

Vertical multistage pump with integrated inverter control



Description

INTELLY uses inverter technology, adjusting the speed of the pump motor to maintain a set pressure in the system even if the flow rate and water demand vary.

Reducing the motor speed also reduces power consumption and noise levels.

The pre-set pressure of the pump is adjusted on the intuitive and user-friendly display of the control unit.

If the pump is inactive for 72 hours, an anti-blocking cycle briefly runs to prevent any possible effects of long-term inactivity.

Accurate pressure and flow sensing allows INTELLY to rapidly detect and protect against dry-running.

Applications

- Domestic boosting
- Irrigation
- Use of rainwater
- Depth max 5 m

Pumped liquid:

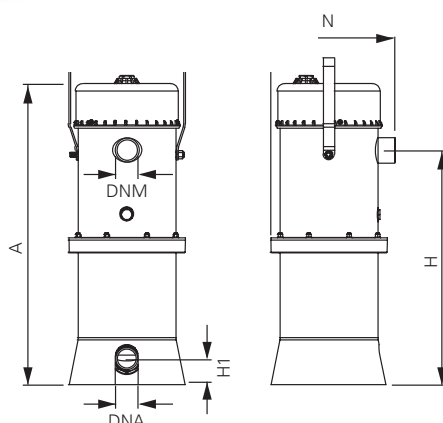
Clean water without any abrasive or suspended solids

Liquid temperature +2°C to +40°C

Air temperature Max +45°C

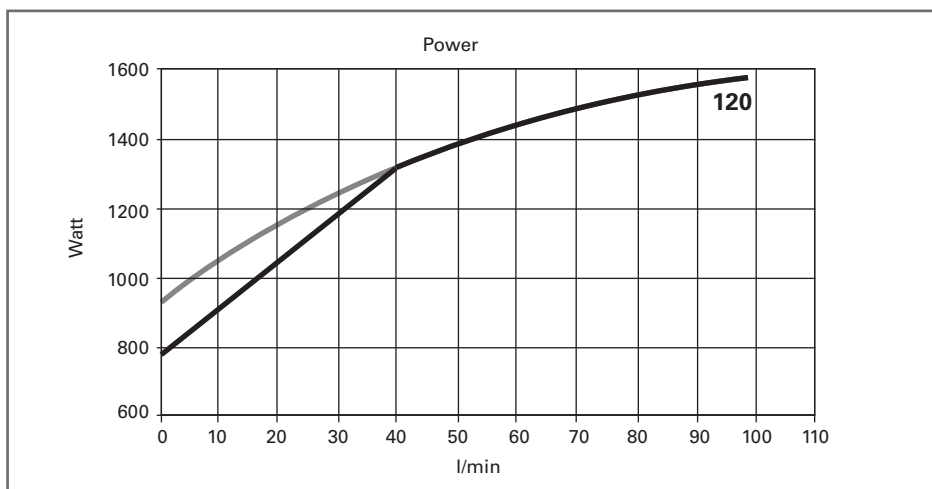
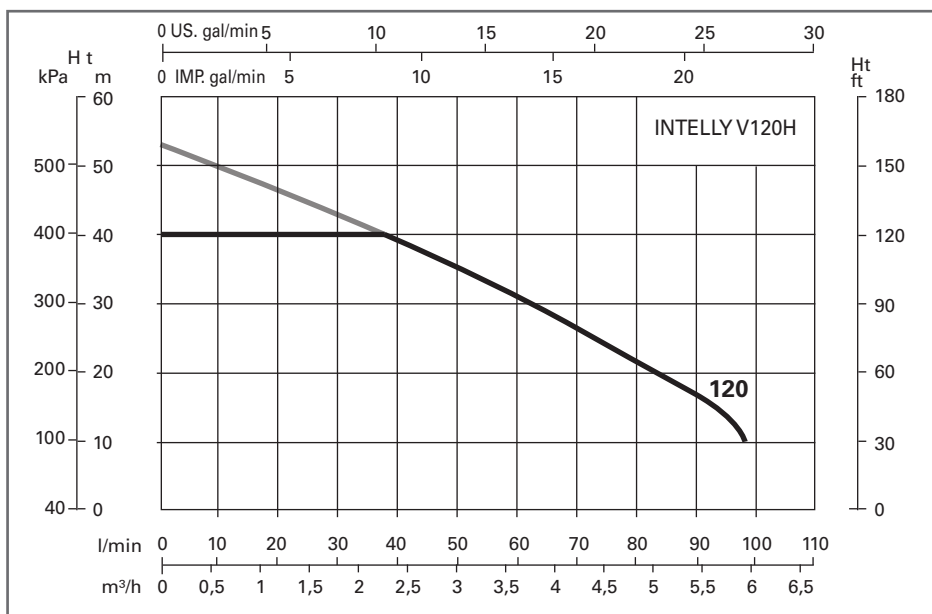
Materials

- Pump body and motor in AISI 304
- Brass and technopolymer motor support (flanges)
- Shaft in AISI 420
- Diffuser: Technopolymer Noryl
- Impeller: Stainless Steel AISI304
- Mechanical seal: ceramic / graphite
- A2 Bolts
- NBR70 O-ring
- ADB LIYY-HZO 10m Electric cable
- Inverter electronic board according to RoHS regulations
- Class F insulated motor
- Control box with display
- Plastic flow sensor
- Oil chamber on the mechanical seal

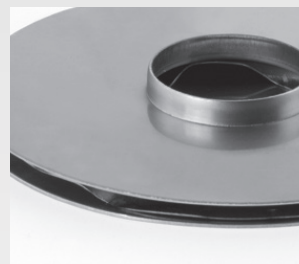


Code	P2 Nom.		1 ~ 50Hz Amp.	Stages	Q (l/m) FLOW								Stocked	Dimensions mm						Wei- ght Kg
	kW	Hp			230 V	0	30	40	50	60	70	80		90	A	N	H	H1	DNM	
			Total Hm in CA																	
INTELLY V 120H	0,9	1,2	8,8	5	52	43	43	40	35	30	25	20	To order	545	218	420	46	1"¼	1"	18

Curves and performance $\eta = 2900 \text{ 1/min}$



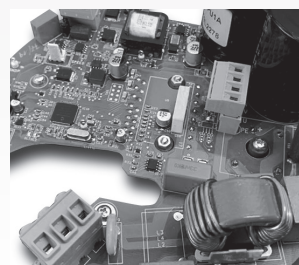
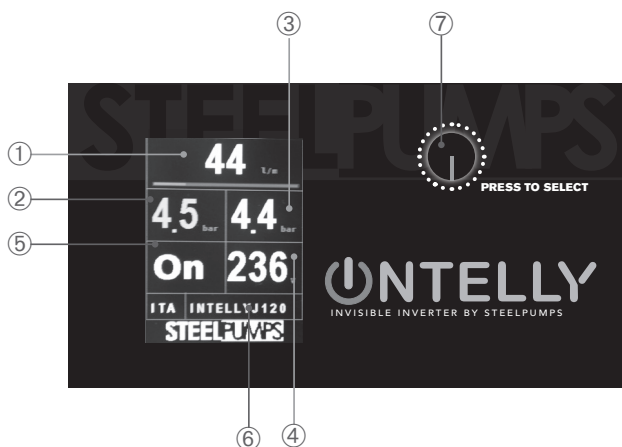
- Work value setting
- System diagnostic
- Historical memory
- Monitoring



Impeller Stainless Steel AISI 304



Technopolymer motor support



Electronic board