

Innovation

The ONE unit -

A revolution in air service design

Air service design has been unchanged for many years until Metal Work introduced the ONE unit.



The Metal Work ONE unit

Typically the component parts of the air service unit are connected together e.g. Filter/regulator, shutoff valve, distribution manifold, slow start valve, dump valve & pressure switch. In this configuration the assembly becomes quite cumbersome.

ONE improves on existing designs by remaining the same compact size regardless of the configuration. Options include :-

- The inlet & outlet port size can be specified from 1/4" to 1" plus the threaded ports swivel to allow easy fitting to the supply & delivery pipework.
- Additional connection ports are provided (1/4"), one unregulated and two regulated.
- Filtration can be either 20µm or 5µm
- A blocked filter indicator tells you when the filter needs changing. Changing is carried out from the front of the ONE unit, as it is unscrewed the air supply is automatically cut off.
- The regulator can be either 0.5 to 2bar, 0.5 to 4bar or 0.5 to 8bar
- The manual on/off valve is padlockable plus there is also the option of an electrical on/off valve.
- A slow start valve can be included within the ONE unit, adjustment is carried out from the front.
- The electrical on/off or slow start valve also act as a dump valve to depressurise the system (a silencer is in-

cluded on the bottom of the ONE unit).

- An adjustable pressure switch can be adjusted from the front of the one unit. LED indication on the front of the ONE unit show the switch status.
- Connection to the slow start (or electrical on/off valve) and from the pressure switch are via an industry standard M12 connector.
- The condensate drain can be either semi or fully automatic.
- Mounting holes are provided plus a mounting bracket is also available.

ONE is also environmentally friendly :-

- Weighing in at less than 25% of a conventional service unit it reduces the amount of raw materials used.
- The low power coil on the on/off and slow start valve reduce energy consumption.
- When disassembled all the component parts can be recycled.
- Packaging is reduced to a minimum (compared to buying a traditional solution)

The Metal Work ONE unit only needs to be accessed from the front for adjustments & servicing so it can be fitted in the corner of a control cabinet or in a restricted area.

Add to this the space and cost savings the ONE unit provides you can see why more companies are choosing to use Metal Work Pneumatic.



ONE reduces weight & saves space

Special offer June/July 2007

Any order for a ONE air service unit during June, July & August will entitle the purchaser to \$50 of fittings and/or tubing free-of-charge*

The Metal Work ONE unit not only reduces your assembly time and the space required on your machine. Now you get yet

another saving when using the Metal Work ONE unit.

Quote **ONEJJA** when placing your order

* Fittings/tubing must be specified at the time of placing the order, \$ value is based on list price.