TWINTELLY V

Twin pump booster set with inverter integrated.



Description

TWINTELLY is a Twin pump Constant pressure water booster sets designed to increase the pressure of the water services within a building incorporating inverter driven variable speed pumps, which continually vary the motor speed to match the changing demand, whilst maintaining a default minimum system pressure. The inverters are integrated inside the pump.
Twintelly is arranged for operation as duty pump, with assist or standby pumps. All are programmed to run in a staged cascade operation as the flow demand increases and similarly as demand decreases.
Twintelly, being very easy to install, the presence of a highly specialized technician is not required and the water or condensation are not a problem for the pumps because they are IP68.

Features

- Dry-run protection
- Overcurrent protection
- Pump protection rating: IP68
- Graphic display for parameters visualization and adjustment
- Alternating pump startup system
- Alarm storage for external diagnostics
- 2-liter stainless steel expansion tank

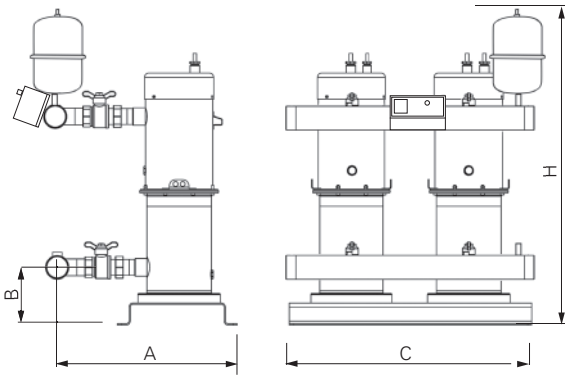
Materials

- Motor body and pump body in AISI 304
- Motor support (flanges) in brass and technopolymer
- Check valves in brass
- Motor shaft in AISI 420
- Diffusers and impellers in technopolymer (1204 - 1505 - 2006)
- Suction and discharge manifold in AISI 304
- Pump base plate in AISI 304

Applications

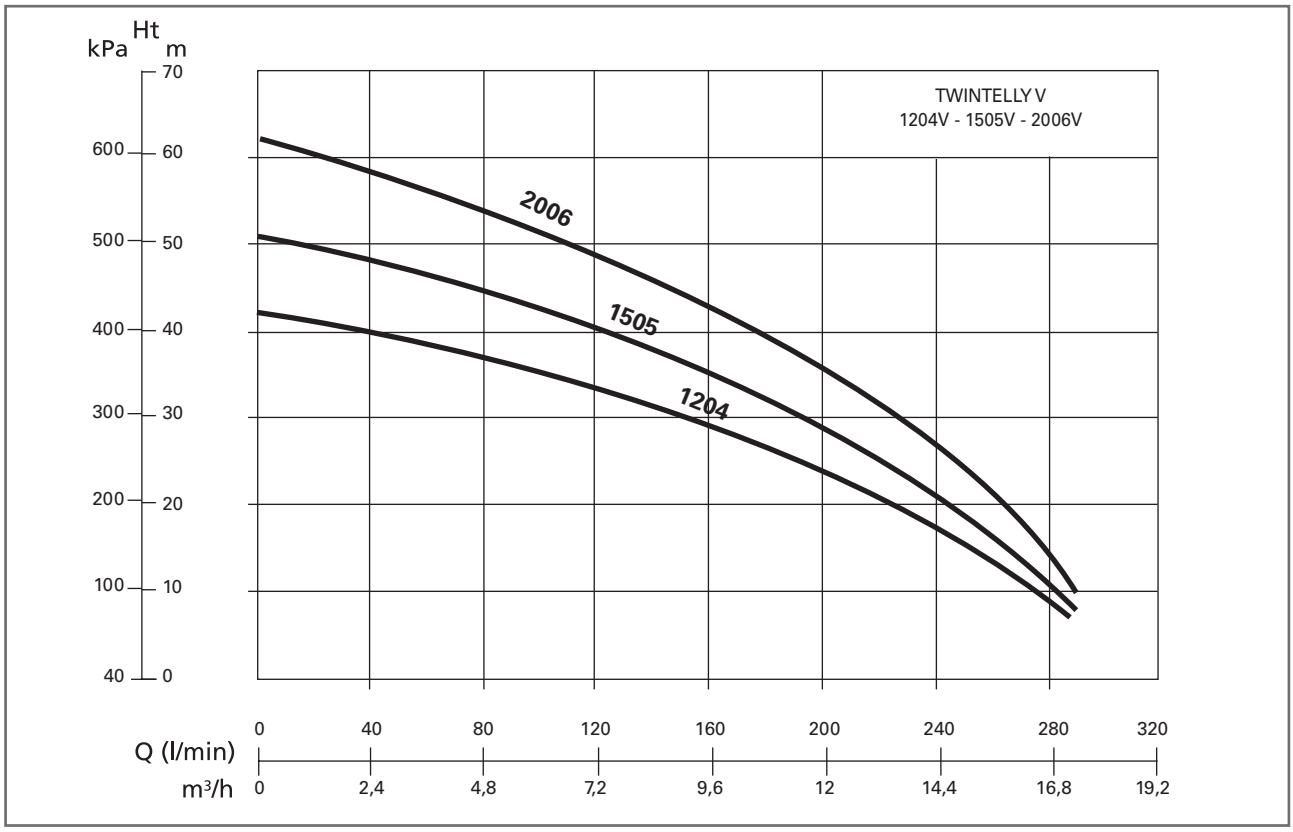
- Water pressurization
- Residential, commercial buildings
- Hotel facilities
- Industrial systems
- Hospitals

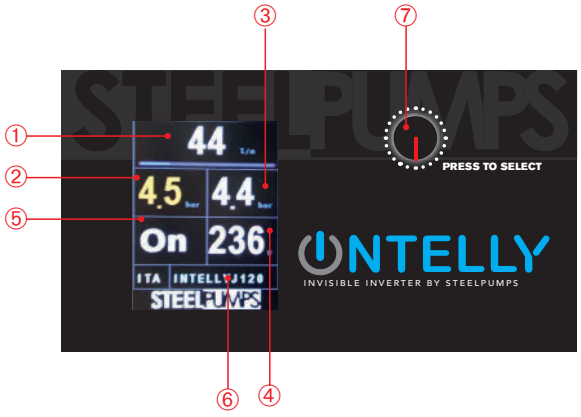
Pumped liquid:
Clean water without any abrasive or suspended solids
Liquid temperature +2°C ÷ +40°C
Air temperature Max +45°C
Ignition pressure calibration (to be set)



Code	P2 Nom.		Stages	Q (l/m) FLOW							Dimensions mm						Weight Kg
	Hp	kW		0	60	100	140	200	240	290	A	B	C	H	DNM	DNA	
				Total Hm in CA													
TWINTELLY 1204V	1,2 x 2	0,90 x 2	4	43	38	34	30	24	16	6	480	110	620	680	2"	2"	70
TWINTELLY 1505V	1,5 x 2	1,10 x 2	5	51	46	43	38	30	21	9	480	110	620	890	2"	2"	72
TWINTELLY 2006V	2,0 x 2	1,50 x 2	6	62	55	51	45	34	24	10	480	110	620	890	2"	2"	74

Curves and performance η = 2900 1/min





1 - Flow detected
2 - Pressure detected
3 - Set pressure (Fail Safe)
4 - Supply voltage
5 - Pump status
6 - Pump model
7 - Programming button

INTELLY Control Panel with fast connector

- *Operation parameters setting*
- *System diagnostic*
- *Historical memory*
- *Monitoring*

