

MINI COLLECTION AND PUMPING STATIONS FOR WASTE WATER

The **VACUSYSTEM 400 TWINS** are pre-assembled, ready-for-use automatic pumping stations, designed for the disposal of waste and sewage water. Particularly suitable when the water from drains is collected at a lower level than the main sewer.

Design Features

- The standard pumping station consists of:

- Tank

In polyethylene with a capacity of 400 litres with screw-down lid.

Three possible types of water collection or ventilation pipe inlet and cable glands for the electric pump power supply cable and service cables (overflow float on request)

- Pair of Submersible Pumps

Models 300/10 and 400/12 with cast steel impellers.

- **Electric panel** for the control and protection of electric pumps, with metal body, general switch, electronic keyboard, pump start/stop control LEDs, remote alarm activation and alternation on pump starting.

- Two floats with 10 m of 3 x 1 HO7 RN-F cable

Electric Pump Motor

- Dry motor
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding; three phase with external protection
- Level of protection IP68
- Class F insulation
- Speed of rotation 2850 rpm
- Completely insulated cable connection chamber

Usage Limitations

- Type of liquid: sewage water, with suspended solids of a maximum dimension of 40 mm.
- Maximum liquid temperature 50°C

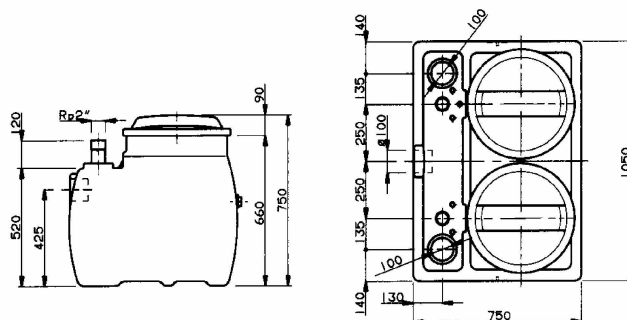
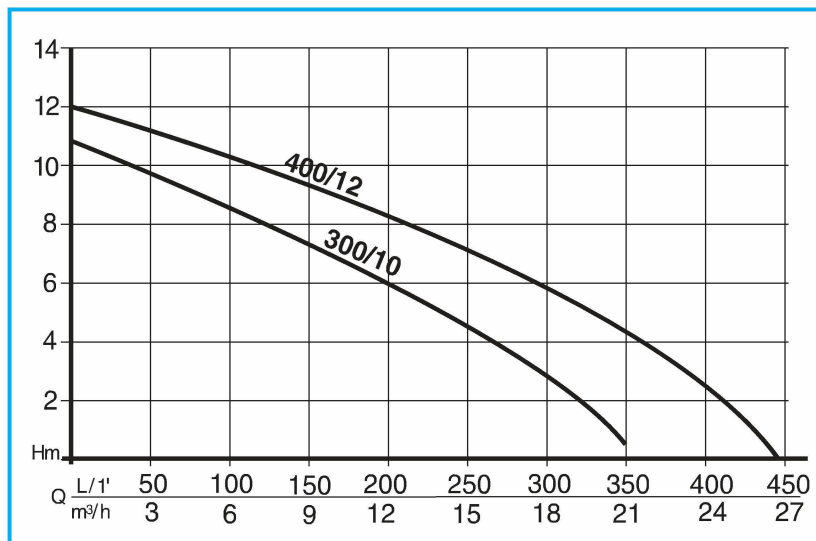
Accessories (only on request)

- Screw-down tank extension (see page 213)
- Threaded ball check valve 2" F (see page 213)
- Ball valve with threaded full bore 2" F (see page 213)
- Overflow float (see page 215)



CONTROL BOX INCLUDED

MOTOR PUMPS AND SINGLE



CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	μF.	Q	L/1' m³/h								PRICE
		HP	kW	HP	kW					50	100	150	200	250	300	350	400	
N2141100	VS 400 TWIN-B 300 M	1,2	0,9	1,7	1,3	1 ~ 220 ÷ 240 V	5,8	20	Discharge Head in meters	9,8	8,7	7,5	6,3	4,7	3	0,5		
N2141110	VS 400 TWIN-B 300 T	1,2	0,9	1,7	1,3	3 ~ 400 V	2,2			9,8	8,7	7,5	6,3	4,7	3	0,5		
N2141120	VS 400 TWIN-B 400 M	1,6	1,2	2,2	1,6	1 ~ 220 ÷ 240 V	7,2	20		11,2	10,4	9,3	8,3	7,1	5,8	4,2	2,5	
N2141130	VS 400 TWIN-B 400 T	1,6	1,2	2,2	1,6	3 ~ 400 V	2,5			11,2	10,4	9,3	8,3	7,1	5,8	4,2	2,5	

MINI COLLECTION AND PUMPING STATIONS FOR WASTE WATER

The **VACUSYSTEM 170s** are pre-assembled, ready-for-use automatic pumping stations, designed for the disposal of waste and sewage water.

Particularly suitable when the water from drains is collected at a lower level than the main sewer.

Design Features

- The standard pumping station consists of:

- Tank

In polyethylene with a capacity of 170 litres with screw-down lid. Three possible types of inlet for water collection or ventilation pipe inlet and cable glands for the electric pump power supply cable and service cables (overflow float on request).

- BIOX Submersible Pump

Models 200/8 AUT, 300/10 AUT, 400/12 AUT with cast steel impellers .

- PVC 2" Ø Delivery Pipe

- PVC 2" Ø 90° Bend

- Plug

with built in thermal protection and manual/automatic switch.

Electric Pump Motor

- Dry motor
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Level of protection IP68
- Class F insulation
- Speed of rotation 2850 rpm
- Completely insulated cable connection chamber

Usage Limitations

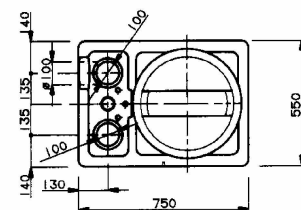
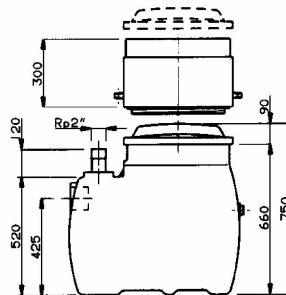
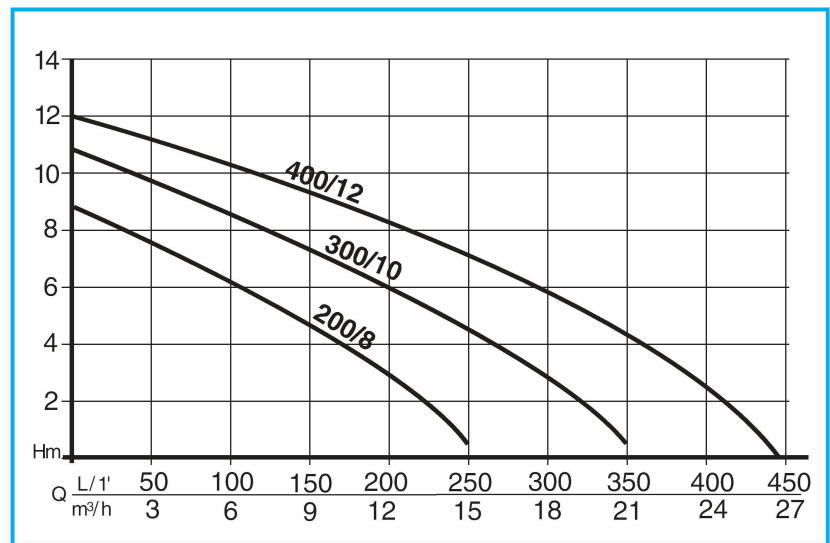
- Type of liquid: sewage water, with suspended solids of a maximum dimension of 40 mm
- Maximum liquid temperature 50°C

Accessories (only on request)

- Screw-down tank extension (see page 213)
- Threaded ball check valve 2" F (see page 213)
- Ball valve with threaded full bore 2" F (see page 213)
- Overflow float (see page 215)



MOTOR PUMP INCLUDED



CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	μF.	Q	L/1'								PRICE
		HP	kW	HP	kW					m³/h	3	6	9	12	15	18	21	
N2141030	VS 170-B 200 I	0,8	0,6	1,2	0,9	1 ~ 220 ÷ 240 V	4,1	12,5	Discharge Head in meters	7,8	6,3	4,6	3	0,5				
N2141040	VS 170-B 300	1,2	0,9	1,7	1,3	1 ~ 220 ÷ 240 V	5,8	20		9,8	8,7	7,5	6,3	4,7	3	0,5		
N2141050	VS 170-B 400	1,6	1,2	2,2	1,6	1 ~ 220 ÷ 240 V	7,2	20		11,2	10,4	9,3	8,3	7,1	5,8	4,2	2,5	