



COLD WORKING PRESSURE (CWP)
300 P.S.I.

TEST PRESSURE = 1.5 TIMES
COLD WORKING PRESSURE

SEE DRAWING NO. VM-100S-M FOR STANDARD MATERIALS OF CONSTRUCTION.

VALVE SIZE	MODEL NO.*	A	B	C	INLET SIZE	OUTLET SIZE	SCREENED HOOD
1/2"	100S	6 1/8"	7"	9 3/8"	1/2" N.P.T.	1/2" N.P.T.	SPK-5H
1"	101S	7"	9 1/2"	11 5/8"	1" N.P.T.	1" N.P.T.	SPK-1H
2"	102S	9 1/2"	12"	14 7/8"	2" N.P.T.	2" N.P.T.	SPK-2H
3"	103S	9 1/2"	12"	16 1/2"	3" N.P.T.	3" N.P.T.	SPK-3H

* ADD H TO MODEL NO. FOR OPTIONAL SCREENED HOOD

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|----------|-----------------------------|
| 1 BODY | 7 COVER BOLT |
| 2 COVER | 8 RETAINING SCREW |
| 3 BAFFLE | 9 GUIDE BUSHING |
| 4 SEAT | 14 PIPE PLUG |
| 5 FLOAT | 20 GUIDE SHAFT |
| 6 GASKET | 23 SCREENED HOOD (OPTIONAL) |

AIR/VACUUM VALVE

DATE 10-3-03

VAL-MATIC[®]

VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-100S

AIR/VACUUM VALVE

1/2" to 3" SERIES NO. 100S

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	BAFFLE	DUCTILE IRON ASTM A536, GRADE 65-45-12
4	SEAT	BUNA-N
5	FLOAT	STAINLESS STEEL T316, ASTM A240
6	GASKET	COMPRESSED NON-ASBESTOS FIBER
7	COVER BOLT	ALLOY STEEL SAE, GRADE 5
8 *	RETAINING SCREW	STAINLESS STEEL T316, ASTM F593
9	GUIDE BUSHING	STAINLESS STEEL T316, ASTM A240
14	PIPE PLUG	STEEL
20	GUIDE SHAFT	STAINLESS STEEL T316, ASTM A240
23	SCREENED HOOD (OPTIONAL)	GALVANIZED IRON

* STAINLESS STEEL T316, ASTM F879 FURNISHED ON VALVE NO. 100 ONLY

NOTE: ALL SPECIFICATIONS AS
LAST REVISED.

MATERIALS OF CONSTRUCTION

DATE 10/3/03

VAL-MATIC[®] VALVE AND MANUFACTURING CORP.

DRWG. NO.
VM-100S-M