

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

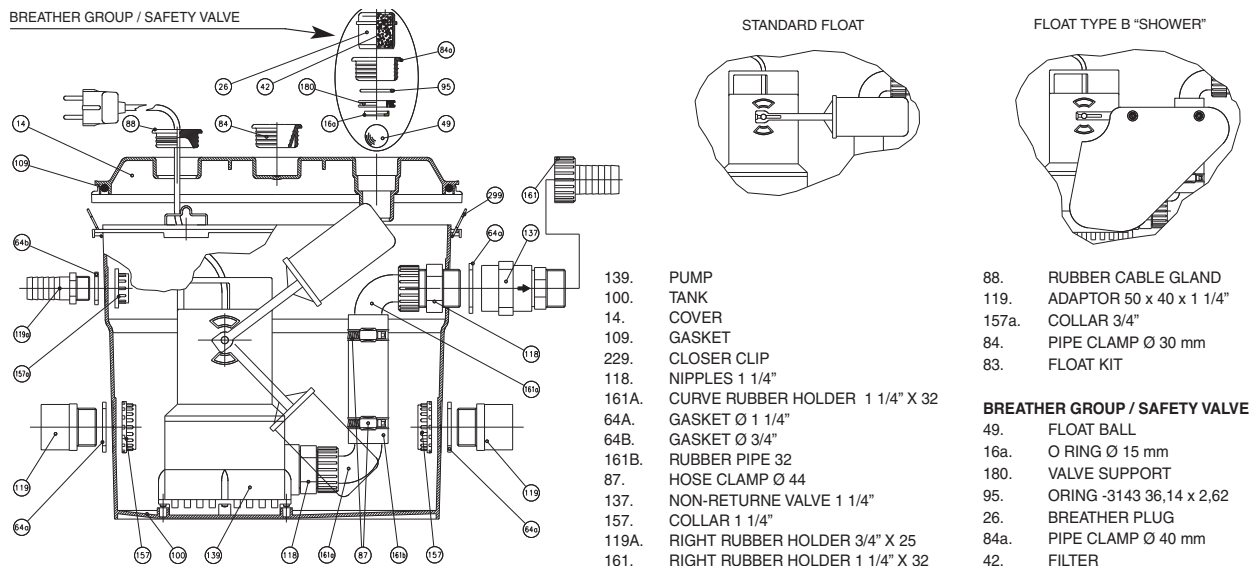
The NOVABOX 30/300 collecting and lifting station is supplied complete with the pump. To avoid damages during the transport, the pump is placed inside the container with a proper packing that has to be removed before using it. The station is supplied in a sturdy cardboard package, complete with an instructions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

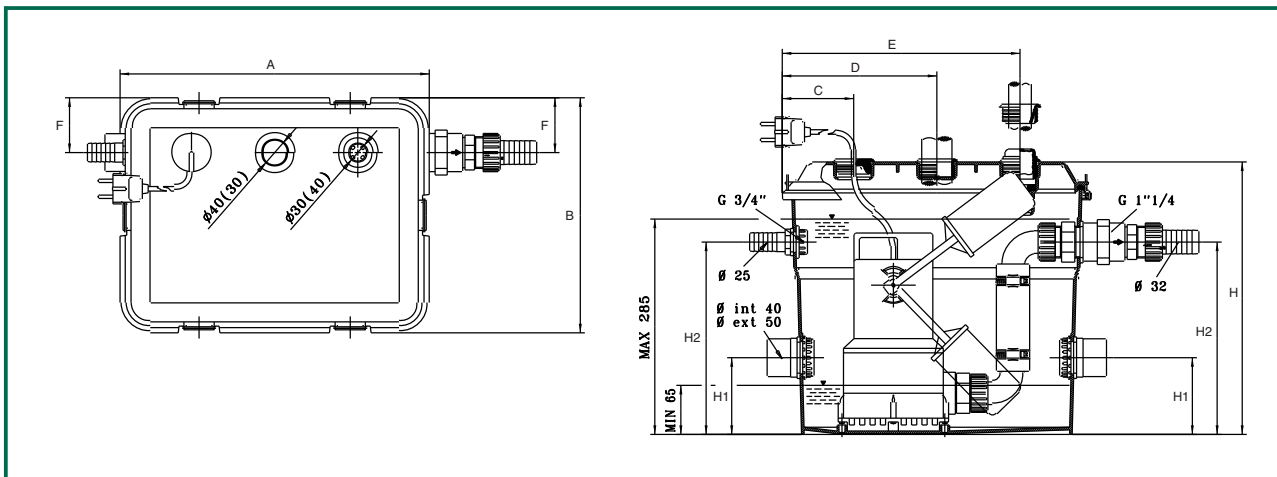
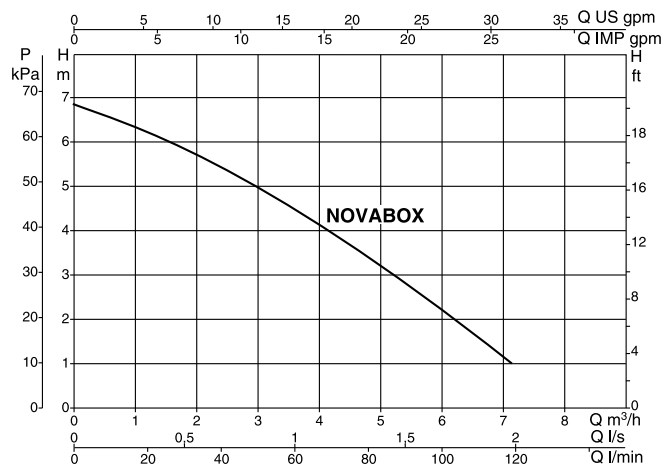
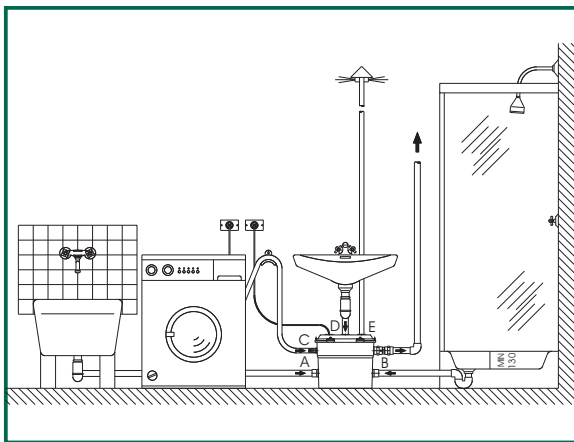
Novabox 30/300.1 is in compliance with the norm En 12050-2.



TECHNICAL DATA

- Operating range: from 1 to 7,2 m³/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 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.



| MODEL | A | B | C | D | E | F | H | H1 | H2 | PACKING DIMENSIONS | | | VOLUME m ³ | WEIGHT Kg |
|-------------------------|-----|-----|----|-----|-----|----|-----|-----|-----|--------------------|-----|----|--------------------------|--------------|
| | | | | | | | | | | L/A | L/B | H | | |
| NOVABOX 30/300.1 | 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 | | Q | | | | | | | |
| | | | kW | HP | | μF | Vc | m ³ /h | 0 | 2,4 | 4,8 | 6 | 7,2 | | |
| NOVABOX 30/300.1 | 1x220-240 V ~ | 290 | 0,22 | 0,3 | 1,3 | 8 | 450 | H (m) | 6,9 | 5,3 | 3,2 | 2,2 | 1,2 | | |