



National Fire Equipment Ltd.

## MODEL A61 TEST AND DRAIN

- Forged brass construction for superior corrosion resistance.
- Tapped ¼" for pressure gauge outlet.
- Positive positioning of handle for test, drain & off.
- Integrated sight glass.
- Every valve factory tested for strength & leakage to twice the rated working pressure.



**National Fire Equipment Ltd. Model A61 inspectors test and drain valve for Fire Protection Service in accordance with the Standard for Installation of Sprinkler Systems, NFPA 13.**

**Rated working pressure:** 175 psig simulating nominal ½" orifice

**Valve size:** 1" & 1 ¼"

**Orifice size:** Standard ½" Also available with 17/32" orifice

**Discharge coefficient K calculated from the equation:  $Q = K\sqrt{P}$**

**Q = Flowrate in GPM**

**P = Pressure in psig**

**K = discharge coefficient 5.8**

### Installation Instructions:

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

### Valve Operating Instructions:

**To Test:** Turn valve handle to "TEST" on the indicating plate. After test is complete, return to "OFF" position.

### To Drain:

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

