

# SIDE TAPPED CHECK VALVES NO-LEAD BRASS (NO-SPIN POPPET)

## SPECIFICATIONS:

- The valve body and poppet are cast with no-lead brass.
- An abrasion-resistant O-ring is precision fitted to the poppet, ensuring a positive seal within a tapered, self-cleaning valve seat.
- The check valve features a Delrin® guide bearing that supports the poppet stem, ensuring smooth, noise-free, and long-lasting operation.
- Corrosion-resistant stainless steel components, including the spring and lock nut, enhance durability.
- This valve has a no-spin poppet design so it can be used next to the outlet of a submersible pump.
- The valve can be installed and operated in both vertical and horizontal positions.
- One tapping on the inlet and one tapping on the outlet ensures easy installation.
- Custom tapping is available upon request to meet specific installation requirements.
- Each Merrill check valve is individually boxed.



No Lead



C.A. Certified



## RATINGS:

- Working Pressure: 200 PSI
- Maximum Operating Temp: 190°F

## CERTIFICATIONS:

- IAPMO CA. Certified

| MATERIALS LIST        |                            |
|-----------------------|----------------------------|
| Part Name             | Material                   |
| Valve Body            | No-Lead Brass              |
| Poppet                | No-Lead Brass              |
| Cup for Spring        | 304 Stainless Steel        |
| Spring                | 304 Stainless Steel        |
| Lock Nut              | 304 Stainless Steel        |
| O-Ring                | NBR (Nitrile)              |
| Delrin® Guide Bearing | Delrin® (Polyoxymethylene) |

| DIMENSIONS |           |                    |       |       |       |           |                  |             |
|------------|-----------|--------------------|-------|-------|-------|-----------|------------------|-------------|
| Part No.   | Pipe Size | Number of Tappings | L in. | W in. | H in. | Ctn. Qty. | Approx. Wt./Lbs. | Master Qty. |
| CVRTNL1002 | 1"        | 2                  | 3.48  | 1.82  | 1.83  | 1         | 1.0              | 5           |
| CVRTNL1252 | 1-1/4"    | 2                  | 3.98  | 2.22  | 2.19  | 1         | 1.2              | 5           |

