

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 especially recommend the use of an air maintenance device with low pressure alarm valves, as you will achieve ultimate control and a consistent pressure independently of the air compressor's cut-in and cut-out settings.

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 if vital due to space restrictions, we can build a bespoke integrated AMD to suit your individual needs..

Key Features

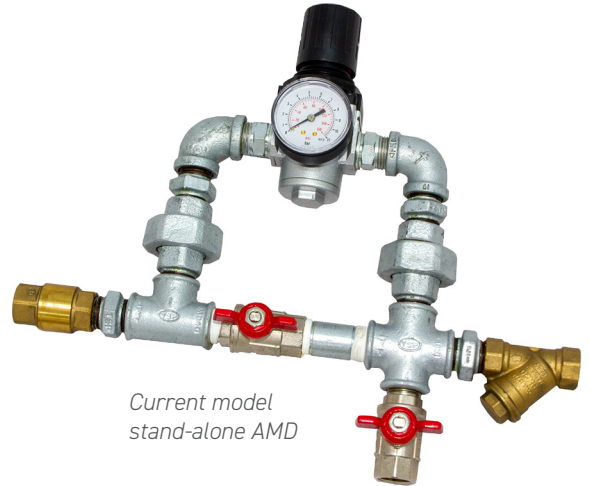
- Pressure regulator to allow setting down to 0.5 bar.
- Ball valves for fast-fill bypass, test and isolation.
- Pressure gauge to suit application.
- Brass orifice restriction.
- Inlet strainer, and outlet spring non-return valve.
- All 1/2" pipework fully galvanised.

Additional Options

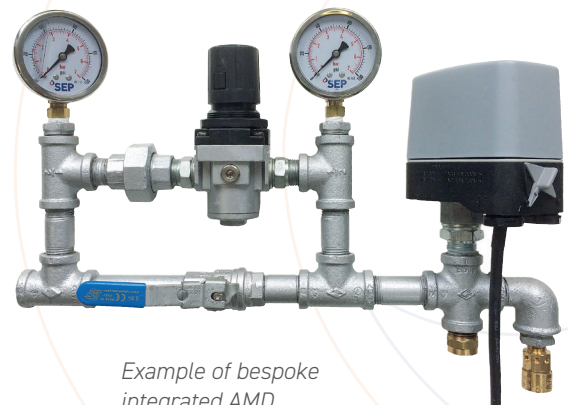
- Lockable ball valves.
- Air filter/regulator with drain.
- Polypropylene mounting board.

Stand-alone AMDs are usually available from our stock.

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.



*Current model
stand-alone AMD*



*Example of bespoke
integrated AMD*