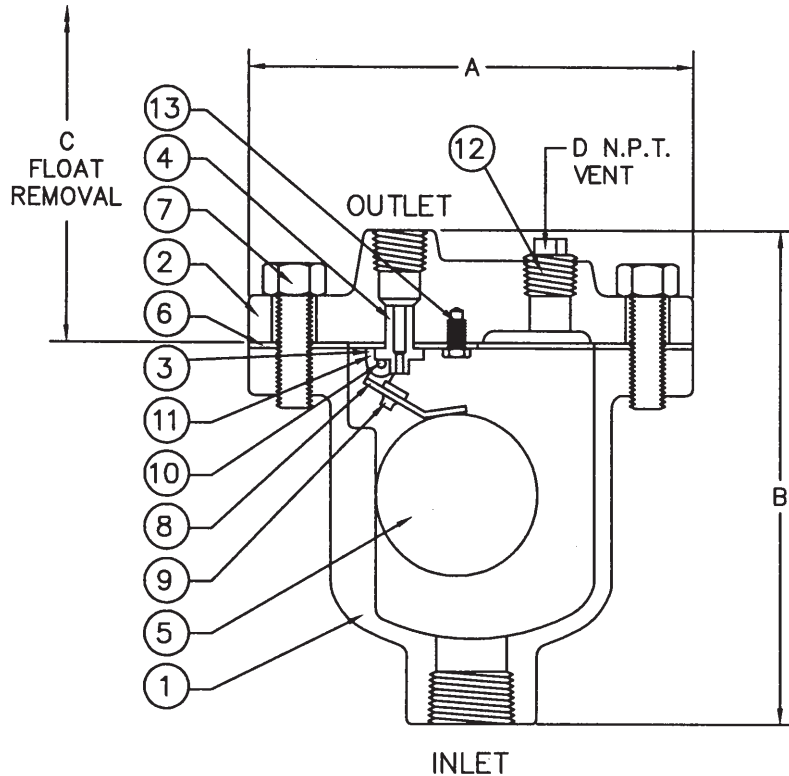




ELBI SERIES CIA-075 HIGH CAPACITY AIR VENT



Design Features

- Automatic float operated valve designed to release accumulated air from a piping system while the system is in operation and under pressure.
- Cast iron (A126-B) body with corrosion resistant stainless steel float and seat assembly.
- Valve cover is fitted with a 1/2" N.P.T. plugged connection that can be fitted with a manual valve to decrease start-up time during system filling.

Parts List and Standard Materials

Item	Description	Specifications
1	Body	A126-B Cast Iron
2	Cover	A-126-B Cast Iron
3	Lever Frame	A240-304 Stainless Steel
4	Seat	A240-304 Stainless Steel
5	Float	A240-304 Stainless Steel
6	Gasket	Non Asbestos
7	Cover Bolt	SAE Grade 5 Carbon Steel
8	Float Arm	A240-304 Stainless Steel
9	Orifice Button	Viton
10	Pivot Pin	A240-304 Stainless Steel
11	Pin Retainer	A240-304 Stainless Steel
12	Pipe Plug 1/2"	A126-B Cast Iron
13	Locator	ASTM A276 18-8 Stainless Steel

Max. Working Pressure Limits

EOA Series	Body Material	M.A.W.P. PSIG (Bars)
CIA-075	A126-B	150 (10.34)

Test Pressure Limits

Orifice Material	Upper Limit °F (°C)
Viton	250°F (121°C)

NOTE: UPPER TEMPERATURE LIMITED BY GASKET MATERIAL, NOT ORIFICE MATERIAL.

Lower Temperature Limits

Body Material	Lower Limit °F (°C)
A126-B	-20°F (-28.9°C)

Dimensional Data

Size NPT		A in (mm)	B in (mm)	C in (mm)	D in (mm)	Orifice Size NPT	Weight Lbs. Kgs.
Inlet in / (mm)	Outlet in / (mm)						
3/4	1/2	4.75	5.25	4.00	1/2	0.063	5.5
20	15	121	133	102	15	1.6	2.5

Competitor Cross - Reference

Company	IFC	Spirax Sarco	Metraflex	John Wood
Part No.	AR150	13WS	MV-15A	JHAV 63.075