

Submersible sewage pumps

Submersible sewage pumps with a plastic pump body and float switch, designed for pumping contaminated water containing solid particles up to 20 mm in size. Suitable for pumping sludge, wastewater, and rainwater from ponds, pools, basements, tanks, and other water sources.

Constructional characteristics

- stainless steel pump casing
- stainless steel shaft
- mechanical seal
- float switch

Motor

- protection IP68
- insulation class F
- single-phase version with permanently built-in capacitor
- thermal protection in motor winding
- speed 2850 rpm
- 10 m flexible power cable
- sound pressure level 75 dB

Usage

- liquid type: contaminated water with solid particles up to 20 mm
- maximum liquid temperature: 35 °C
- maximum submersion depth: 7 m

Applications

- pumping contaminated and rainwater from ponds, pools, basements, tanks, and other water sources
- irrigation

Technical parameters

Type	UNITERRA 553	UNITERRA 903
Power supply	230 V/50 Hz	
Motor power input	550 W	900 W
Maximum flow rate (Q max)	10000 l/ho	14000 l/h
Maximum head (H max)	7 m	8.5 m
Maximum submersion	7 m	
Maximum solids size	20 mm	
Ingress protection	IPX8	
Max. liquid temperature	35 °C	
Max. pressure	0.85 bar	
Cable	10 m	
Connection DNM	1" - 5/4"	
Weight	4.4 kg	5.7 kg

