

RQE AUTO RAIN

SUBMERSIBLE HIGH PRESSURE PUMPS

RQE AUTO RAIN is a series of the high pressure submersible pumps designed for irrigation systems. Pumps are equipped with a built-in automatic pump control. Opening the valve or tap turns on the pump and when the valve or outlet tap is closed, the pump goes into standby mode and turns off, keeping the pressure in the system constant. RQE pumps use a cooling jacket, which means that the pumps do not have to be completely submerged. Instead of a filter mesh, the RQE around the pump is equipped a 1-inch suction port dedicated for connecting suction hose with a check valve. The advantage of this solution is protection against sedimentation - the pump does not suck the water from the bottom of the tank which usually can be contaminated with sediments. The RQE pump is also equipped with thermal protection in the motor winding.

The RQE AUTO RAIN pump has an anti-blocking system. If the pump is not used for more than a 24 hours, the pump will be automatically started for 2 minutes every 24 hours, eliminating the risk of blocking the pump by sediment.

APPLICATION:

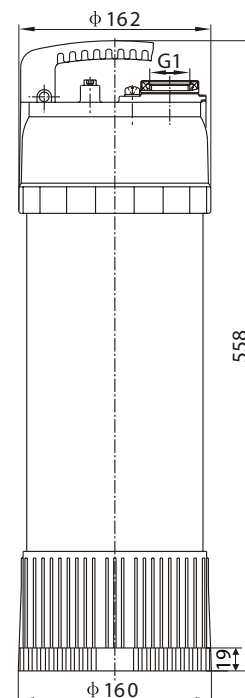
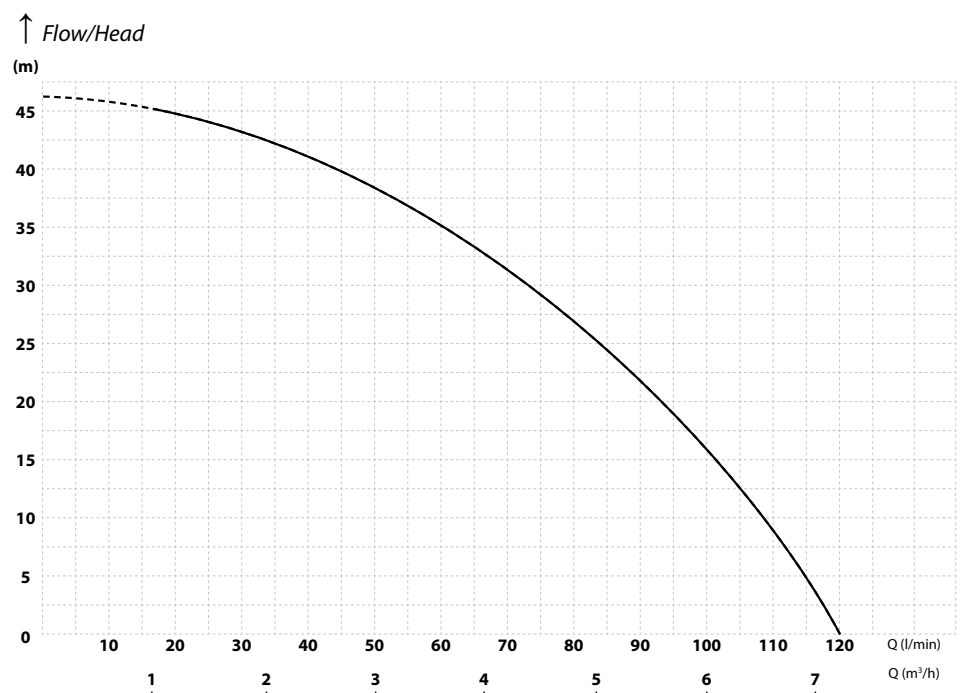
Installation in rainwater tanks to supply rainwater to gardens. Water supply for houses from wells and garden watering installations. The pumps can be used in ponds and for obtaining water from sources like lake or river.

TECHNICAL DATA:

- Maximum liquid temperature 40 °C
- Maximum ambient temperature 50 °C
- Thermal protection: yes
- Operating mode: continuous
- Protection: IP68
- Winding insulation class: 155 (F)
- Motor rotation speed: 2850RMP

MATERIALS:

- Motor housing: AISI 304 stainless steel
- Shaft and rotor: AISI 304 stainless steel
- Impeller: noryl
- Mechanical seal: ceramic / carbon / NBR
- Engine speed: 2860RMP
- Electric cable: 10m H07-RNF



	Head (m)	Flow (l/min)	Motor power (W)	Voltage (V)	Impeller passage (mm)	Amperage (A)	Inlet/outlet (inch)	Dimensions D/H (cm)	Weight (kg)
RQE AUTO	47	120	1000	230	5	5,8	1	18/56	13