



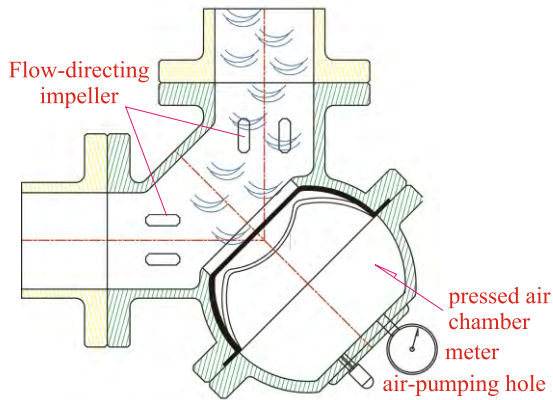
Z-Tide Valves

## L STYLE WATER HAMMER ARRESTER

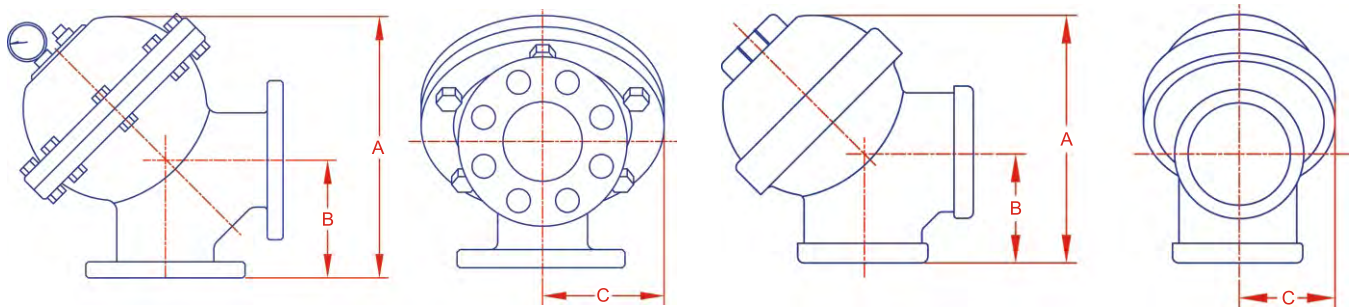


- ▶ The flow-directing mechanism in the valve can guide the flow and stabilize pressure.
- ▶ In the corner of pipe, the water hammer is the most obvious. The design is for meeting the requirement and set the arrester at the corner directly. This design not only saves the space and is easy to set up, but also can replace the traditional crooked head to reduce the cost of setting up.
- ▶ L style absorbs water hammer effect in two ways and brings excellent result.

Patent Number : 140580



- ▶ Applied conditions: Fluid
- ▶ Applied temperature:  $-15 \sim 80^{\circ}\text{C}$
- ▶ Diaphragm material: NBR & Viton
- ▶ Normal air chamber pressure:  $2.5 \text{ kgf/cm}^2$
- ▶ The test pressure of valve body:
  - Cast Iron & Bronze:  $21 \text{ kgf/cm}^2$
  - Stainless Steel:  $30 \text{ kgf/cm}^2$
- ▶ Maximum applied pressure:
  - Cast Iron & Bronze:  $12 \text{ kgf/cm}^2$
  - Stainless Steel 304:  $20 \text{ kgf/cm}^2$
  - ( $1 \text{ kgf/cm}^2 = 14.2 \text{ psi}$ )



Flange type (Material : Cast Iron or Stainless Steel)						
Item No	Size	A(mm)	B(mm)	C(mm)	Weight(kg)	Air Chamber( $\text{cm}^3$ )
ALF-50	2"	230	110	105	17	1490
ALF-65	2.5"	260	130	115	21	2130
ALF-80	3"	275	140	125	22	2465
ALF-100	4"	345	155	150	34	5535
ALF-150	6"	467	200	200	70	15325
ALF-200	8"	560	235	232	124	27230

Thread type (Material : Bronze)						
Item No	Size	A(mm)	B(mm)	C(mm)	Weight(kg)	Air Chamber( $\text{cm}^3$ )
ALT-15C	1/2"	50	25	25	0.3	17
ALT-20C	3/4"	65	30	30	0.4	30
ALT-25C	1"	80	35	35	0.6	65
ALT-32C	1.2"	95	43	45	0.9	130
ALT-40C	1.5"	115	50	50	1.4	250
ALT-50C	2"	170	110	68	4.0	650