



TEST PRESSURE  
1.5 TIMES COLD WORKING PRESSURE

SEE DRAWING NO. VM-45-M FOR STANDARD MATERIALS OF CONSTRUCTION  
SEE DRAWING NO. VM-45DISV-M FOR SUPER VALVE MATERIALS OF CONSTRUCTION

- |                   |                       |
|-------------------|-----------------------|
| 1 BODY            | 13 RETAINING RING     |
| 2 COVER           | 14 PIPE PLUG          |
| 3 LEVER FRAME     | 17 FLOAT RETAINER     |
| 4 SEAT            | 18 LOCK NUT           |
| 5 FLOAT           | 19 LINK               |
| 6 GASKET          | 21 LOCATING PIN       |
| 7 COVER BOLT      | 22 ORIFICE BUTTON ARM |
| 8 RETAINING SCREW | 28 PIPE PLUG          |
| 10 FLOAT ARM      | 30 WASHER             |
| 11 ORIFICE BUTTON | 34 LOCK WASHER        |
| 12 PIVOT PIN      |                       |

| SERIES NO. 45     |                   |              |               |
|-------------------|-------------------|--------------|---------------|
| INLET SIZE        |                   | 2"           | 3"            |
| OUTLET SIZE       |                   | 1"           | 1"            |
| WORKING PRESSURE  | 75<br>PSI<br>CWP  | MODEL NO.    | 45.3 45.4     |
|                   |                   | ORIFICE SIZE | 1/2" 1/2"     |
|                   | 150<br>PSI<br>CWP | MODEL NO.    | 45 45.2       |
|                   |                   | ORIFICE SIZE | 23/64" 23/64" |
|                   | 300<br>PSI<br>CWP | MODEL NO.    | 4 5.5 4 5.6   |
|                   |                   | ORIFICE SIZE | 7/32" 7/32"   |
| 400<br>PSI<br>CWP | M ODEL NO.        | 45HP 45HP.2  |               |
|                   | ORIFICE SIZE      | 3/16" 3/16"  |               |

SEE DRAWING NO. VM-45SV-M FOR  
SUPER VALVE MATERIALS OF CONSTRUCTION.

Revised 8-19-14 (Rev 2)

**AIR RELEASE VALVE**

DATE 4-20-11



VALVE AND MANUFACTURING CORP.

DRWG. NO.

**VMC-45**