

National Fire Equipment Ltd.

MODEL A61 TEST AND DRAIN

- Forged brass construction for superior corrosion resistance.
- Tapped ¹/₄" 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 $\frac{1}{2}$ " orifice **Valve size:** 1" & 1 $\frac{1}{4}$ " **Orifice size:** Standard $\frac{1}{2}$ " Also available with $\frac{17}{32}$ " orifice

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

- $\mathbf{Q} = \mathbf{Flowrate in GPM}$
- \mathbf{P} = Pressure in psig
- $K = discharge \ coefficient \ 5.8$

Installation Instructions:

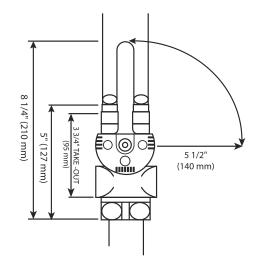
- Direction of flow to "drain" or to "test" shall comply with the direction of the arrows.
- Sight glasses shall be located downstream.
- Thread pipe nipple into the inlet of the valve.
- Thread pipe nipple and valve into the outlet on the main feed.
- Thread piping from outlet of the valve to drain.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



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