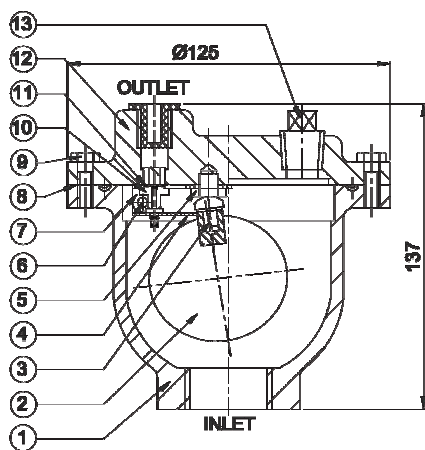




FIG 1



DESCRIPTION

VALMATIC® Automatic Air Vent is designed to release accumulated air from the piping system during the normal operating conditions. It also ensures to allow large quantity of air to flow through when the pipelines are being filled or emptied.

VALMATIC® Automatic Air Vent is featured with Fusion Bonded Epoxy Powder Coating to prevent the valve body from environmental attack. This Air Vent is applicable for Building Services, Plumbing, Waterworks, Air-Conditioning System, Hot Water System and General Industries.

SPECIFICATION

End Connection	- Screwed End BSPT
Pressure Rating	- PN16
Working Temperature	- up to 120°C

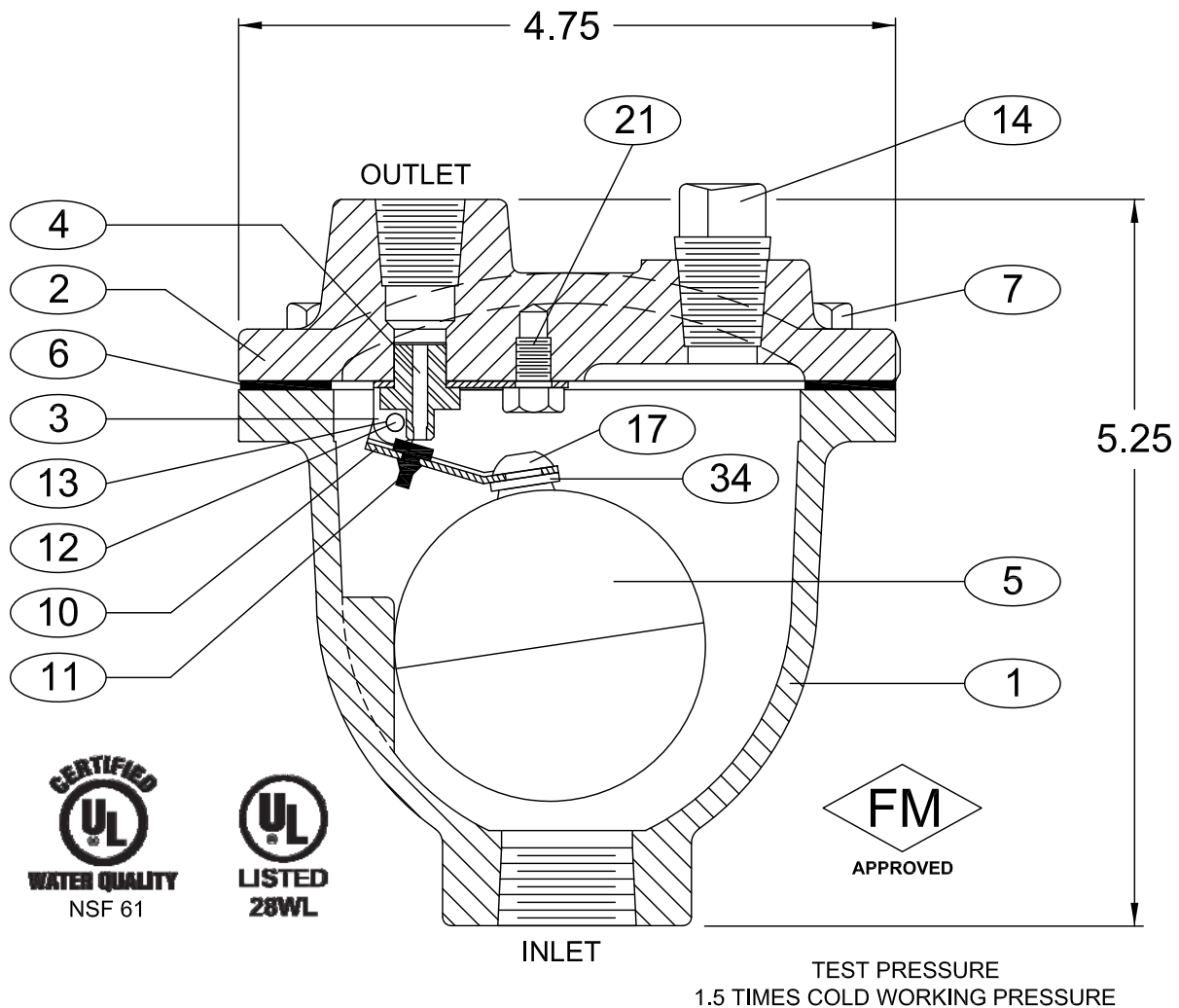
MATERIALS

NO.	PARTS	MATERIAL
1.	Body	Cast Iron A126 CLASS B (EN-JL1040)
2.	Float Ball	Stainless Steel AISI 304 (BS970 304S15)
3.	Lever Frame	Stainless Steel AISI 304 (BS970 304S15)
4.	Float Arm	Stainless Steel AISI 304 (BS970 304S15)
5.	Locator	Stainless Steel AISI 304 (BS970 304S15)
6.	Pivot Pin	Stainless Steel AISI 304 (BS970 304S15)
7.	Pin Retainer	Stainless Steel AISI 304 (BS970 304S15)
8.	Gasket	EPDM Rubber
9.	Cover Bolt	Carbon Steel A307B
10.	Orifice Button	VITON Rubber
11.	Seat	Stainless Steel AISI 304 (BS970 304S15)
12.	Cover	Cast Iron A126 CLASS B (EN-JL1040)
13.	Plug	BRASS B16 (CuZn39Pb3)

DIMENSIONS (INCH)

SIZE	INLET SIZE	OUTLET SIZE	ORIFICE SIZE
½ INCH	1/2" BSP	1/2" BSP	1/16"
¾ INCH	3/4" BSP	1/2" BSP	1/16"
1 INCH	1" BSP	1/2" BSP	1/16"

The specification is subject to change without further notice



SEE DRAWING NO. VM-15A-M FOR STANDARD MATERIALS OF CONSTRUCTION

VALVE SIZE	MODEL NUMBER	INLET SIZE	OUTLET SIZE	MAX. W.P. P.S.I.	ORIFICE SIZE
1/2"	15A	1/2" NPT	1/2" NPT	175	1/16"
3/4"	15A.2	3/4" NPT	1/2" NPT	175	1/16"
1"	15A.3	1" NPT	1/2" NPT	175	1/16"

1	BODY	11	ORIFICE BUTTON
2	COVER	12	PIVOT PIN
3	LEVER FRAME	13	RETAINING RING (NOT SHOWN)
4	SEAT	14	PIPE PLUG
5	FLOAT	17	FLOAT RETAINER
6	GASKET	21	LOCATOR
7	COVER BOLT	34	LOCK WASHER
10	FLOAT ARM		

AIR RELEASE VALVE

DATE 4-15-11

VAL-MATIC

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-15A