



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	A126-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 LUG 1/2"	A126-B CAST IRON
13	LOCATOR	ASTM A276 18-8 STAINLESS STEEL

UPPER PRESSURE LIMITS

IFC SERIES	BODY MATERIAL	M.A.W.P. PSIG (BARS)
ARI50	A126-B	150 (10.34)

TEST PRESSURE LIMITS

ORIFICE MATERIAL	UPPER LIMIT °F (°C)
VITON	250 (121)

NOTES

I. Upper temperature limited by gasket material, not orifice material.

LOWER TEMPERATURE LIMITS

BODY MATERIAL	LOWER LIMITS °F (°C)
A126-B	-20 (-28.9)

IFC SERIES ARI50 DIMENSIONAL DATA

SIZE NPT in/mm		A in/mm	B in/mm	C in/mm	D in/mm	ORIFICE SIZE	Weight Lb./Kg.
INLET	OUTLET						
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	VALMATIC	SPIRAX SARCO	METRAFLEX	FLOMATIC	APCO	CRISPIN
PART NO.	ARI50	15A	13WS	MV-15A	6502	50	M8

Toll Free: 1.866.872.0072 • Toll Free Fax: 1.866.872.0073

Local Calls: 905.335.8777 • Local Fax: 905.335.0977 • Email: ifc@islipflowcontrols.com • www.islipflowcontrols.com