

Standard Air Compressors (LPC compliant)

Data sheet for SEP27T with or without air receiver



Description

The compressor comprises a two-stage air compressor pump unit which is driven via an enclosed belt by a 3-phase 400v/7.5kw electric motor. The compressor is mounted upon a CE-marked 270L air receiver (base mounted model not available other than by special prior agreement). 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 overloads for pressure and electrical protection;
- An on-delay timer can be installed by special request.
- a glycerine filled pressure gauge;
- outlets for both system and test (or receiver drain).

Technical information

Voltage input	380-415v (3-phase)
Power output	7.5kw/10hp (FLC 16A)
Displacement/output	Gross 38cfm/1080lpm (FAD @ 2bar ~28cfm/800lpm)
Maximum pressure	5.5bar (restricted by safety relief)
Standard pressure settings	Cut-out 3.5bar, cut-in ~2.6bar (see above)
Outlet	Flexible 1m large-bore hose with BSP adaptor
Noise level	77 dB(A)
Dimensions	W150cm D55cm H110cm
Weight	180kg

IMPORTANT: 3-phase power supply.

Please confirm when ordering whether you have a 5-wire supply (3 phases, earth and neutral) or a 4-wire supply (3 phases and earth, no neutral), and whether you would like an on-delay timer.