



USA INSTALLATION GUIDE - SPC PUMPS

PUMP DESCRIPTION

SPC centrifugal pumps have been specially designed for top mounting in Ice Bank drinks coolers, for water bath agitation & for python systems. The thermoplastic material used in the pump manufacture & the stainless steel pump shaft can also make them suitable for similar applications in a temperature range between -20°C and +85°C. Special applications should be confirmed with Totton Pumps.

INSTALLATION

Pump mounting bracket should be fixed at least **40mm** above the maximum fluid level. The pump end must be submerged to ensure correct operation. The motor should be in a free ventilated atmosphere to avoid overheating. Motors are fitted with self re-setting thermal protection.

Electrical Connection - ENSURE POWER SUPPLY IS SWITCHED OFF BEFORE CONNECTION.

Pumps are intended to be employed in ordinary locations in accordance with the National Electrical Code NFPA 70.

WIRING DETAILS

Wire Supply Cord as follows:

LEAD WITH GREEN COLORED INSULATION - is the grounding conductor

LEAD WITH BLACK INSULATION - is the power supply conductor

LEAD WITH WHITE INSULATION - is the grounded power supply conductor

WARNING: RISK OF ELECTRIC SHOCK - This pump is supplied with a grounding conductor and grounding type connector. To reduce risk of electric shock be certain it is connected only to a properly grounded grounding type receptacle.

COMMISSIONING & MAINTENANCE

Ensure there are no leaks or blockages in system. To clear air from pump on initial start-up cycle, unit on for 5 seconds, off for 5 seconds, a few times. Note that where pumped fluid causes coating or deposition, periodic cleaning of pump internals may be necessary. This can be achieved by flushing through with an appropriate cleaning agent. (stripping the pump down will void the warranty)

OPERATING INSTRUCTIONS

- DO NOT RUN DRY
- DO NOT PUMP ABRASIVES OR LARGE PARTICLES
- ENSURE PUMP MATERIALS ARE RESISTANT TO PUMPED FLUID
- MAXIMUM FLUID TEMP : 85°C CENTIGRADE
- ENSURE PUMP IS ADEQUATELY VENTILATED

NOTE

These instructions are intended as a guide only. If in any doubt over pump suitability, installation or electrical connection, please contact Totton Pumps immediately before proceeding.

WARRANTY

This pump is guaranteed for 12 months from the date of manufacture. In the event of failure return the pump INTACT to Totton Pumps for inspection and rectification. Incorrect use or tampering with the pump will render this warranty void.

SPARES

In the event of repair being required arrange return to:-

Totton Pumps
Rushington Business Park
Totton Southampton
SO40 9AH
ENGLAND
Tel: +44 (0)23 8066 6685
Fax: +44 (0)23 8066 6880