

# SUBMERSIBLE SITE DRAINAGE

## LSC1.4S (MANUAL)

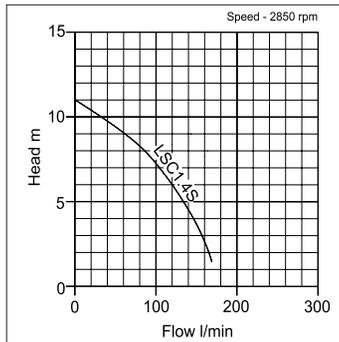
### PUDDLE SUCKING



The **LSC1.4S** is a lightweight and robust single-phase contractors' pump used widely by tool rental companies, utilities, construction companies and in flood defence. It is often referred to as a "puddle sucker", as it can pump water levels down to 1mm. The hydraulic design features a double mechanical seal, with an oil lifter, for positive seal lubrication in any operating position, with rubber and urethane components that give excellent wear resistance in site water applications that contain sand and silt in suspension. The top discharge design forms a water and air-cooling channel and this, combined with a high-performance motor, enables long periods of operation in seepage conditions. This discharge can be fixed in horizontal or vertical positions to enable the user to position the outlet in the required direction and prevent obstructions from a kinked hose. An additional feature is an integral check valve which will prevent backflow of water from the discharge hose, retaining priming water for pumping to begin quickly.

**Fluid:** Rain water | Ground water | Standing water | Dirty water | Temperature: 0 - 40°C

**Application:** Hire fleets | Construction | Utilities | Lift shafts | Fixed installations | Flood defence



LSC1.4S	Impeller	Shaft seal	Level switch (automatic)
	Semi-vortex	Double mechanical	Sensor or SwitchH20 (optional)

Pump	Handle (110v)/(230v)	Outlet (50mm/25mm)	Outer cover	Bearing housing
	Resin/Steel & rubber	Cast aluminium/ & steel	Steel	Cast aluminium
	Stand	Pump casing	Impeller	Suction cover
	Cast aluminium	Rubber	Urethane	Steel & Urethane
	Wear ring	Shaft	Shaft seal	Lubrication
	Steel & Urethane	S/S 410S	Silicon carbide	Oil
	NRV	Strainer-bottom plate	Level switch (sensor)	
Rubber	S/S 304 & rubber	Rubber & S/S 304		

Motor	Poles, protection	Insulation	Thermal protection
	2 pole, IP68	Class E	Integral
	Starting	Motor frame & head	Power cable (10mtr)
Internal capacitor	S/S 304	Rubber	



**LSC1.4S**  
25mm outlet



**LSC1.4S**  
50mm outlet

item code	model	Manual or Auto	outlet (mm)	kW	volt	flow (l/min)	head (mtrs)	dia x h (mm)	dry weight (kgs)
10-10-1186	LSC1.4S	M	25	0.48	110	170	11	Ø196x316	12.0
10-10-1233	LSC1.4S	M	25	0.48	230	170	11	Ø196x385	12.0
10-10-1024	LSC1.4S	M	50	0.48	110	170	11	Ø196x316	12.0
10-10-1256	LSC1.4S	M	50	0.48	230	170	11	Ø196x385	12.0

COMING SOON: LSC2.75S 230 VOLT (0.75KW-310 L/MIN-15 MTRS) AVAILABLE SUMMER 2022