Standard Air Compressors (LPC compliant)

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Data sheet for SEP13S with or without air receiver

Description

The compressor (the largest single-phase 230v machine available) comprises a two-stage air compressor pump unit which is driven via an enclosed belt by a 230v/3kw electric motor (note below the power requirements). The compressor is mounted upon a powder coated steel base plate (base-mount models) or a CE-marked 200L horizontal or 150L vertical air receiver. Filter/regulators and air maintenance devices are available for use with receiver models.

The SEP compressor trim 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).
- an unloading valve and non-return valve to release pressure once the compressor stops;
- a 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 or if no neutral).
- a glycerine filled pressure gauge;
- outlets for both system and test (or receiver drain).

Technical information

Voltage input	220-240v (1ph)		
Power output	3.0kw/4.0hp (FLC 20A)		
Displacement/output	Gross 18.0cfm/495lpm (FAD @ 2bar ~13.5cfm/380lpm)		
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 ½" adaptor (0.5m supplied; 1m option available)		
Noise level	76 dB(A)		
	Non-receiver	Horizontal Receiver	Vertical Receiver
Dimensions	W90cm D45cm H90cm	W145cm D55cm H98cm	W76cm D60cm H198cm
Weight	60kg	90kg	120kg

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.

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