Product Features

- Nominal size DN80 (3”) BSPT male thread or grooved connection
- Measuring range from 375 - 2100 lpm
- Hazard classification OH1, OH2, OH3, OH3 special
- Easy to install with threaded or grooved connection
- Horizontal, vertical or any other flow direction possible

Product Description

The RASCO Proving Pipe is a water supply proving device designed to measure the flow provided by a fire protection water supply. Available with DN80 (3”) BSPT threaded or grooved end connections, the RASCO proving pipe is LPCB certified. The RASCO Proving Pipes is provided with a demountable measurement tube that is connected directly to the flow meter body. The measurement tube is intended to be installed only in the vertical position. After measurements are taken it is recommended that the measuring tube is either drained by inverting it or removed from the flow meter body. If removed, the flow meter tube must be drained and stored in the supplied packaging. The open orifice must then be sealed pressure tight with the cap provided.

Maintenance

The owner is responsible for maintaining the fire protection system in proper operating condition. Any system maintenance or testing that involves placing a control valve out of service will eliminate the fire protection that is provided by the fire protection system.

The RASCO Proving Pipe and associated equipment shall periodically be given a thorough inspection and test. NFPA 25, “Inspection, Testing and Maintenance of Water Based Fire Protection Systems,” provides minimum maintenance requirements.

Guarantee

For Reliable Automatic Sprinkler Co., Inc. guarantee, terms, and conditions, visit www.reliablesprinkler.com.

Ordering Information

Specify the following when ordering:

RASCO Proving Pipe
End Connection
- threaded (7U99002542)
- grooved (7U99002543)
RASCO Proving Pipe

Technical Specifications

Measuring Principle:
Orifice plate flowmeter

Nominal Size:
DN80 (3”)

Pressure Limit:
PN 16 (232 psig)

Hydrostatic Strength Test:
40 bar (580 psig) for 5 min.

Measuring Accuracy:
±5.0% of measured value

Temperature Limit:
+4 °C to +50 °C (+39 °F to +122 °F)

Medium:
Water

Material Specifications

Housing: Stainless steel
Orifice plate: Brass ASTM B584
Differential pressure tube: Brass
Float: Stainless steel
Bypass orifice: Stainless steel
Filter: Stainless steel
Seal: NBR

End Connections
DN80 (3”) BSPT Male Thread
DN80 (3”) Groove

Listings and Approvals
LPCB Certificate Number 1385Ab

Dimensions and Weight

Installation Length:
100mm (4”)

Diameter Size:
88.9mm (3-1/2”)

Packing Size:
380 mm x 270 mm x 250 mm
(15” x 10-5/8” x 9-13/16”)

Weight (average) incl. packing:
2.4 kg (5.3 lb)

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RASCO Proving Pipe Dimensions

Figure 1

- 200mm (7-7/8”)
- 180mm (7-1/16”)
- 129mm (5-1/16”)
- 100mm (3-15/16”)