



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

VALVE SIZE	MODEL NO. **	INLET SIZE	OUTLET SIZE	MAX. W.P. P.S.I.	ORIFICE SIZE
1/2" - 3/4" *	22.4	3/4" N.P.T.	1/2" N.P.T.	175	3/32"
1"	22.3	1" N.P.T.	1/2" N.P.T.	175	3/32"
1/2"	22.7	1/2" N.P.T.	1/2" N.P.T.	300	1/16"
1/2" - 3/4" - 1" *	22.9	1" N.P.T.	1/2" N.P.T.	300	1/16"

* When multiple size inlets are indicated for a specific model number, the valve is threaded for the largest size indicated and a reducer bushing is provided for the smaller sizes.

** Add "H" to Model No. for optional screened hood SPK-5H.

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|----|-------------|----|--------------------------|
| 1 | BODY | 11 | ORIFICE BUTTON |
| 2 | COVER | 12 | PIVOT PIN |
| 3 | LEVER FRAME | 13 | PIN RETAINER (NOT SHOWN) |
| 4 | SEAT | 14 | PIPE PLUG |
| 5 | FLOAT | 17 | FLOAT RETAINER |
| 6 | GASKET | 21 | LOCATOR |
| 7 | COVER BOLT | 23 | SCREENED HOOD |
| 10 | FLOAT ARM | 34 | LOCK WASHER |

Revised 4-13-04

AIR RELEASE VALVE

DATE 5-8-69

VAL-MATIC[®]

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-22

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.

Revised 1-29-03

MATERIALS OF CONSTRUCTION

DATE 5/8/69

VAL-MATIC[®] VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-22-M