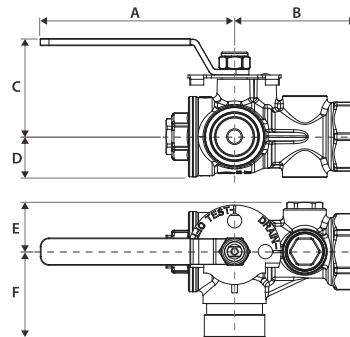


## Test and drain valve (Angle type)

Test and drain valve provides both the test and the drain function for wet sprinkler systems. It contains a single handle ball valve with 3 working positions, also includes tamper resistant test orifice and sight glass.



- Certificate: UL Listed / FM Approved
- Standard: UL 258, comply with NFPA 13
- Connection: Female thread, or grooved
- K-factor: K5.6, K8.0, K11.2, etc.
- W. pressure: 300 psi
- Surface: Rough brass



### Main parts and material

|                      |                      |               |                                     |
|----------------------|----------------------|---------------|-------------------------------------|
| <b>Body / stem</b>   | Cast or forged brass | <b>Ball</b>   | Cast or forged brass, chrome plated |
| <b>Sight glasses</b> | Polycarbonate        | <b>Handle</b> | Carbon steel                        |

### Available size (Source 1 with 300 psi)

| Size   |    | Dimension (mm) |    | Nominal K-Factor | Orifice | Connection       | Working pressure (psi) | Ref. No.        |
|--------|----|----------------|----|------------------|---------|------------------|------------------------|-----------------|
| NPS    | DN | A              | F  |                  |         |                  |                        |                 |
| 1"     | 25 | 121            | 55 | K5.6             | 1/2"    | NPT / BSPT / GRV | 300                    | VC0201 (UL/FM)  |
| 1-1/4" | 32 | 141            | 60 | K5.6             | 1/2"    | NPT / BSPT / GRV | 300                    | VC0202 (UL/FM)* |
| 1-1/2" | 40 | 161            | 65 | K5.6             | 1/2"    | NPT / BSPT / GRV | 300                    | VC0203 (UL/FM)* |
| 2"     | 50 | 161            | 72 | K5.6             | 1/2"    | NPT / BSPT / GRV | 300                    | VC0204 (UL/FM)  |

**Note:** For size 1-1/4" and 1-1/2" of grooved connection, they are only UL listed, not FM approved.

## Test and drain valve (Angle type)

### Available size (Source 3 with more orifices)

| Size   |    | Dimension (mm) |    | Nominal K-Factor | Orifice | Connection | Working pressure (psi) | Ref. No.    |
|--------|----|----------------|----|------------------|---------|------------|------------------------|-------------|
| NPS    | DN | A              | C  |                  |         |            |                        |             |
| 1-1/4" | 32 | 133            | 50 | K2.8             | 3/8"    | NPT / GRV  | 300                    | VC0221 (UL) |
| 1-1/4" | 32 | 133            | 50 | K4.2             | 7/16"   | NPT / GRV  | 300                    | VC0222 (UL) |
| 1-1/4" | 32 | 133            | 50 | K5.6             | 1/2"    | NPT / GRV  | 300                    | VC0223 (UL) |
| 1-1/4" | 32 | 133            | 50 | K8.0             | 17/32"  | NPT / GRV  | 300                    | VC0224 (UL) |
| 1-1/4" | 32 | 133            | 50 | K11.2            | 5/8"    | NPT / GRV  | 300                    | VC0225 (UL) |
| 1-1/4" | 32 | 133            | 50 | K14.0            | 3/4"    | NPT / GRV  | 300                    | VC0226 (UL) |
| 2"     | 50 | 173            | 27 | K4.2             | 7/16"   | NPT / GRV  | 300                    | VC0227 (UL) |
| 2"     | 50 | 173            | 27 | K5.6             | 1/2"    | NPT / GRV  | 300                    | VC0228 (UL) |
| 2"     | 50 | 173            | 27 | K8.0             | 17/32"  | NPT / GRV  | 300                    | VC0229 (UL) |
| 2"     | 50 | 173            | 27 | K11.2            | 5/8"    | NPT / GRV  | 300                    | VC0230 (UL) |
| 2"     | 50 | 173            | 27 | K14.0            | 3/4"    | NPT / GRV  | 300                    | VC0231 (UL) |
| 2"     | 50 | 173            | 27 | K16.8            | 15/16"  | NPT / GRV  | 300                    | VC0232 (UL) |
| 2"     | 50 | 173            | 27 | K22.4            | 1-5/64" | NPT / GRV  | 300                    | VC0233 (UL) |
| 2"     | 50 | 173            | 27 | K25.2            | 1-9/64" | NPT / GRV  | 300                    | VC0234 (UL) |

**Note:** For connection type, it is available with NPT x NPT, GRV x GRV, GRV x NPT.