

SUBMERSIBLE DRAINAGE ELECTRIC PUMPS



Fluid Moving Technology



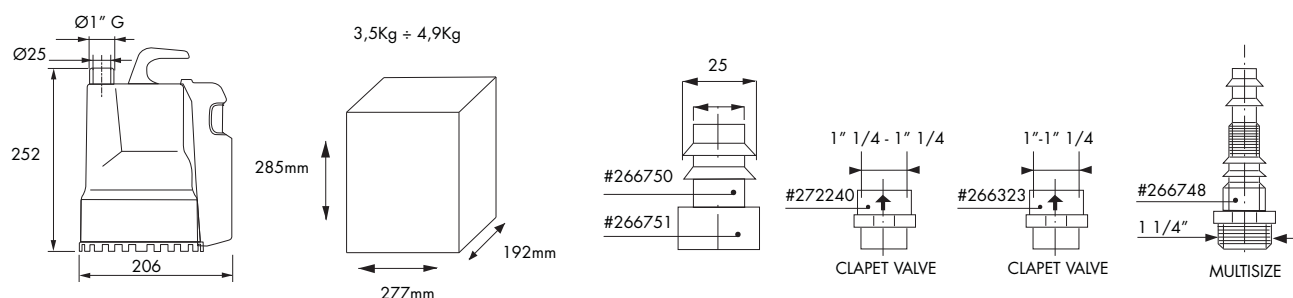
SUBMERSIBLE DRAINAGE ELECTRIC PUMPS

The new range of EGO Submersible Pumps is built with the knowledge that distinguishes Simaco since many years, always at the forefront of research and application of the best technology, offering the market continued innovations.

EGO pumps, with high performances, are the result of a careful study of construction features, materials and market demands and offer maximum versatility 'executions, long-life and easy maintenance. Upon request, we supply the version HI-FI Long Life, where a special coat on the shaft of wear-resistant material and a special seal-ring allow heavy-duty applications, extending the resistance to wear.

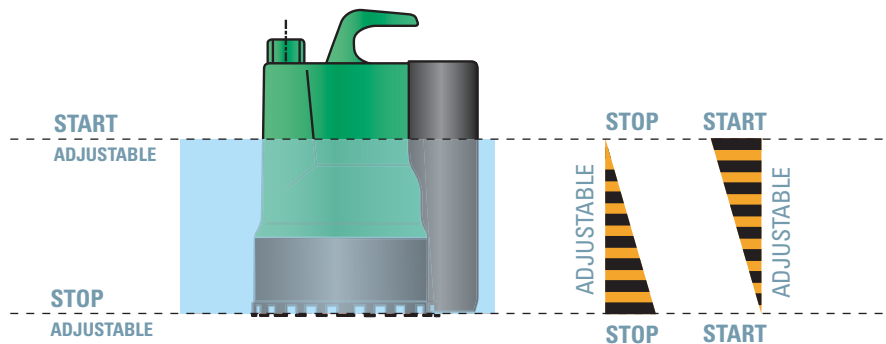
TIPO - TYPE	kW 50 Hz	kW 60 Hz	A 230V 50 Hz	230V/ 50Hz	220V/60Hz	110V/60Hz 115V/60Hz	EGO SE ELECTRONIC ADJUSTABLE START/STOP		EGO GI MANUAL - AUTOMATIC START/STOP	
							LS	HI-FI	LS	HI-FI
EGO 300	0,27	0,31	1,3	✓	A richiesta On demand	A richiesta On demand	✓	✓	✓	✓
EGO 500	0,47	0,55	2,1	✓			✓	✓	✓	✓

DIMENSIONI _ DIMENSIONS



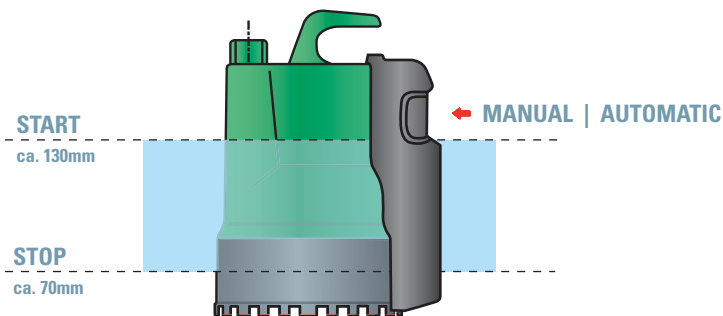
SE _ ELECTRONIC SENSORS

Simaco launches a very innovative version in the domestic pump market. Thanks to the new technology with integrated sensors, which drive by an electronic card board the automatism of Start and Stop suction level, the user itself can decide at what level to start the pump automatically, avoiding unwanted flooding in places where it is essential to monitor the water level. The sensors allow to adjust according to the need of the consumer, the operating range, both as regards to Start/Stop both as regards to minimum level of suction. The very compact dimensions allow the use even in very small areas. The system automatically allows the motor to keep on running for a few more seconds (about 2-3 minutes), specifically engineered to eliminate the uncertainty of the Start/Stop caused by turbulence and/or water waves. Thanks to the possibility to overlap Start and Stop position of the pump, the user has full and free choice to decide the maximum quantity of liquid left.



GI _ INCORPORATED FLOAT SWITCH

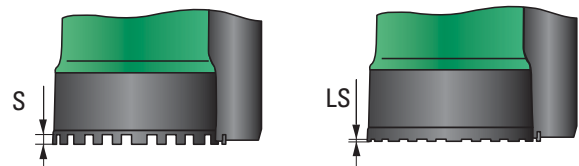
The GI incorporated float-switch, very compact, is especially designed for use in very small pits. Simply operating on the mechanic control external lever, you can activate the function Man or Auto to pump water at a pre-fixed level. In the AUTO mode, suction starts when water level reaches the 130mm and stops at 70mm ca.



LS _ LOWEST SUCTION

All models and versions are also available in the execution LS - Lowest Suction. Thanks to a special pump body and impeller you have the possibility to suck water down to 1 mm.

TIPO - TYPE	S	LS
EGO 300 GI/SE	4,5 mm	1 mm
EGO 500 GI/SE	9 mm	1 mm



Single-phase motor 230V/50Hz with incorporated thermal protection with automatic reset; special voltages and frequencies on demand.

MWater cooled motor with top discharge protects the pump from overheating even when partially submerged.

Liquid temperature in continuous operation service +35°C max.

Antioxidant and corrosion resistant materials.

Motor casing in AISI 304.

Motor shaft in AISI 304.

Pump casing, pump body and impeller in PPS.

Triple hydraulic seal on the shaft.

Suitable for clear or slightly dirty waters.

Open impellers for passage of soft solids of 4.5mm for EGO 300 and 9mm for EGO 500.

Electric cables with different lengths and with indissoluble molded plugs.

- Permanent or portable installations

- Drainage of swimming pools

- Indoors and outdoors applications

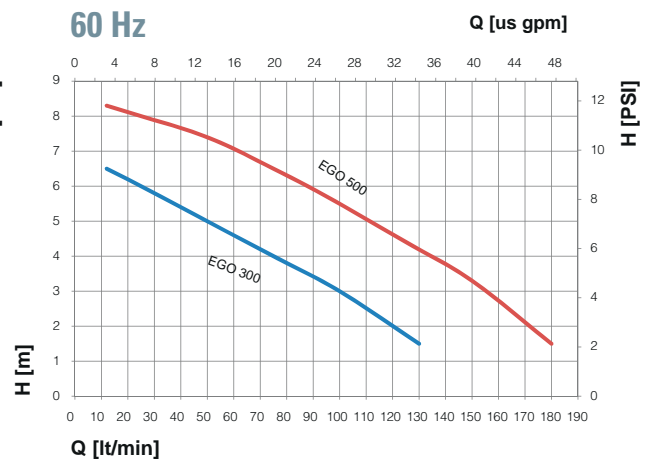
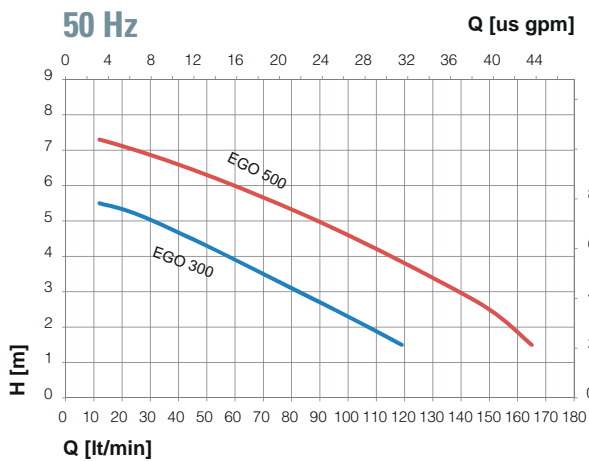
- Emptying cellars and taverns

- Emptying of tanks

- Emptying underpasses and tunnels

- Drainage of pits

- Emptying showers and washing machines rooms



Tolerance according ISO 9906-2012

Hydraulic characteristics for water 20°C at nominal pump speed