

Technical Data Sheet: Models MA9 and MA10 Automatic Drip Check

1. DESCRIPTION

Minimax Fire Protection Automatic Drip Checks are designed to drain water automatically, which may leak past a normally closed dry valve or deluge valve. They close, however, against an increase in flow pressure and will open automatically at a predetermined decrease in pressure. The devices are used with dry and deluge valves to drain any water that may seep by the valve clapper.

Model MA9 Drip Check is used with a valve that does not have an automatic alarm line drain. It has a notched seat so that a slight amount of water will discharge through the drip check when the valve trips. When the control valve is closed, the alarm line will automatically drain through the drip check. This unit is normally used with the Minimax Fire Protection Deluge Valves.

Model MA10 Drip Check is used with a Model MD1 Dry Valve that has an automatic drain for the alarm line. When the valve trips, no water will discharge through the drip check. When the control valve is closed and the system is drained, the drip check will open and drain off any excess water in the valve.

2. LISTINGS AND APPROVALS

Designed to Underwriter's Laboratory and Factory Mutual requirements. Approved accessory to Dry and Deluge Valves.

3. TECHNICAL DATA

Specifications:

Working water pressure: 250 PSI (17.2 bar).

Material Standards:

Body: Brass casting UNS-C84400

Ball: Stainless Steel

Spring: Phosphor Bronze

Retaining Ring: Stainless Steel

Model D-4: Electroless Nickel Plated

Ordering Information:

Automatic Drip Check, 3/4"

Model MA9 (Deluge & Flow Control Valves): Part Number 61496

Model MA10 (Dry Valve): Part Number 61555

4. INSTALLATION

A. Install in outlet provided in valve trim.

B. Unit should be level.

5. INSPECTIONS, TESTS AND MAINTENANCE

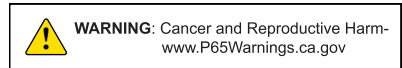
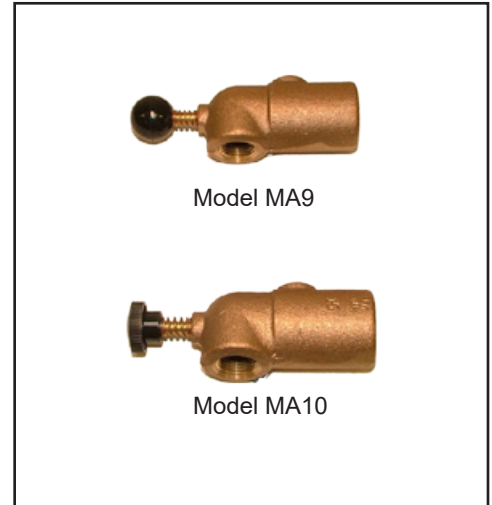
During each inspection of valve, push plunger to make sure no water is trapped.

6. AVAILABILITY

The Models MA9 and MA10 Automatic Drip Checks are available through a network of domestic and international distributors. See the Minimax Fire Protection Web site for closest distributor or contact Minimax Fire Protection.

7. GUARANTEES

For details of warranty, refer to Minimax Fire Protection's current list price schedule or contact Minimax Fire Protection directly.



Technical Data Sheet: Model MA8 Automatic Ball Drip Valve

1. DESCRIPTION

The Minimax Fire Protection Model MA8 Automatic Ball Drip Valve is designed to drain water automatically which may leak past a normally closed check valve or gate valve. It closes, however, against an increase in flow pressure and will open automatically at a predetermined decrease in pressure. Automatic ball drip valves are used, for example, on the inlet side of fire department check valve or pumper connections to prevent water from collecting and freezing.

2. LISTINGS AND APPROVALS

Designed to Underwriter's Laboratory and Factory Mutual requirements.

3. TECHNICAL DATA

Specifications:

Working water pressure: 250 PSI (17.2 bar)

Closing pressure: 13.5 PSI (0.93 bar) with increasing pressure

Opening pressure: 12.5 PSI (0.86 bar) with decreasing pressure

Material Standards

Bar: Brass UNS-C36000

Spring: Stainless Steel UNS-S30200

Retaining Ring: Stainless Steel UNS-S15700

Ordering Information

Automatic Ball Drip Valve, 1/2" : Part Number 61432

4. INSTALLATION

Install the automatic ball drip in a horizontal position. If desirable, pipe discharge to an open drain. 1/4" NPT is provided in the drain outlet.

5. INSPECTIONS, TESTS AND MAINTENANCE

The Automatic Ball Drip Valve should be inspected annually.

6. AVAILABILITY

The Model MA8 Automatic Ball Drip Valve is available through a network of domestic and international distributors. See the Minimax Fire Protection Web site for closest distributor or contact Minimax Fire Protection.

7. GUARANTEES

For details of warranty, refer to Minimax Fire Protection's current list price schedule or contact Minimax Fire Protection directly.



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