



Technical Specification | Peristaltic Pumps

Compressor Sensor

Part No: FP2584

ASPEN-5/09

Dimensions:

Pump

Height: 145mm
Width: 160mm
Depth: 83mm
Weight: 1.7kg

Sensor

Height: 126mm
Width: 22mm
Depth: 16mm
Weight: 0.1kg

Power Supply:

Pump rating: 0.2A, 230V AC
Alternative voltages available

Electrical Connections:

Brown: Live
Blue: Neutral
Green/yellow: Earth

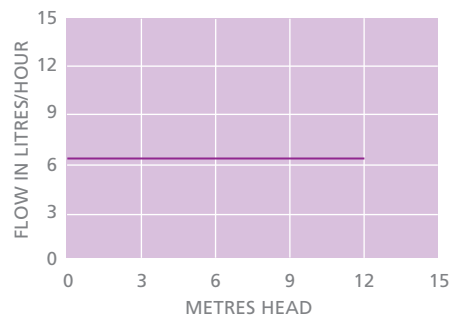
Other Features:

- Operates on 150-230V compressor signal
- Self-priming lifts 5 metres
- 3 minute timer overrun
- No siphoning back
- No loud sound from dry running
- Manual test switch
- Pumps water, fibrously contaminated water and air
- Fire retardant plastics

- Inlet/outlet size: 6mm
- Push-in plug
- Wall-mounted bracket
- Mains cable: 3 metres
- Sensor cable: 10 metres

Performance:

- Water flow rate:
6.25ltrs/hour at 12m head
- 12 metres discharge head
- Horizontal: In excess of 100m



Service Guide:

We recommend that you inspect the pump head regularly, and change the pump head tube every 12 months or more frequently if required.



Ideal for applications where complete silence is important.

The Compressor Sensor pump is triggered by a sensor, which is designed to be mounted onto the compressor in an external condenser unit. When the air conditioning system starts up, the compressor produces a localised electromagnetic field, triggering the sensor, which in turn activates the peristaltic pump. The pump runs constantly while the compressor is operational. When the compressor switches off, a 3 minute timer ensures that the condensate tray is emptied before the pump switches off. Rollers in the pump act as check valves to stop the condensate draining back into the condensate tray.

The pump can either be fitted in the ceiling void or installed within the condenser unit (or nearby), as long as the pump and its plug/socket are sheltered and fully protected from any water ingress. The pump can be mounted remotely in this way, as it is self-priming to a height of 5m and will pump 6.25L/h of water against a maximum head of 12m.



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