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Air Release (Venting) Valves

CHEMLINE Plastics Limited
Your Pipeline To Quality

PVC

SERIES: AR
SIZES: 1/2" – 3"
ENDS: Socket, Threaded or Flanged
SEALS: EPDM, Viton®

The Chemline AR Series Air Release (venting) Valve allow gases to escape from pipe lines. It must be installed vertically at the highest point in the piping system with the "Air" arrow up. As the air vents, liquid rises to the the float (an inverted cup). The float will then seat, holding liquid pressure.

Low Cost

Sizes up to 3"



Features

Large Flow Capacities

- Full size range 1/2" to 3"
- Valves have full port liquid capacities, so for air flow they may be chosen several sizes smaller than the liquid pipeline.

DIMENSIONS INCHES

Size	D	Socket		Threaded	
		L_S	l_S	L_T	l_T
1/2"	2.0	3.54	0.89	3.03	0.63
3/4"	2.3	3.98	1.00	3.46	0.75
1"	2.7	4.38	1.13	3.86	0.87
1-1/4"	3.2	5.04	1.26	4.41	0.94
1-1/2"	3.7	5.67	1.38	4.80	0.94
2"	4.5	6.51	1.50	5.71	1.10
2-1/2"	6.6	7.72	1.75	6.81	1.30
3"	6.6	9.13	2.00	7.95	1.42

WORKING PRESSURES PSI

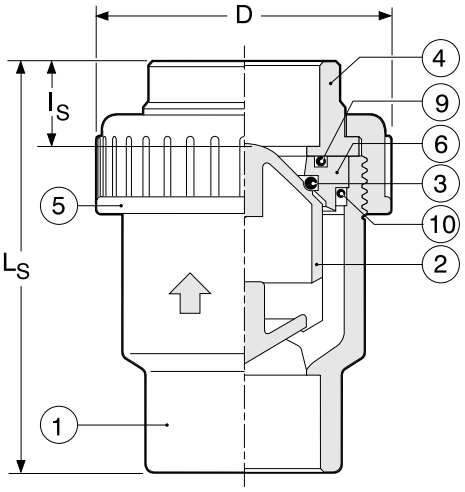
Size	20°C 68°F	30°C 94°F	40°C 105°F	50°C 120°F	60°C 140°F
1/2"- 2"	150	150	150	90	35
2-1/2"-3"	150	120	90	45	15

Maximum Temperature: 60°C (140°F).

PARTS

▲ Recommended Spare Parts

No.	Part	Pcs.	Materials
1	Body	1	PVC
2	Float	1	PVC
3▲	Seat O-Ring	1	EPDM, Viton®
4	End Connector	1	PVC
5	Union Nut	1	PVC
6	Seat Carrier	1	PVC
9▲	Face O-Ring	1	EPDM, Viton®
10▲	Carrier O-Ring	1	EPDM, Viton®



Valve shown in closed position

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Your Pipeline To Quality Valves, Piping, Flow Meters and Controls

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