

Standard Air Compressors (LPC compliant)

Data sheet for SEP550S OIL-FREE with or without air receiver



Description

The compressor comprises an air-cooled reciprocating air compressor pump unit which is driven directly by a single-phase 230V/1.5kw 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	220-240v (1ph)	
Power output	1.5kw/2.0hp (FLC 10A)	
Air output	Gross 7.7cfm/220lpm (approx. FAD @ 2bar 5.5cfm/160lpm)	
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	75 dB(A)	
	Non-receiver	Receiver
Dimensions	W57cm D31cm H36cm	W62cm D36cm H82cm
Weight	25kg	49kg

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.