

TECHNICAL SPECIFICATIONS

- Operates on 150-230V cooling signal
- Self-priming lifts 3 metres
- 12 metres discharge head
- Water flow rate: 6.25 ltrs per hr @ 12 metres head
- 3 minute timer overrun
- No siphoning back
- No loud sound from dry running
- Pumps water, fibrously contaminated water and air
- Manual test switch
- Pump rating: 0.2A, 230V AC
Alternative voltages available
- Fire retardant plastics
- Inlet/outlet size: 6mm
- Push-in plug
- Wall-mounted bracket
- Mains cable: 3 metres
- Sensor cable: 10 metres

INSTALLATION NOTES

Decide where the pump will be located and connect it to the appropriate drip tray (using 6mm I/D vinyl tube), then connect to a 240V mains power supply.

Position the sensor vertically against the compressor, so it protrudes above the top of the compressor like an aerial. This is important as it is where the electromagnetic field is strongest. Use the cable tie supplied to fix the sensor securely to the compressor. A 10m sensor cable is supplied, which can be extended if required.

The pump is designed to fit level on its base and **MUST** have adequate ventilation space around it at all times.

Ensure that there are no kinks or trapped sections in the piping, which must have a 6mm I/D and 9mm O/D. Fix the pipes with cable ties to the pump inlet & outlet.

A variable connector is provided to allow easy fixing between the condensate outlet tray and the vinyl tube.

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.

ELECTRICAL CONNECTIONS

Brown	Live
Blue	Neutral
Green/ Yellow	Earth

PUMP DIMENSIONS

Product	Height	Width	Depth	Weight
PUMP	142mm	160mm	83mm	1.7kg
SENSOR	126mm	22mm	16mm	0.1kg



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. The Compressor Sensor pump is a peristaltic rotary type - which means that it is quiet in operation, very reliable and will run dry without fear of damage or embarrassing noise.