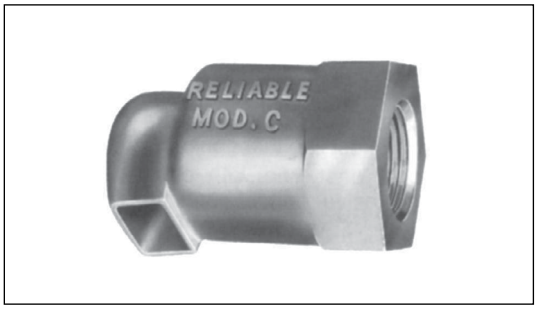
Reliable®

Miscellaneous System Components

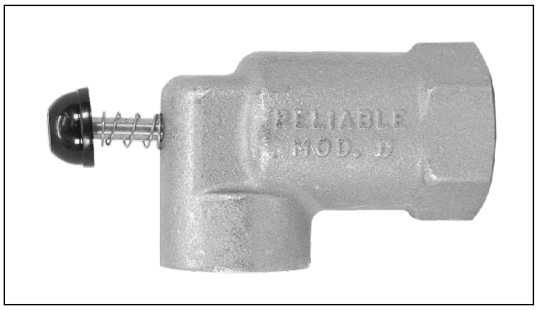
Model C — Automatic Ball Drip

An automatic drain valve horizontally installed at the low point in the fire department connection piping of automatic sprinkler systems. Water pressure from a fire department pumper automatically closes this valve. It automatically re–opens when pressure ceases, permitting this piping to drain and thereby preventing freezing. Made of bronze and available with 3/4" (R3/4) or 1/2" NPT (R1/2) female inlet connection. FM approved. Length: 2 9/16". Maximum working pressure: 175psi (12bar).



Model D - Mechanical Ball Check Valve

The Model D Mechanical Ball Drip Valve is a trim component used in the alarm line of various Reliable valves. The mechanical ball drip valve is designed to move to the closed position upon activation of the dry or deluge valve. After valve activation, push in the plunger of the mechanical ball drip valve to manually release the water pressure and to drain the alarm line. Made of bronze and available with ¾" (R¾) or ½" NPT (R½) female inlet connection. Length: 3½". Listed/ Approved as a trim component. See individual trim bulletins for details.



Model D - Semi-Automatic Ball Check Valve

The Model D Semi-automatic Ball Check Valve is a listed trim component used in the alarm line of various Reliable dry pipe and deluge valves. In the normal (open) position the semi-automatic ball drip allows for relieving small amounts of water in the intermediate alarm chamber of the valve. The semi-automatic ball check valve is designed to close upon activation of the dry or deluge valve when sufficient flow is present in the alarm line. When resetting the valve, push in the plunger of the semi-automatic ball check valve to manually release the water pressure and to drain the alarm line. Made of bronze and available with ½" NPT (R½) female inlet and outlet connections. Approximate length: 3½". Listed/ Approved as a trim component. See individual trim bulletins for details.

Model A — Fill Cup

Made of cast iron. Available with 1/2" or 3/4" NPT (R1/2 or R3/4) female pipe connection.
Cup Diameter: 3 3/4" (95mm). Length: 2 1/4" (57mm).

Model A — Blind Test Connection

Designed for installation in test lines of sprinkler systems that connect to open drains. Made of bronze with 1" NPT female pipe connections. Orifice is sized to simulate the flow rate equivalent to one nominal 1/2" (15mm) orifice sprinkler.
Length: 1 7/8" (48mm).

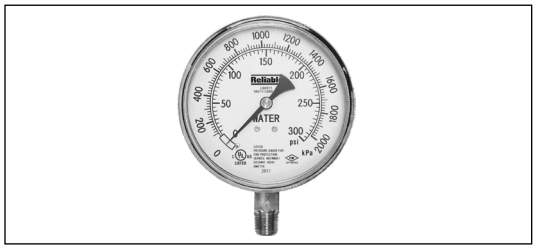
Model B — Sight Test Connection

Designed for installation on the drain side of the test valve in a test line that connects to a closed drain.

Made of cast iron with clear tube. Smooth bore non–corrosive orifice gives flow equivalent to one nominal 1/2" (15mm) orifice sprinkler. Has 1" NPT pipe connections.
Length: 5 1/16" (129mm).

Model UA — Water Pressure Gauge

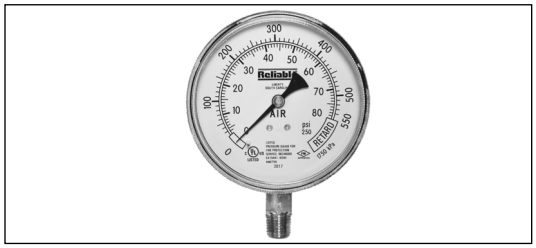
Range 0 to 300psi in 5psi increments, and 0 to 2000 kPa in 50kPa increments. 1/4" NPT (R1/4) male pipe connection.
Case: 3¾" diameter (95mm). Height: 4 3/4" (121mm).
Accuracy: ANSI B40.1 Grade B (3–2–3%)
Underwriters Laboratories Listed, UL file EX26795
Factory Mutual Approved



Model UA — Air Pressure Gauge

Range 0 to 80psi in 1psi increments, and 0 to 550kPa in 10kPa increments. Retard to 250psi and 1750kPa. 1/4" NPT (R1/4) male pipe connection. Case: 3¾" diameter (95mm). Height: 4 3/4" (121mm).

Accuracy: ANSI B40.1 Grade B (3–2–3%)
Underwriters Laboratories Listed, UL file EX26795
Factory Mutual Approved



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