

## Diaphragm anti-siphon valve MAV



### Benefits

- Safe height 1-4 m
- With shut-off and venting function
- Incl. lead sealing kit
- Proofed Barrier (odour-tight)
- Materials resistant to biofuel and biodiesel mixtures with max. 30 % FAME
- Watertight up to 10 m water column - ideal for use in flood hazard areas



### Application

For oil carrying suction pipes in oil consuming systems where a pipe section is below the maximum tank level. MAV keeps fuel oil from being siphoned out of the tank in the case of leaks. Suitable for the following media: fuel oil (DIN 51603-1) and diesel fuel (EN 590) as well as biofuel and biodiesel with max. 20 % FAME. Also for use in flood hazard areas.

### Versions

	Part no.
Diaphragm anti-siphon valve MAV	20139
Screw connections G $\frac{1}{2}$ x 6 mm with Cu Cu flat gasket, dual	20507
Screw connections G $\frac{3}{4}$ x 8 mm with Cu Cu flat gasket, dual	20504
Screw connections G $\frac{3}{4}$ x 10 mm with Cu Cu flat gasket, dual	20505
Screw connections G $\frac{3}{4}$ x 12 mm with Cu Cu flat gasket, dual	20506

Blue part no. = in-stock items

### Description

MAV is continuously adjustable to a safe height of 1–4 m for optimum adaptation to suit local conditions. The adjusted value corresponds to difference between the installation height and the lowest point of the oil line. MAV shuts off under spring pressure and opens under the vacuum caused by the pump. Watertight up to 10 m water column. If necessary, install a pressure compensation unit.

## Technical specifications

### Adjustment of safe height

Corresponds to installation height  
1 – 4 m, fully adjustable

### Connection thread

Both ends G½ female

### Mounting position

Any

### Oil flow rate

Max. 220 l/h

### Operating temperature range

Medium: -25/+40 °C

Ambient: -25/+40 °C

### Vacuum-tight

Bis -1 bar

### Test pressure

Max. 6 bar

### Material

Housing: Brass

### Approval

DIBt: Z-65.50-415

### Scope of delivery

- Diaphragm anti-siphon valve
- Lead sealing kit

## Detail views



