

Air Maintenance Devices

We manufacture a variety of Air Maintenance Devices, used to maintain pressure in sprinkler systems that run off the works main air supply or a separate compressor with receiver.

We strongly recommend that you do not use an air maintenance device (or regulator, or localised restricted orifice) on a compressor without receiver as this will prevent the pump working properly and quickly lead to hunting, motor burn out or seizing.

When used alongside an air receiver, the Air Maintenance Device maintains the outgoing air accurately at the required pressure. In 'maintenance mode', the air supply is directed through an orifice plate so that when a sprinkler head is activated, the air supply will not interfere with the operation of the dry valve. In 'fast-fill mode' the full bore bypass allows maximum throughput to reduce re-filling times.

An air maintenance device can be used stand-alone, or we can manufacture our receiver-model compressors with an integrated AMD to reduce space requirements, overall cost and ease of use.

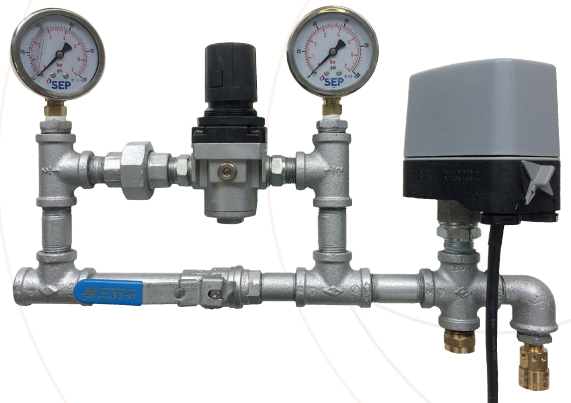


Key Features

- Pressure regulator to allow setting down to 0.5 bar.
- Ball valves for fast-fill bypass, test and isolation.
- Glycerine filled pressure gauge to suit application.
- Galvanised union with brass orifice plate.
- Spring non return valve.
- All 1/2" pipework spray protected with our hammer finish.

Additional Options

- Lockable ball valves.
- Air filter/regulator with drain.
- Polypropylene mounting board.



All units are quickly built to order.

The photos illustrate only the most popular models; please contact us if you require something different – we pride ourselves on our responsiveness, flexibility and quality and are therefore happy to manufacture to your own requirements wherever possible.