



# Technical Specification | Tank Pumps

## Hi-lift 1L & 2L

Part No: 1L FP2099 / 2L FP2071

ASPEN-5/09

### Dimensions:

#### Hi-lift 1L

Height: 132mm  
Width: 235mm  
Depth: 140mm  
Weight: 1.8kg

#### Hi-lift 2L

Height: 165mm  
Width: 235mm  
Depth: 140mm  
Weight: 2kg

### Power Supply:

Pump rating: 0.4A, 230V AC  
Alternative voltages available

### Electrical Connections:

Brown: Live  
Blue: Neutral  
Green/yellow: Earth  
2 x Black: Safety switch

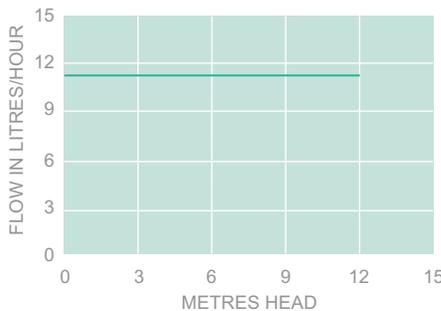
### Other Features:

- Tank capacity: 1 litre or 2 litres
- No siphoning back
- No loud sound from dry running
- Requires 230V supply only
- Clear deck for quick and easy inspection
- Fits into shallow ceiling void or unit
- Incorporated back-plate for vertical mounting

- Pumps water, fibrously contaminated water and air
- 4 amps pre-wired safety switch
- Fire retardant plastics
- 2 inlet positions: 25mm  $\varnothing$
- Outlet size: 6mm

### Performance:

- Water flow rate: 11 litres per hour @ 12 metres
- 12 metres discharge head
- Horizontal: In excess of 100m



### Service Guide:

Inspect the pump head regularly and change the pump head tube every 12 months or more frequently if required. Flush the pump thoroughly with anti-bacterial wash every 6 months to avoid sludge build-up in the pump. This only takes 3 minutes!



Aspen's Hi-lift tank pumps are designed to collect condensate water from refrigeration and air-conditioning units. They operate automatically when the float rises to discharge to a head of 12 metres.

The Hi-lift will pump a smaller volume of water than the Hi-flow, but to a greater head.

The pumps incorporate two high quality switches, activated by a float system. One operates the peristaltic type pump and the other is used as a high level safety switch. In the event of a pump failure this device will switch off the refrigeration unit and can simultaneously activate an optional audio and/or visual alarm.

The 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 Hi-lift does not suffer from corrosion or contamination problems. The deck of the pump is clear plastic for quick and easy internal inspection. It is particularly suitable for condensing boilers and can be used on cassettes fitted with an internal lift pump.