



PUMP

Pedrollo TOP MULTI are centrifugal multistage submersible pumps featuring closed impellers with a particular application for pumping from wells and water boosting from tanks. All MULTI models feature excellent motor cooling performance due to the jacketed motor design enabling the pump to operate continuously partially submerged. Other innovative features include double mechanical seals with intermediate oil chamber for total motor sealing and simple design for ease of maintenance. Pump construction is fiberglass reinforced techno plastic body and suction filter with Noryl impellers and diffusers. All pumps are fitted with a low level control float switch and 10m cable as standard. Models are available as follows:-

MULTI Standard - For basic drainage and water boosting in submerged in-tank applications

MULTI Tech - Of similar design and performance to the MULTI Standard with the addition of a built in automatic electronic controller to provide water on demand with the following features;

- Pump starts on pressure (below 1.5Bar) and stops on flow (<2l/min).
- Protects against dry run with auto restart. The controller automatically attempts to restart the pump at intervals of 15, 30 and 60mins for a maximum of 24hrs.
- Protection against cycling. After 30mins of repeated cycling (intervals of <2mins) the controller switches off the pump for 30mins after which restart occurs. Fitting a small pressure tank on the delivery line pre-charged to 1.2Bar is recommended to reduce cycle times. Static head should be <10m or pump will not start.
- Protection against seizing. The controller automatically runs the pump for 10secs after 48hrs of pump inactivity.

MULTI 2 EVO - Includes all the features of the MULTI Standard though incorporates a piped suction arrangement that can either be connected for dry installations or as a submersible pump with an extended floating hose to provide for surface water suction. Pumps are supplied with a 1.5m, 30mm hose, stainless steel suction filter and float.

MOTOR

Pumps are provided with built-in non-overloading induction motors designed for continuous operation. A thermal cut-out is provided in the motor windings to protect against pump overload and the pump can be connected directly to the mains power supply through a 10amps fuse or MCB.

Enclosure Class: IPX8

Insulation Class: F

Voltage: 1x240V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non-aggressive, non-abrasive liquids containing small impurities up to a max size of 1.3mm

Max. Fluid Temperature: +40°C

Max. Immersion Depth: Top Multi 1: 3m, Top Multi 2/4/Tech/EVO: 10m

PUMP DATA

Model	Motor (kW)	Current (A)	Dimensions (mm)			Weight (kg)
			A	D	H	
Top Multi 1	0.37	2.0	170	25	295	7
Top Multi 2/Tech	0.55	3.3	178	34	380/428	9.2/9.3
Top Multi 2 EVO			239	52	394	
Top Multi 4	0.75	3.7	178	35	415	10

TYPICAL INSTALLATION

