

PLUVIA

Applications

Lawn and garden rain irrigation, pressurization in domestic systems, pressurization in systems from rain – water reservoirs.

Features

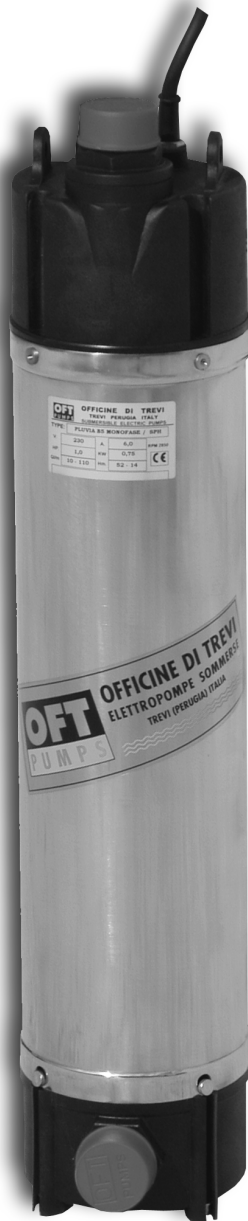
- Multistage monoblock electric submersible pump with the hydraulic part located under the motor which allowed the motor's cooling by the pumped liquid.
- Thanks to an inside control system, the pump is able to switch on and off automatically when you open and close the tab.
- The pump is equipped with a safety system able to control the water level of the well and to switch off the pump in case of water failure.
- Thanks to the particular suction, the pump can be installed also externally.
- The pump is not self priming.
- The pump is equipped with 20 m of electric cable H07RN-F.
- The check valve is fitted inside the head.
- External pump case, motor case and shaft are in stainless steel.
- Impellers and diffusers are in special technopolymer.

Motor

- 2 poles, asynchronous motor; 50 Hz; 2850 rpm.
- Insulation in F class.
- IP 68 protection.
- Working voltage: single-phase 230 V.
- The electric motor is cooled by non toxic, non polluting liquid.

Operating conditions

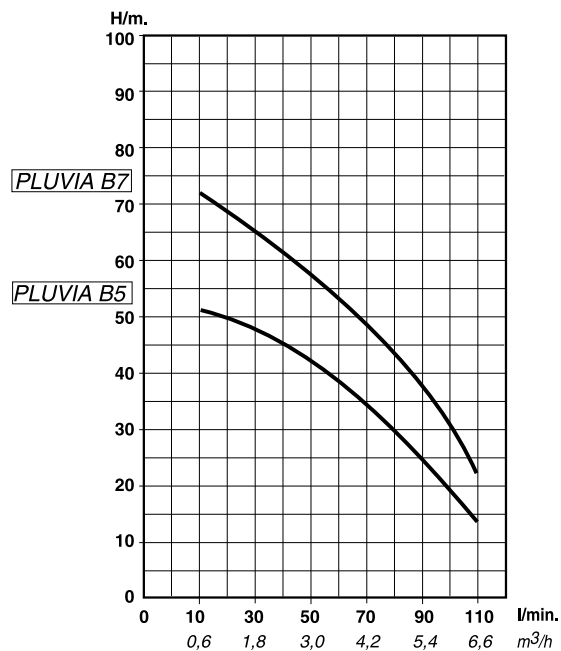
- Pumped liquid: clean water, non aggressive, without solid particles.
- The pump should never operate in dry conditions.
- Pump body always completely submerged.
- Water temperature: from 5 °C to 30 °C.
- Vertical operating position.
- Well or tank protected against freezing.
- Water feed pressure: min. 0,2 – max 3 bar.
- It is essential to connect the pump to a minimum 24 lt pressure tank.
- Maximum number of starts per hour: 20.



Specifications

Pump type	Motor		Max current		Outlet Ø	Flow rate						
	HP	kW	M. 230V	T. 400V		l/min m ³ /h	10 0,6	30 1,8	50 3	70 4,2	90 5,4	110 6,6
PLUVIA B5	1	0,75	6	-	1" 1/4	Manometric head (meters)	52	46	39	33	24	14
PLUVIA B7	1,5	1,1	8,8	-			72	64	56	48	38	22

Performance curves



Dimensions and weights

Pump type	Dimensions			Weight kg
	mm			
	H	Ø	A	
PLUVIA B5	700	140	170	15
PLUVIA B7	780	140	170	18

