

TECHNICAL SPECIFICATIONS

- Senses 5°C differential across the evaporating coil
- Only requires live/neutral supply and 2 sensors either side of the evaporating coil – one 'air on' and one 'air off'
- Self-priming lifts 3 metres
- 12 metres discharge head
- Operates only on cooling
- 3 minute timer overrun
- Water flow rate: 6.25 ltrs per hr @ 12 metres head
- No siphoning back
- Manual test switch
- Pumps water, fibrously contaminated water and air
- Pump rating: 0.2A, 230V AC
Alternative voltages available
- Connecting cable: 3 metres
- Fire retardant plastics
- Inlet/outlet size: 6mm
- Push-in plug
- Wall-mounted bracket

INSTALLATION NOTES

Connect the pump to the appropriate drip tray (using the vinyl tube supplied), then connect to the mains power supply. Situate the **red sensor** in the ambient 'air on' side of the evaporating coil (NOT TOUCHING COIL). Position the **blue sensor** to the 'air off' side of the evaporating coil. **This will sense 5°C differential and operate the pump.**

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

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

PLEASE NOTE: where space is limited lay and fix suction vinyl tube along bottom of condense tray, as pump is self-priming.

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



PUSH-IN PLUG

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
UNIVERSAL	142mm	160mm	83mm	1.5kg



The Universal peristaltic pump operates with two temperature sensors. These allow the pump to detect and be triggered by a change in air temperature, making this pump suitable for many applications.

The Universal is designed to fit in ceiling voids and lift the condensate water from wall mounted machines where a gravity drain is too obtrusive. It can also be used on cassettes fitted with an internal lift pump.

The pump can be mounted remotely as it is self-priming to a height of

3 metres and will pump 6.25 litres of water per hour against a maximum head of 12 metres. The pump runs constantly while the air conditioning system is cooling – when the cooling switches off a 3 minute timer ensures that the condensate tray is emptied before the pump switches off.

The Universal 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. Unlike other pumps using either mechanical or electrical conductivity sensors, the Universal does not suffer from corrosion or contamination problems.