

Standard LPC Air Compressors

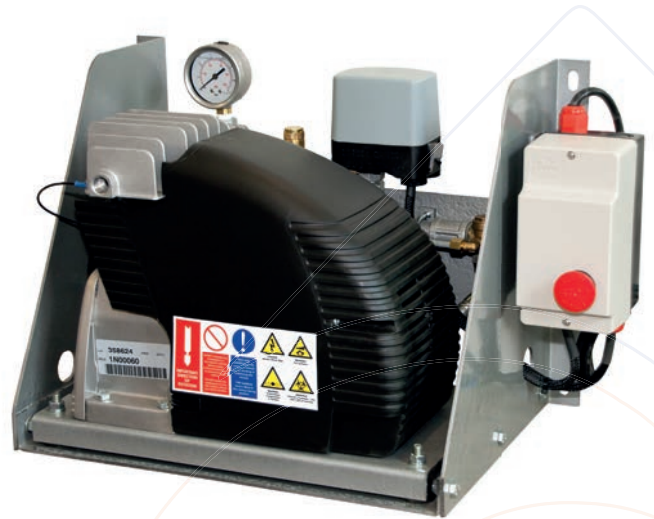
We manufacture a comprehensive range of compact, self-contained air compressors suitable for dry, pre-action, alternate or tail-end sprinkler systems. All of our compressors are designed to comply with LPC, BS5306 & EN12845 guidelines, PED 97/23/EC, and are fully tested prior to despatch.

Our compressors are also often manufactured with 24 litre air receivers (a requirement for FM systems), or for low-pressure applications.

For higher capacities (e.g. large systems, multiple valve sets, and older 'leaky' systems) belt driven compressors are available.

Our compressors are built and tested to exacting standards for quality, reliability and longevity; cheaper compressors are available from others.

Please go to our 'Downloads' page for more detailed data sheets, O&M documentation and notes on LPC guidelines.



Key Features

- Standard: 2-6 bar pressure switch set to cut out @3.5 bar (minimum differential 0.8bar).
- Low: for cut-out below 2.5 bar or differential below 0.8 bar.
- Pressure safety relief valve to suit factory set pressure.
- Glycerine filled 63mm pressure gauge.
- Contactor starter with thermal overload and min 1m flex.
- Unloader valve and non-return valve prevents compressor starting under load.
- On-delay timer (400v models require neutral for a 230v supply) to reduce the number of starts, prevent overheating and promote longevity.
- Min 0.5m flexible hose with 1/2" adaptor for system connection.
- Integrated brackets or Unistrut for wall-mounting (floor-mounting kits available).
- Anti-vibration mounts.
- Air receiver models include 24 litre 11 bar receiver with drain valve.
- We offer mainly lubricated models for performance and longevity, although our lowest capacity model is oil-free.



Continued overleaf

Description	Model Ref	Volt/Ph*	kW/hp	Gross Cfm/lpm	FAD Cfm/lpm
Wall-mount compressor, small	SEP550S	230/1	1.5/2.0	8.5/240	5.5/155
- oil-free	SEP550S/OF	230/1	1.5/2.0	7.7/220	4.2/125
Wall-mount compressor, medium	SEP850S	230/1	1.8/2.5	9.2/260	8.0/225
Wall-mount compressor, large	SEP850T	400/3	2.2/3.0	11.1/315	8.5/240
Base-mount compressor, small	SEP10.3	230/400	2.2/3.0	14/400	10.1/285
Base-mount compressor, medium	SEP17.0	400/3	4.0/5.5	23/650	18/500
Base-mount compressor, large	SEP23.0	400/3	5.5/7.5	30/820	23/650

For **400v models**, we ideally need to know if the supply has a **neutral** connection available.

For models with **24L air receiver/tank**, simply add **".AR"** to above Model Ref when enquiring/ordering.

For models with our unique **integrated Air Maintenance Device**, simply add **".AR.AM"** to above Model Ref when enquiring/ordering.

If you require **cut-out <2.5 bar OR differential <0.8 bar**, simply add **".LP"** to above Model Ref when enquiring/ordering.

To meet even more LPC guidelines, our unique **integrated Air Maintenance Device** incorporates restricted/regulated line, full-bore bypass line and gauges for both air receiver and system.

Only the most popular models are shown in the table above; 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.

- for higher outputs, one of our **base-mount** compressors.



- for very cold environments, ask us about our **air dryer sets**.



- for higher outputs and/or critical backup applications, ask us about our unique **duplex** stations.