

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

VALMATIC

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-15A

10/20/17



bafsa



AIR RELEASE VALVE

SERIES NO. 15A

STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	BODY	CAST IRON ASTM A126, CLASS B
2	COVER	CAST IRON ASTM A126, CLASS B
3	LEVER FRAME	STAINLESS STEEL T316, ASTM A240
4	SEAT	STAINLESS STEEL T316, ASTM A276
5	FLOAT	STAINLESS STEEL T316, ASTM A240
6	GASKET	COMPRESSED NON-ASBESTOS FIBER
7	COVER BOLT	ALLOY STEEL SAE, GRADE 5
10	FLOAT ARM	STAINLESS STEEL T316, ASTM A240
11	ORIFICE BUTTON	VITON
12	PIVOT PIN	STAINLESS STEEL T316, ASTM A479
13	PIN RETAINER	STAINLESS STEEL PH 15-7 MO
14	PIPE PLUG	STEEL
17	FLOAT RETAINER	STAINLESS STEEL T316, ASTM F879
21	LOCATOR	STAINLESS STEEL T316, ASTM F593
34	LOCK WASHER	STAINLESS STEEL T316, ASTM A240

NOTE: ALL SPECIFICATIONS AS
LAST REVISED.

MATERIALS OF CONSTRUCTION

DATE 2/23/87

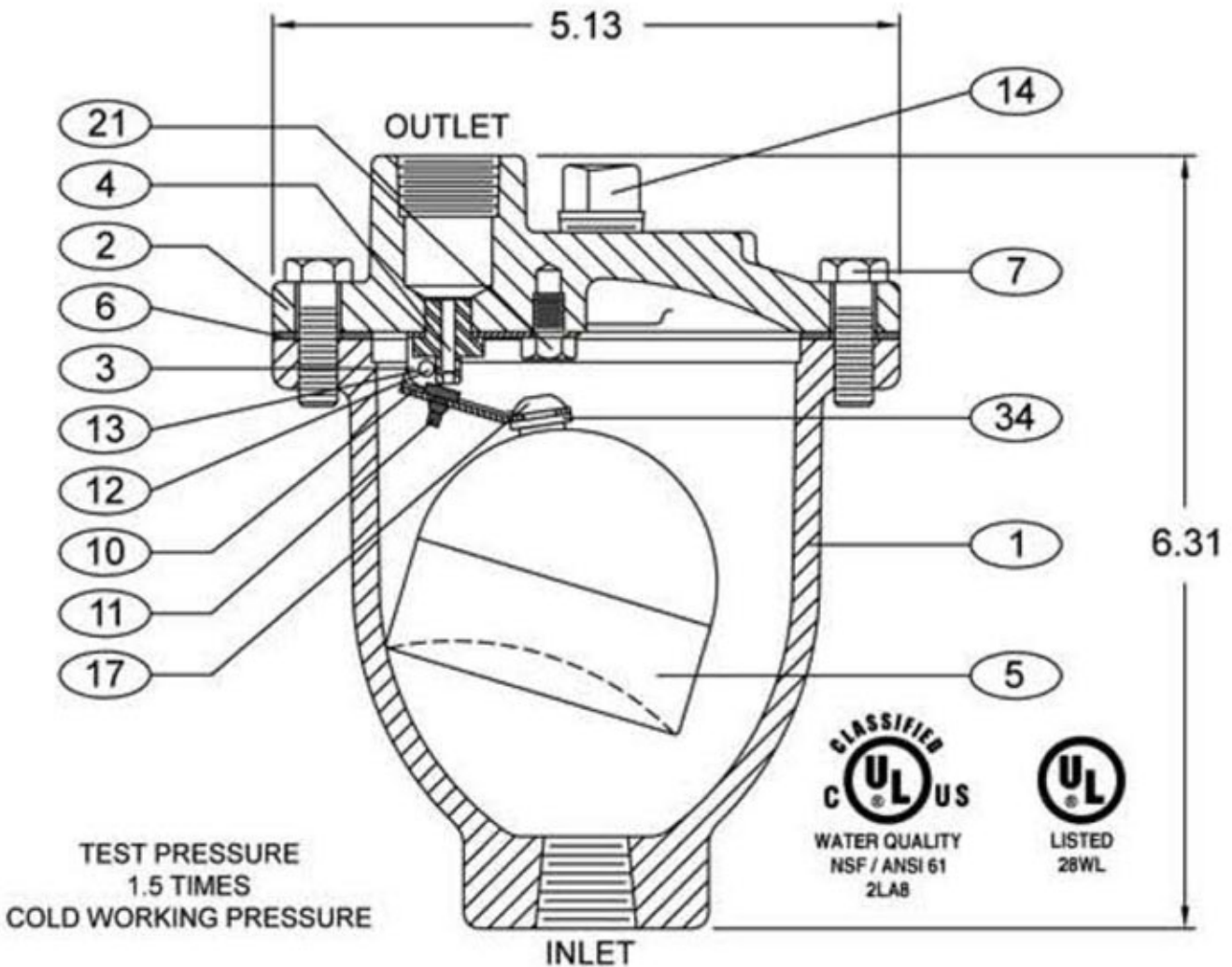
VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-15A-M

10/20/17



bafsa



SEE DRAWING NO. VM-22-M FOR STANDARD MATERIALS OF CONSTRUCTION

VALVE SIZE	MODEL NUMBER	INLET SIZE	OUTLET SIZE	MAX. W.P. P.S.I.	ORIFICE SIZE
1/2" - 3/4"	22.4 *	3/4" NPT	1/2" NPT	175	3/32"
1"	22.3 *	1" NPT	1/2" NPT	175	3/32"
1/2"	22.7	1/2" NPT	1/2" NPT	300	1/16"
1/2"-3/4"-1"	22.9 *	1" NPT	1/2" NPT	300	1/16"

* THE VALVE BODY IS THREADED FOR 1" NPT AND REDUCER BUSHINGS ARE PROVIDED FOR THE SMALLER VALVE SIZES INDICATED.

- | | |
|---------------|-------------------------------|
| 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 1-18-11

VAL-MATIC

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VMC-22

10/20/17



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the
Fire Protection
centre

A Great Deal to Offer

AIR RELEASE VALVE

SERIES NO. 22

STANDARD MATERIALS OF CONSTRUCTION

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	BODY	CAST IRON ASTM A126, CLASS B
2	COVER	CAST IRON ASTM A126, CLASS B
3	LEVER FRAME	STAINLESS STEEL T316, ASTM A240
4	SEAT	STAINLESS STEEL T316, ASTM A276
5	FLOAT	STAINLESS STEEL T316, ASTM A240
6	GASKET	COMPRESSED NON-ASBESTOS FIBER
7	COVER BOLT	ALLOY STEEL SAE, GRADE 5
10	FLOAT ARM	STAINLESS STEEL T316, ASTM A240
11	ORIFICE BUTTON	VITON
12	PIVOT PIN	STAINLESS STEEL T316, ASTM A479
13	PIN RETAINER	STAINLESS STEEL PH 15-7 MO
14	PIPE PLUG	STEEL
17	FLOAT RETAINER	STAINLESS STEEL T316, ASTM F879
21	LOCATOR	STAINLESS STEEL T316, ASTM F593
34	LOCK WASHER	STAINLESS STEEL T316, ASTM A240

NOTE: ALL SPECIFICATIONS AS
LAST REVISED.

MATERIALS OF CONSTRUCTION

DATE 5/8/69

VAL-MATIC® VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-22-M

10/20/17

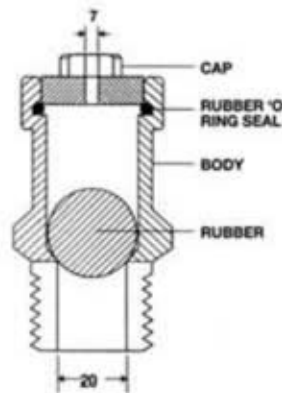
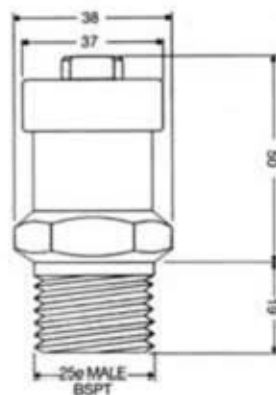


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Automatic Air Release Valve



The air release valve is generally installed in a Dry Riser System but it can also be used for wet systems such as Wet Riser, Automatic Sprinkler and Fire Hosereel Systems. The automatic air release valve adopts a simple 'ball float' operation using a hard rubber ball located at the upper valve chamber. Air in the pipe work is released through the vent hole when it is initially charged up with water until water reaches the ball chamber. The rubber ball will then be pushed upwards to seal the vent hole.

Features

- Manufactured from solid brass
- Male BSPT screw inlet
- Maintenance free
- Maximum test pressure 20 Bar
- Maximum working pressure 12 Bar

Dimensions

Diameter mm	Socket size A/F mm	Valve Height mm	Total Valve Height (inc connector) mm	Inlet mm
37	38	50	69	25 male BSPT