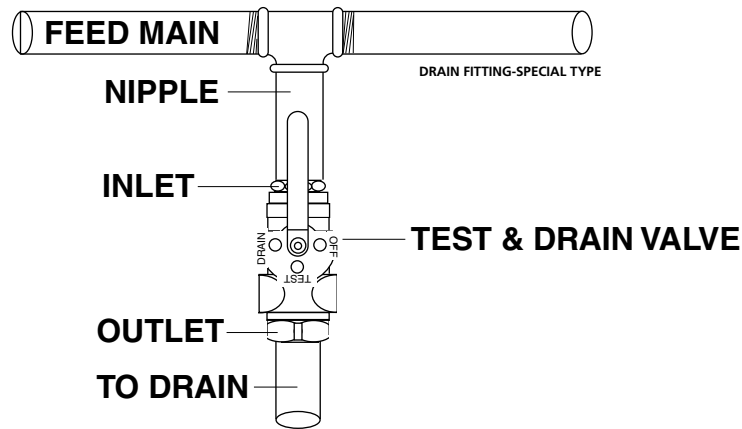


# A61

## TEST & DRAIN VALVE



Mod. A61 is drain and test fitting to use as special type drain fitting for Fire Protection Service in accordance with Standard for Installation of Sprinkler System.

### INSTALLATION INSTRUCTIONS:

- Direction of the flow to "drain" or to "test" shall comply with the direction of the arrows. Sight glasses shall be located downstream.
- Thread or groove pipe nipple into the inlet of the valve.
- Thread or groove pipe nipple and valve into the outlet on the feed main.
- Thread or groove piping from outlet of the valve to drain.

### VALVE OPERATING INSTRUCTIONS:

#### 1 TO TEST

Turn valve handle to "TEST" on the indicating plate  
After test is completed return handle to "OFF" position

#### 2 TO DRAIN

Turn handle to "DRAIN"  
When system is empty return handle to "OFF" position

### Valve size 1"

Coefficient K	Orifice size	End connection
2.8	3/8"	NPT, Rp
4.2	7/16"	NPT, Rp
5.6	1/2"	NPT, Rp
8.0	17/32"	NPT, Rp

### Valve size 1-1/2"

Coefficient K	Orifice size	End connection
4.2	7/16"	NPT, Rp
5.6	1/2"	NPT, Rp
8.0	17/32"	NPT, Rp
11.2	5/8"	NPT, Rp
14.0	3/4"	NPT, Rp
16.8	15/16"	NPT, Rp
22.4	1-5/64"	NPT, Rp
25.2	1-9/64"	NPT, Rp

Rp is BSPP thread for EN10226-1

Where flowrate (gpm) and loss of pressure (psi) are related as follows:  $gpm = K \sqrt{\Delta} \text{ psi}$

### Valve size 1-1/4"

Coefficient K	Orifice size	End connection
2.8	3/8"	NPT, Rp, Groove
4.2	7/16"	NPT, Rp, Groove
5.6	1/2"	NPT, Rp, Groove
8.0	17/32"	NPT, Rp, Groove
11.2	5/8"	NPT, Rp, Groove
14.0	3/4"	NPT, Rp, Groove

### Valve size 2"

Coefficient K	Orifice size	End connection
4.2	7/16"	NPT, Rp, Groove
5.6	1/2"	NPT, Rp, Groove
8.0	17/32"	NPT, Rp, Groove
11.2	5/8"	NPT, Rp, Groove
14.0	3/4"	NPT, Rp, Groove
16.8	15/16"	NPT, Rp, Groove
22.4	1-5/64"	NPT, Rp, Groove
25.2	1-9/64"	NPT, Rp, Groove