1 | 130 |
| | AFLW300T150 | 1½" | 21.45 | 12.13 | 7.50 | 10.25 | 8.39 | 37 | 1 | 130 |
| | AFLW300T200 | 2" | 21.59 | 12.13 | 7.50 | 10.25 | 8.39 | 37 | 1 | 130 |
| 4" | AFLW400T150 | 1½" | 23.44 | 14.80 | 9.00 | 10.25 | 9.13 | 56 | 2 | 270 |
| | AFLW400T200 | 2" | 23.59 | 14.80 | 9.00 | 10.25 | 9.13 | 56 | 2 | 270 |

Note: All dimensions are in inches and all weights are in pounds. All dimensions, weights, and materials are subject to minor variations. Consult with factory for confirmation of dimensions, weights, and material specifications at the time of order.