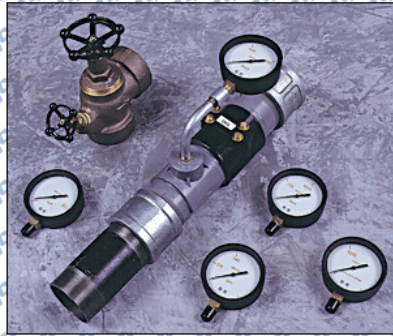


WATER SUPPLIES PROVING EQUIPMENT



GENERAL DESCRIPTION

The water supplies proving equipment is designed to provide the facility to test the rate of flow and pressure of the water supply available to sprinkler installations controlling valves covering a variety of hazard groups. The proving pipe is provided with a flow gauge and orifice plate available as a matched set, one for each hazard group.

Pressure switches are employed to initiate an alarm when pressure exceeds or falls a pre-determined level, whilst the stop valve alarm switches are employed to initiate an alarm if the Installation Stop Valve is closed.

FEATURES

- No specialised knowledge in the use of this equipment is required. A leaflet is enclosed with each product giving easy to follow instructions and details of operating parameters.
- Robust corrosion resistant design.
- Flow gauges are calibrated to the hazard class group required.
- Stop valve alarm is fitted with anti-tamperproof micro-switch.
- Proving pipe is designed to avoid blocking, removing doubts of inaccurate readings.

APPROVAL

The water supplies proving equipment, has been tested and approved by:

- LPC

AREAS OF INSTALLATION

The water supplies proving pipe can be used for Wet, Dry and Alternate applications to BS 5306 Pt 2 to hazard groups OH1, OH2, OH3 and OH3S.

Caution: When using a water supplies proving pipe, the drain pipework downstream of the orifice plate must have a friction loss less than 300 mb.

SPECIFICATION

MATERIALS

- Water supplies proving pipe-manufactured from galvanised malleable iron, mild steel noryl and ABS.
- Drain and test blocks-manufactured from Gun Metal, brass, rubber, aluminium and gunmetal to BS.1400.
- Alarm Pressure Switches-manufactured from brass, aluminium, plastic and stainless steel.
- Pressure gauges are manufactured from plastic, glass, brass, aluminium and stainless steel.

SPECIFICATION

DIMENSIONS

- Drain and Test Blocks:-42371 to suit Wet pipe and Alternate installations:-
180mm x 117mm x 170mm (7" x 4.5" x 6.625").
- 02339 to suit Alternate winter test requirements:-
150mm x 100mm x 150mm (6" x 4" x 4").
- Alarm pressure switch:-115mm x 70mm x 125mm (4.25" x 2.75" x 4.875").
- Pressure gauges:-all 100mm (4") dia, the depth of the gauges vary from 38mm (1.5") to 50mm (2").

WARRANTY

- Products are guaranteed against defects in material or workmanship for one year from delivery. For full details on Warranty, see Price List.

ORDERING INFORMATION

Water supplies proving equipment can be ordered using the following stock numbers.

Water Supplies Proving Pipe

STOCK NO	HAZARD GROUP
01308	XLH (80mm/3" ASSEMBLY)
01309	OH1
01310	OH2
01311	OH3
01312	OH3 SPECIAL
01313	XHH 7.5mm/min (not lpc approved)
01333	XHH 10mm/min (not lpc approved)

(Restricted to Wet installations Only)

Drain and Test Blocks

STOCK NO	DESCRIPTION
42371	TO SUIT WET PIPE AND ALTERNATE INSTALLATIONS
02399	TO SUIT ALTERNATE WINTER TEST REQUIREMENTS

Alarm Pressure Switch-Stock No. 42314

Pressure Gauges

STOCK NO	DESCRIPTION
41468	0-6 BAR
41455	0-10 BAR
41460	0-16 BAR
41462	0-200 p.s.i.
41467	0-300 p.s.i.
41472	0-6 BAR
41473	0-10 BAR
41474	0-16 BAR