Compact Boiler Pump
INSTRUCTIONS

In the box

- 1 x 2m (3 components)
- 1 x 6mm I.D. x 6m
- 2 x 6mm I.D.

Safety

- If pump fails, the safety float switch will shut off boiler operation.
- Pump suitable for boiler with heat output 85kW condensate PH value +2.7.
- Do not handle pump in wet conditions or with wet hands.
- To reduce the risk of electric shock, ensure electrical supply is permanently wired to earth.

Specification

- Inlet up to 28mm
- Tank capacity: 0.24L
- High level safety cut-out
- Outlet size: 6mm
- Maximum water temperature: 60°C
- Maximum noise level: 35 dB(A) at 1m
Installation

- Ø 17mm or more – Slice off top
- Ø 17mm or less – Pierce lid

Position the pump beneath the boiler so that the water flows into the top inlet hole.

Connect supplied 6m / 10mm I.D. clear tubing to the pump.

Prevent any kinks or trapped parts.

- If unable to create a downward slope at the highest point, an inverted U must be formed in the tubing.
- When tubing from the pump goes to a soil stack or waste pipe, always use a waste trap or a 75mm U trap formed within the tubing at the exit point.
- Where tubing from the pump goes to external soil and vent stack, extra care must be taken to prevent condensate from freezing and causing blockage.

Power Supply

- 230V AC 16W
- 1PH 50/60 Hz
- 3A alarm wires, normally closed
- Double insulated

Electrical Connections

- Live: Brown
- Neutral: Blue
- Safety switch: 2x Black, Earth – Yellow/Green

The pre-wired safety switch SHOULD ALWAYS be utilised.

- If a fused plug is used, a 3 amp fuse is recommended.

Commissioning & Maintenance

- Before servicing the pump, make sure the electrical power is disconnected at the fuse box for both the pump and boiler.
- When commissioning the pump please check for debris in the pump tank. Remove any material that might block the drain line or drain into the boiler pump.
- Regularly clean the holding tank and floats with warm water and soap. Rinse completely when finished.
- Check the inlet and outlet piping ensuring that there are no restrictions in the tubing.

Contact Aspen Pumps for further help.

Performance

- We recommend using this pump for no greater than 15m head.

For further information please visit www.aspenpumps.com or contact +44 (0)1323 848842

designed by engineers for engineers