

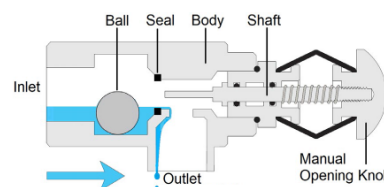
AUTOMATIC DRIP CHECK

Model DC

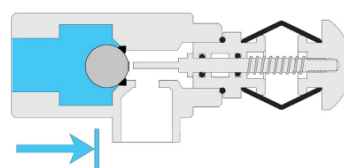
The Automatic Drip Check is used to drain system leakage or accumulated water/fluid from piping systems that need to be kept dry. It should be mounted horizontally at the lowest point of the piping system from which it drains, with the Outlet to the atmosphere and facing downwards. Allow direct visual access to the Outlet, to enable immediate identification of any system leakage that might require attention.

The normally open Automatic Drip Check will immediately close upon a sudden increase in flow and will automatically re-open upon a loss of system pressure.

The spring loaded manual opening knob can be used to verify that the piping is completely drained.

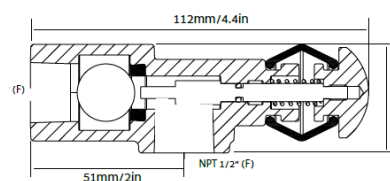


Open: The normally open Automatic Drip Check drains accumulated water/fluid from condensation/system leakage from the piping.



Closed: When the system piping suddenly fills with water/fluid the Automatic Drip Check closes.

Dimensions



Construction Materials

Standard

Body: Stainless Steel 316 ASTM A351 Grade CF8M

Stem: Stainless Steel 316

Seals: EPDM

n Ball: Stainless Steel 316

Ni.Al.Bronze (Seawater) Construction

Body: Ni.Al. Bronze ASTM B148 C95800

Stem: Monel 400

Seals: EPDM

Ball: Ni.Al. Bronze

Pressure Rating

25 bar (365 psi)

Hydraulic Properties

Automatically closes when the inlet pressure reaches 0.12 bar (1.76 psi), maximum, when the outlet drain is vented to the atmosphere.

Minimum required flow for closing: 554 l/h (2.44 gpm) Re-opens automatically when the inlet pressure drops to 0.04 bar (0.59 psi), minimum

Connections

Inlet: ½" NPT female

Drain: ½" NPT female

Approvals

UL-Listed ⁽¹⁾

EN and VdS compliant

FM-Approved ⁽¹⁾

Notes:

(1) When installed on Approved/Listed BERMAD Deluge Valves