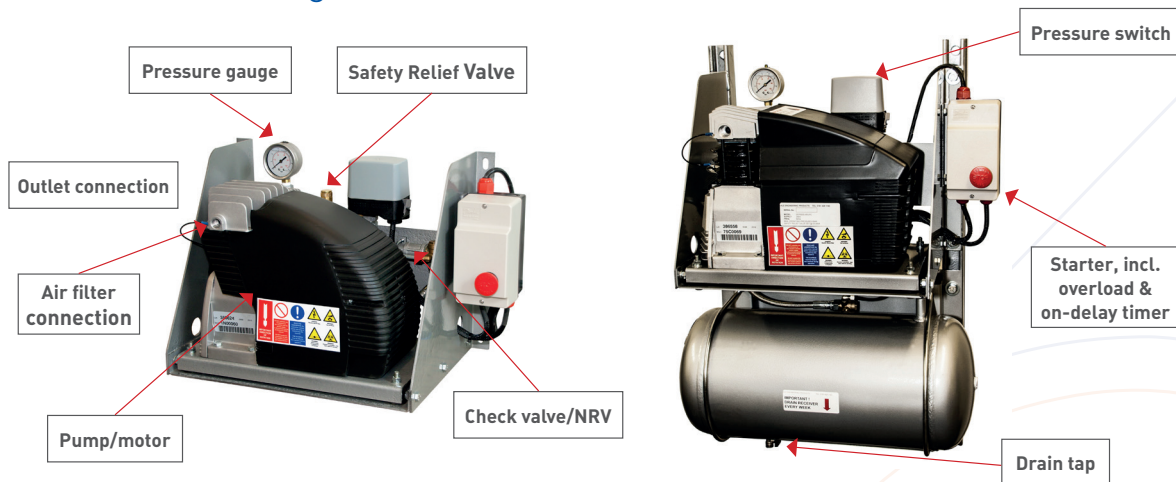


Standard Air Compressors (LPC compliant)

Data sheet for SEP850T with or without air receiver



Description

The compressor comprises an air-cooled reciprocating air compressor pump unit which is driven directly by a 3-phase (refer to important notes below) 400v/2.2kw electric motor. The compressor is mounted upon a buffered base plate, and the receiver model includes a 24L CE-marked air receiver, underhanging the main frame for easy installation. Floor- and riser-mounting kits are available as an option. Filter/regulators and air maintenance devices are available for use with receiver models.

The compressor is specifically designed and built to help you meet as many LPCB guidelines as possible; the only additional requirement for an FM system is an air receiver. Our design includes:

- A quality Danfoss pressure switch to enable automatic "stop/ start" control (standard settings below – if required cut-out is below 2.5bar, or differential below 0.9bar then a 'low pressure' model is required).
- Unloading valve and non-return valve to release pressure once the compressor stops.
- Safety relief valve and thermal overload for pressure and electrical protection.
- On-delay timer to prevent early cut-in in case of sprinkler activation (excluded on request).
- 63mm glycerine filled pressure gauge.
- 24 litre SEP-designed air receiver with manual drain tap (auto-valve available on request).

Technical information

Voltage input	380-415v (3-phase)	
Power output	2.2kw/3.0hp (FLC6A)	
Air output	Gross 10cfm/280lpm (approx. FAD @ 1bar 8.5cfm/240lpm) min.	
Maximum pressure	5.5bar (restricted by safety relief)	
Standard pressure settings	Cut-out 3.5bar, cut-in ~2.6bar (see above)	
Outlet	Flexible 3/8" hose with 1/2" adaptor (0.5m supplied; 1m option available)	
Noise level	78 dB(A)	
	Non-receiver	Receiver
Dimensions	W57cm D31cm H36cm	W62cm D36cm H82cm
Weight	30kg	54kg

IMPORTANT: 3-phase power supply

If you have a **5-wire** supply (3 phases, earth and neutral) then you will be able to install either model, although the **SEP850T/LPC** (with timer) is the recommended option.

If you have only a **4-wire** supply (3 phases and earth, no neutral) then you **must** only install the **SEP850T** (no neutral/timer).

Important

Non-receiver models **must** be connected to 'open' pipework to prevent damage to the compressor.

If you wish to use an air maintenance device, regulator or restricted orifice, then a receiver model must be installed.