

## LSC 1.4s Waste Water Pump

*PPS offers a full range of equipment specifically designed to meet all your decontamination requirements.*

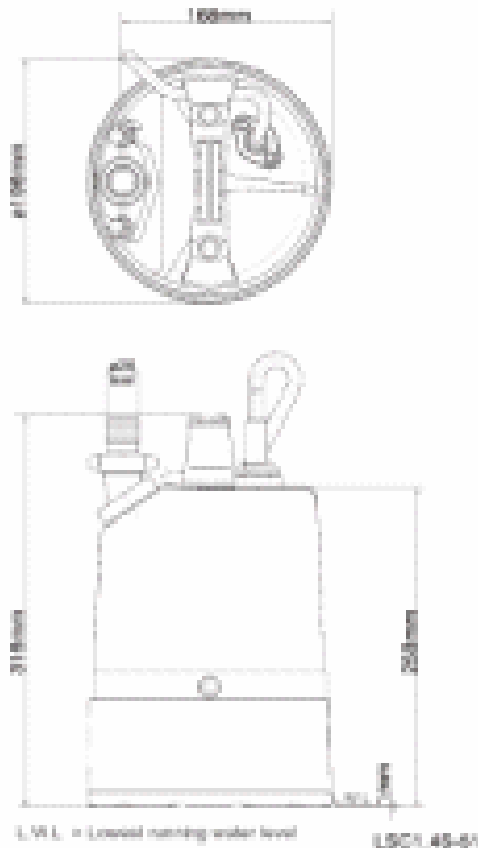
### Overview:

This new model is the updated version of the popular LSC4 "puddle sucker", which has been used widely, since 1986, in hire fleets, by utility companies and by flood control contractors. This new pump continues to offer the ability to pump water levels down to 1mm but offers a number of important improvements.

The LSC1.4S has a pressed steel outer casing for improved durability and a cast aluminium pump stand for offer increased protection of the steel and rubber base plate. It also has a rubber pump chamber and a urethane vortex impeller for increased wear resistance.

Additionally, it incorporates a dual position outlet port to enable it to pump horizontally, as well as vertically, and avoid kinks in hoses. Many of these features are currently found on the Tsurumi LB480 2", single-phase drainage pump, also supplied on request.

The new model is fitted with a 25mm (1in) outlet, but 50mm (2in) is available as an optional extra. It is capable of a flow rate of up to 170 litres per minute and a head capability of 11 metres.



## Tech Information

### Classification

Electric submersible pump  
Protection class IP68  
Depth of submersion max. 20m  
Vortex impeller  
Max. solid handling 6mm  
Suitable for cleaning water, water on floor, puddles

### Electric Motor

Dry-type submersible induction motor,  
Insulation class E, 2 poles, 2850 r.p.m.  
Capacitor start  
Voltage: 230V, 50Hz, 1-phase  
Power input: 0,59kW  
Power output: 0,48kW  
Nominal current: 2, 9A (230V)  
Start current: 6, 83A (230V)

### Motor Protection

Circle thermal cut-out (snap-action bi-metal device)

### Shaft Seal

Double mechanical seal in oil bath  
Primary Seal: silicon carbide on silicon carbide  
Secondary seal: ceramic on carbon

### Materials

Impeller: Urethane Rubber  
Casing: Ethylene Propylene Rubber  
Suction Cover: Steel plate+Urethane Rubber  
Motor frame: Aluminium die casting  
Outer cover: Steel sheet  
Shaft: SUS403 (EN-X6Cr13)

**Discharge Connection - 1" (25mm)**

**Weight - 12 kg (dry weight of the**