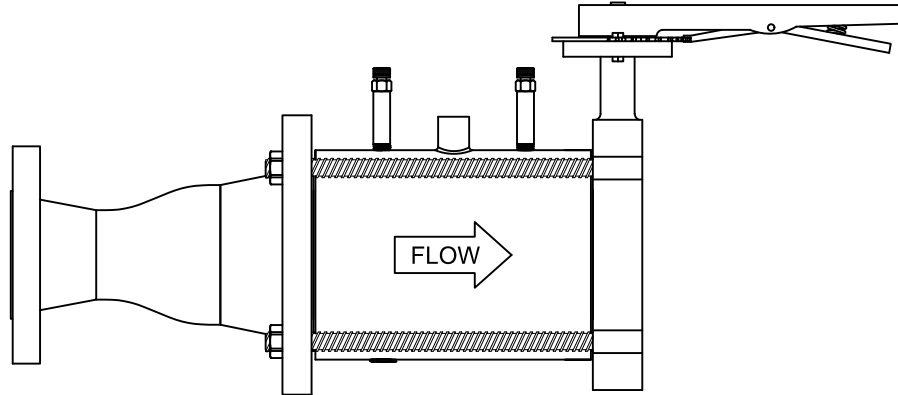




## AFLWR Series Specifications

### Automatic Pressure Independent Flow Limiter Wafer w/ Reducing Flange



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

**PRODUCT DESCRIPTION:** The AFLWR is a combination butterfly valve, wafer style automatic flow limiting device, and an ANSI Class 150# reducing flange. The AFLWR is designed to connect directly to a smaller size flanged ATC (Automatic Temperature Control) valve. 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.

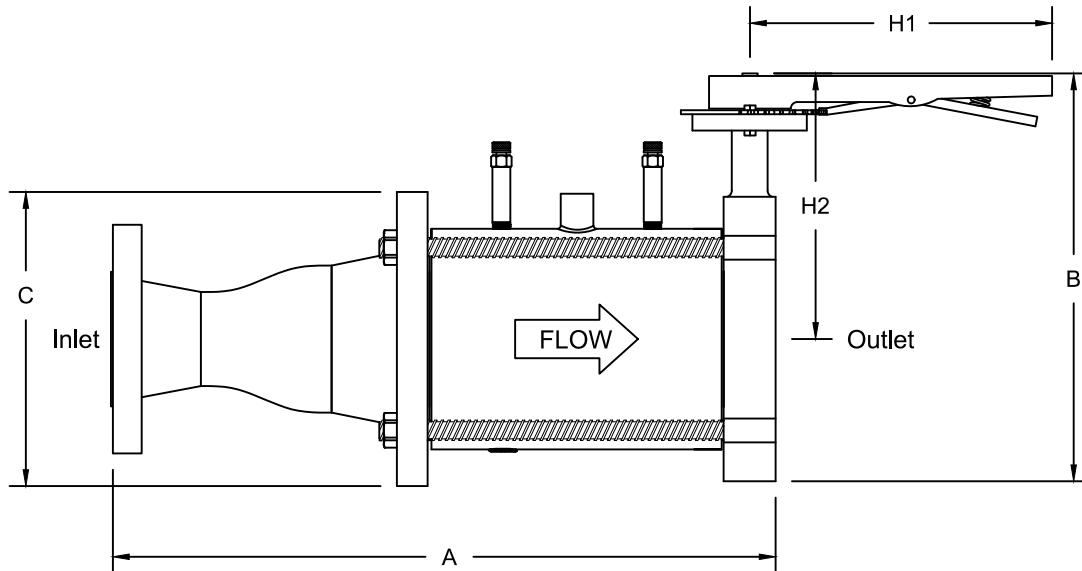
STANDARD MATERIAL SPECIFICATIONS		
	Wafer	ASTM A536 Ductile Iron
	O-Ring	EPDM
	Flow Cartridge	ASTM A582 Type 303 Stainless Steel
	Diaphragm	EPDM
	Spring	Stainless Steel
	PT Port	EPDM Dual Durometer Core
	Flange Gasket	Aramid Fiber/NBR
	Flange	Forged Carbon Steel ASTM A105
	Bolts	ASTM A193 Steel
Butterfly 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 <sub>2</sub> 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.



## AFLWR Series Dimensions

### Automatic Pressure Independent Flow Limiter Wafer w/ Reducing Flange



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

SIZE	MODEL	INLET	OUTLET	A	B	C	H1	H2	WEIGHT	# OF AFL CARTRIDGES	MAX GPM FLOW
3"	AFLW3R250	2½"	3"	19.06	12.13	7.00	10.25	8.39	55	1	130
4"	AFLW4R250	2½"	4"	21.05	14.80	7.50	10.25	9.13	72	2	270
	AFLW4R300	3"	4"	21.05	14.80	9.00	10.25	9.13	75	2	270
6"	AFLW6R250	2½"	6"	23.20	15.63	10.00	10.25	10.16	108	4	560
	AFLW6R300	3"	6"	23.20	15.63	11.00	10.25	10.16	111	4	560
	AFLW6R400	4"	6"	23.45	15.63	13.50	10.25	10.16	114	4	560
8"	AFLW8R600	6"	8"	25.11	18.90	16.00	*	20.67	165	17	960

Note: \* Denotes a gear operated valve.

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 and material specifications at the time of order.