

IQ-AUTO 750

IQ-AUTO 750 is a compact device designed to provide households with clean water from their own water intakes (wells) or to increase pressure from the water supply network. The pumps are equipped with a frequency inverter that guarantees constant pressure in all water taps, soft starts of the motor and lower current consumption compared to classical pressure boosting plants. The pumps with an integrated frequency inverter are state-of-the-art and energy efficient devices characterised by their silent operation, ease of installation and use, integrated protection against dry running, water hammer, pressure decrease or increase, or motor overload.

A very important characteristic of the IBO pumps with an integrated frequency inverter is their ease of use. Starting up and configuring the pump does not require the presence of an automation specialist - the user only has to set the operating pressure of the device using two buttons (+ and -).



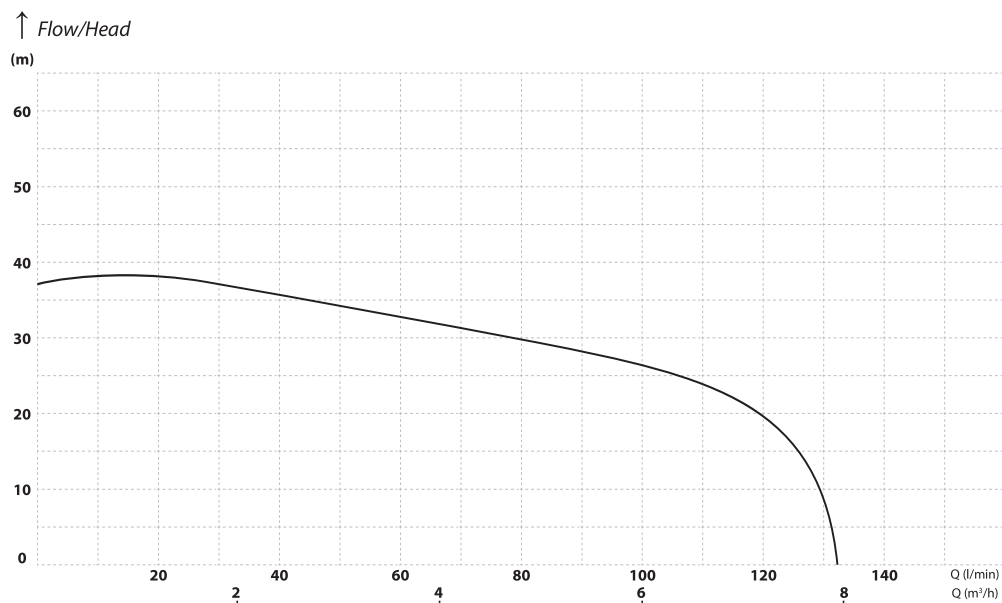
Despite utilising a small 750W motor, the IQ-AUTO 750 pump achieves a very high maximum flow rate of up to 130l /min. These parameters are sufficient to satisfy the needs of a large single-family home, including garden watering or of several commercial premises. Additionally, the device is classified as S1, which means it has been designed for continuous duty.

ADVANTAGES:

- Very high efficiency despite utilising a small 750W motor
- Silent operation allowing the device to be installed even in usable rooms
- Ease of use and convenient operation
- Lower motor and hydraulic part wear thanks to an integrated 'motor soft start'
- Constant pressure guarantee
- Protective functions: against dry running, overload, overvoltage/undervoltage, motor overload, water hammer

MATERIALS:

- Housing: plastic
- Impeller: Stainless steel AISI 304
- Diffuser: Stainless steel AISI 304
- Shaft and rotor: AISI 304 stainless steel
- Inverter display: LED
- Mechanical sealing: Ceramics/graphite
- Motor rotational speed: 0-4000 RPM
- Frequency range: 30-50Hz



PARAMETERS

Model	Head (m)	Flow (l/min)	Motor power (W)	Voltage (V)	Suction capacity (m)	Amperage (A)	Rotational speed range (rpm)	Dimensions L/H/W (cm)	Weight (kg)
IQ-AUTO 750	37	130	750	230	8	5/8	4000	47/27/28	10,9