

# DRAINAGE STATIONS

## NOVABOX 30/300.1



### GENERAL DATA

#### Applications

Automatic collecting and lifting station for domestic waste water from baths, wash-hand basins, showers and washing machines located in basements or anywhere under the sewer level.

#### Conveyable liquids

Waste water free from solids and/or fibrous substances.

#### Constructional features

##### Hydraulic part

1 NOVA 300 M-A submersible electropump with 5 metres of cable and a plug - 1 technopolymer container with capacity 30 litres - 1 non-return valve fitted on the delivery - technopolymer plumbing connections.

##### Electrical part

The NOVA 300 M-A pump fitted in the NOVABOX 30/300.1 has as standard features a built-in float, motor with thermal and current overload protection and a capacitor permanently in circuit.

#### Supply

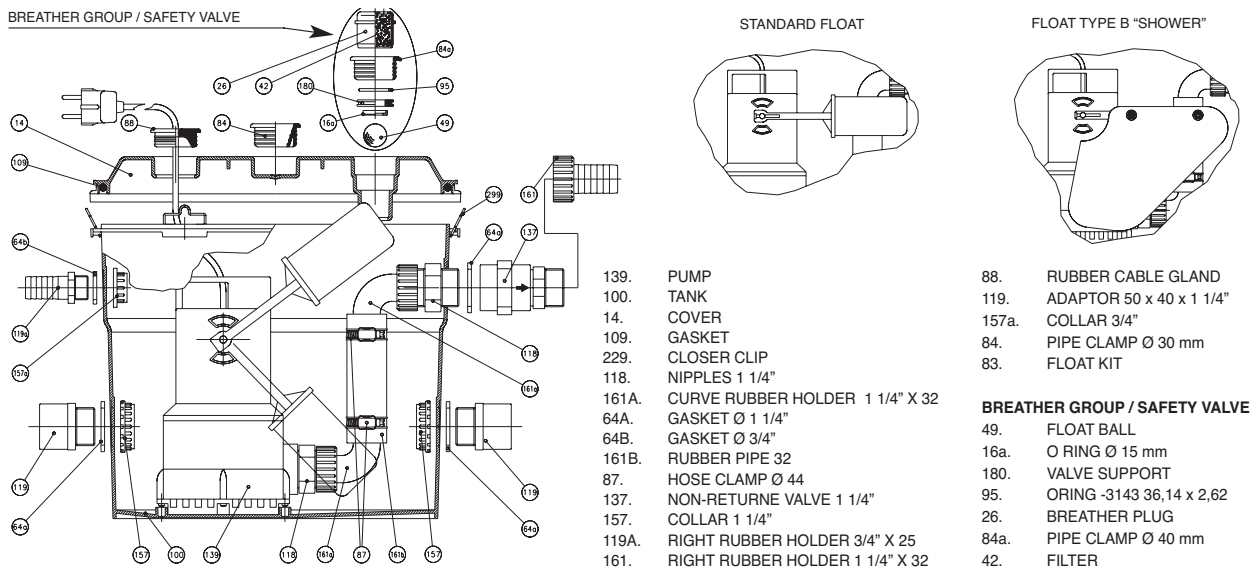
The NOVABOX 30/300 collecting and lifting station is supplied complete with the pump. To avoid damages during the transport, the pump is placed inside the container with a proper packing that has to be removed before using it. The station is supplied in a sturdy cardboard package, complete with an instructions leaflet for installation and maintenance.

The supply also includes a series of accessories which make the product particularly versatile with just a few simple adjustments.

Alarm system (when it is requested), composed from a power-station and a probe. Installed on the Novabox's top, it allows to check the maximum level inside the tank (acoustic signal).

The system is able to function even in case there is a black-out for 10 hours. Beside the acoustic alarm incorporated, it is possible to send again at distance a luminous or acoustic alarm (not supplied).

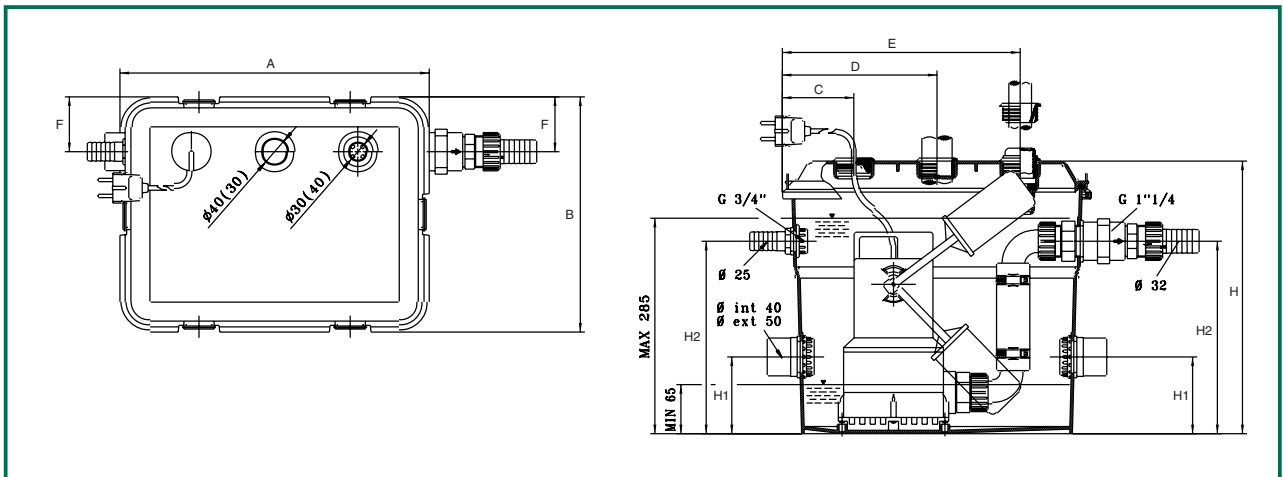
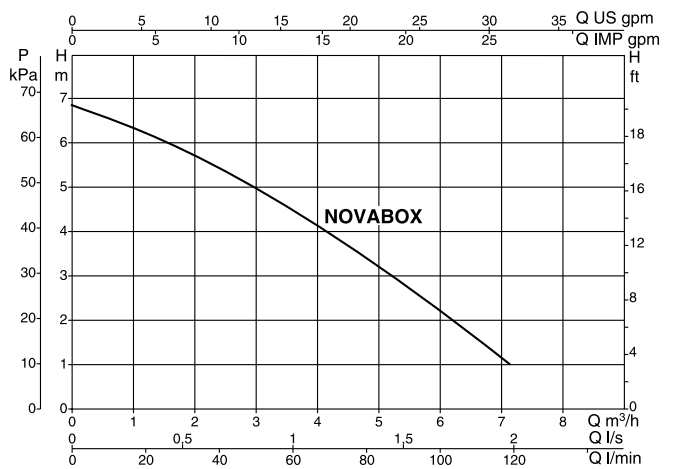
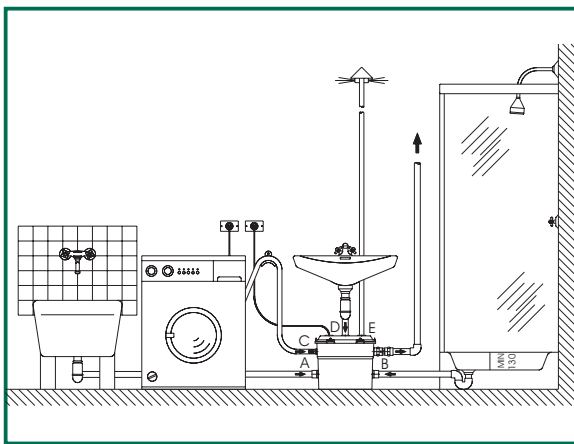
Novabox 30/300.1 is in compliance with the norm En 12050-2.



# TECHNICAL DATA

- Operating range: from 1 to 7,2 m<sup>3</sup>/h with head up to 6,9 metres
- Liquid temperature range: +50°C  
90°C for a maximum time of 3 min.
- Pump motor protection: IP 68
- Motor Insulation class: F
- Pump manufactured according to standards: CEI 61-69 (EN 60335-2-41)
- Standard single-phase voltage: 220-240 V/50 Hz

The performance curves are based on the kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	A	B	C	D	E	F	H	H1	H2	PACKING DIMENSIONS			VOLUME m <sup>3</sup>	WEIGHT Kg
										L/A	L/B	H		
<b>NOVABOX 30/300.1</b>	407	309	94	204	314	72	360	100	254	45	33	38	0,056	9,2

MODEL	ELECTRICAL DATA						HYDRAULIC DATA (n ≈ 2800 1/min)											
	VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR μF Vc	Q m <sup>3</sup> /h l/min	0	2,4 40	4,8 80	6 100	7,2 120	H (m)	6,9	5,3	3,2	2,2	1,2
			kW	HP														
<b>NOVABOX 30/300.1</b>	1x220-240 V ~	290	0,22	0,3	1,3	8	450	H (m)	6,9	5,3	3,2	2,2	1,2					