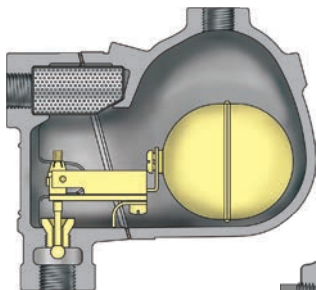


VELAN COMPRESSED AIR DRAIN TRAPS

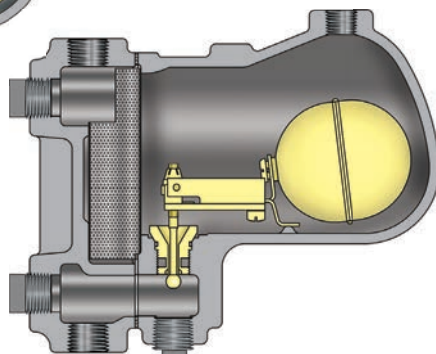
Type MFA/MFAS for pneumatic use:

- power tools • blowing moulds • paint

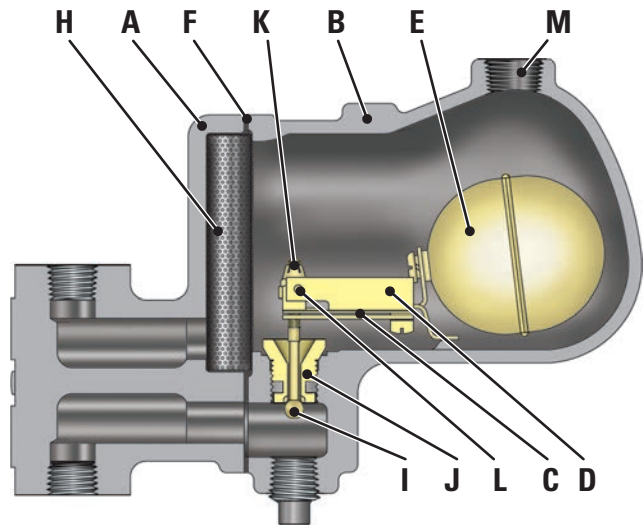
A complete unit: built-in strainer, check valve and air vent with dual inlet and outlet connections



Type MFA0



Type MFA1 AND 2



Type MFAS

COMPRESSED AIR DRAINAGE

In much the same way as steam, but for quite different reasons, compressed air gives up moisture as it cools. The act of compression raises the temperature of the air and even when passed through an after-cooler, it still has heat to lose before reaching the point at which it is used.

Water vapor carried in compressed air condenses and collects in the bottom of receivers, tanks or separators, and in low points of compressed air lines. If such accumulations are not removed, the passing air will pick up moisture, which may cause rusting, sticking or spoiled work.

TYPE MFA AND MFAS DESIGN FEATURES

The Velan Type MFA float trap automatically removes accumulated water from compressed air systems. Construction is similar to the Type MFT steam trap except that there is no thermostatic element. A boss is provided on top of the cover, tapped for a NPS $\frac{3}{8}$ (DN 10) air circulating pipe which is necessary unless the trap is fitted directly under and so close to the drain point that air entering the trap can escape back through the inlet.

- **Stainless steel float and trim**
- **Simple Installation**
Multiple inlet and outlet connections facilitate horizontal, vertical or angle installation.

- **Integral strainer**
Stainless steel screens are integral to protect the trap operating mechanism from damage by dirt or scale. No extra fittings or installation costs are required. Free strainer area minimum 5 to 1. Perforation is 0.031" (0.8 mm).
- **Integral check valve operation**
The main valve acts as a check valve preventing back flow.
- **Stainless steel pivots**
Assure adequate protection against wear.
- **Seat CoCr alloy hardfaced**
Increases resistance to the high degree of wear through velocity of flow, dirt and scale.
- **Freeze-proof installation**
Freeze-proof without insulation – complete drainage when cold.

APPLICATIONS

Pneumatic power tool operation:

- Air operated chucks
- Air operated cutters

Pneumatic blowing operation:

- Foundry mould blowing
- Paint shop spraying