



water technology



# nanoBOX BlueBOX BOXPRO

Polyethylene lifting stations



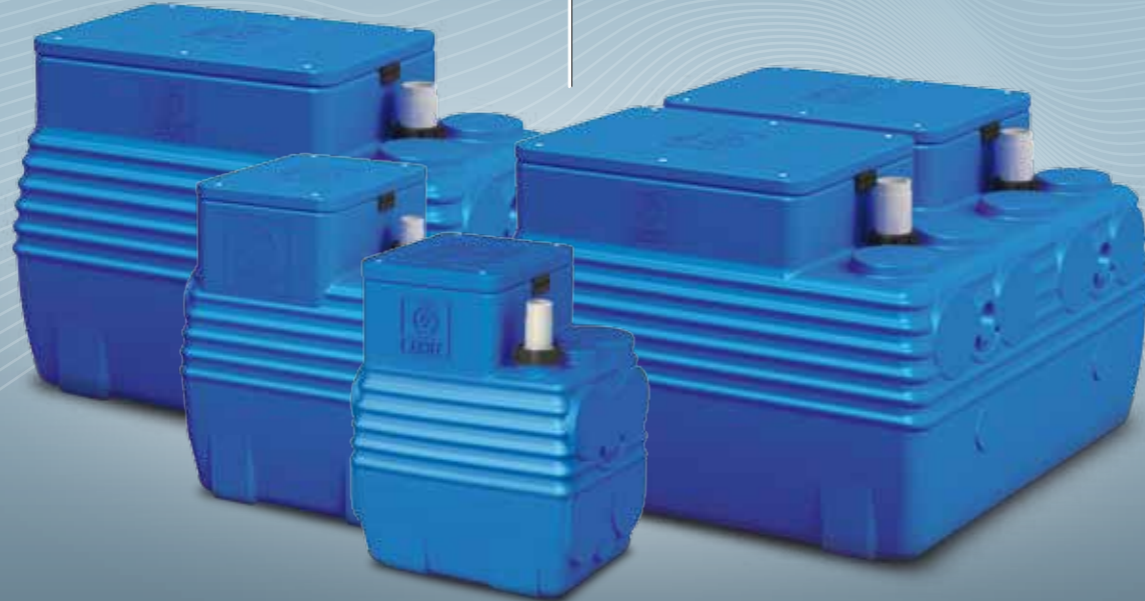


water technology

IDEAL FOR COLLECTING WATER EXCLUSIVELY FROM DOMESTIC DRAINS, INCLUDING WASHING MACHINES, SHOWERS AND SINKS (NOT SUITED FOR WC'S).



IDEAL FOR COLLECTING AND LIFTING CLEAR, RAIN AND WASTE WATER FROM WASHING MACHINES, SINKS AND WC'S IN SYSTEMS INSTALLED AT A LOWER LEVEL THAN THE SEWER CONNECTION, SUCH AS GARAGES OR BASEMENTS.



THE BOX PRO SERIES IS COMPOSED OF ROBUST MEDIUM DENSITY POLYETHYLENE LIFTING STATIONS, FOR USE IN LARGE CAPACITY RESIDENTIAL AND CIVIL APPLICATIONS.



nano**BOX**

blue**BOX**

**BOX**<sup>PRO</sup>

# nanoBOX BlueBOX BOXPRO

**nanoBOX, BlueBOX and BOX PRO** prefabricated lifting stations are an effective solution for collecting and pumping wastewater to the sewer system, when a gravity feed is not available.

They are mainly used in rural or hilly areas with low population density, without an extensive municipal sewer system.

Zenit offers a full range of models for any kind of application, from small domestic installations (**nanoBOX and BlueBOX**) to more complex systems for civil installations (**BOX PRO**).

Given their many advantages, lifting stations are today the best choice for a low cost, safe and eco-compatible solution.

### A PROBLEM AND ITS SOLUTION

Polyethylene lifting stations can be adapted to any type of installation. Whether surface or underground, outdoors or indoors, they install quickly and easily with minimal construction work.

### REDUCE COSTS

Compared with conventional concrete tanks, prefabricated tanks do not require maintenance and are more resistant to the chemical and mechanical stress induced by black water, as well as being advantageously priced.

### WEIGHT DOES MATTER

Lifting stations made in a lightweight, highly resistant material like polyethylene have a lower shipping cost and are easier to handle and install, while sacrificing nothing in terms of reliability.

### POWER CONSUMPTION, BUT ONLY WHEN NEEDED

Lifting stations are designed for rational, optimised electricity consumption, thanks to the use of pumps rated to match tank capacity, with automatic float switch control.



Polyethylene lifting station [33L]

# nanoBOX

nanoBOX is a high quality polyethylene tank intended for collecting water exclusively from domestic drains, including washing machines, showers and sinks (not suited for WC's). The tank has a 33 L maximum capacity and is supplied with a Zenit Steel series submersible pump already installed. Thanks to its construction and small footprint, nanoBOX is very versatile and easy to install.



All product images are indicative only

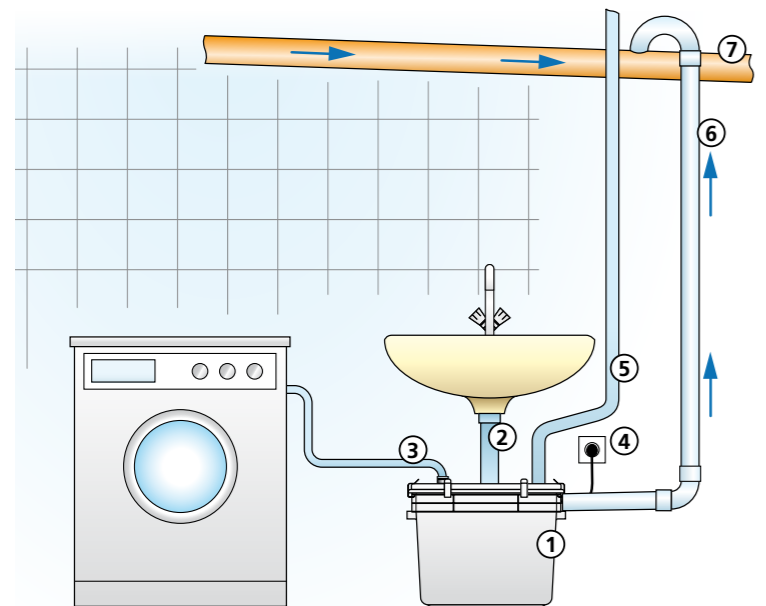
### Application

Ideal for collecting water exclusively from domestic drains, including washing machines, showers and sinks (not suited for WC's).

### Features

- Max. water temperature (inlet)..... 35°C (for short periods up to 75°C)
- Free passage..... 10 mm
- Voltage and frequency ..... 220/240V ~1, 50Hz
- Protection ..... IP68
- Outlet..... DN32 (male thread)
- Inlet..... 1 x DN30, 1 x DN40
- Capacity ..... 33 L
- Start ..... Automatic with floatswitch
- Cable lenght ..... 10 m

### Installation diagram



- ① nanoBOX
- ② Inlet from wash basin (with siphon)
- ③ Inlet from washing machine
- ④ Power supply
- ⑤ Breather pipe (filter no necessary)
- ⑥ Outlet pipe
- ⑦ Wastewater main pipework

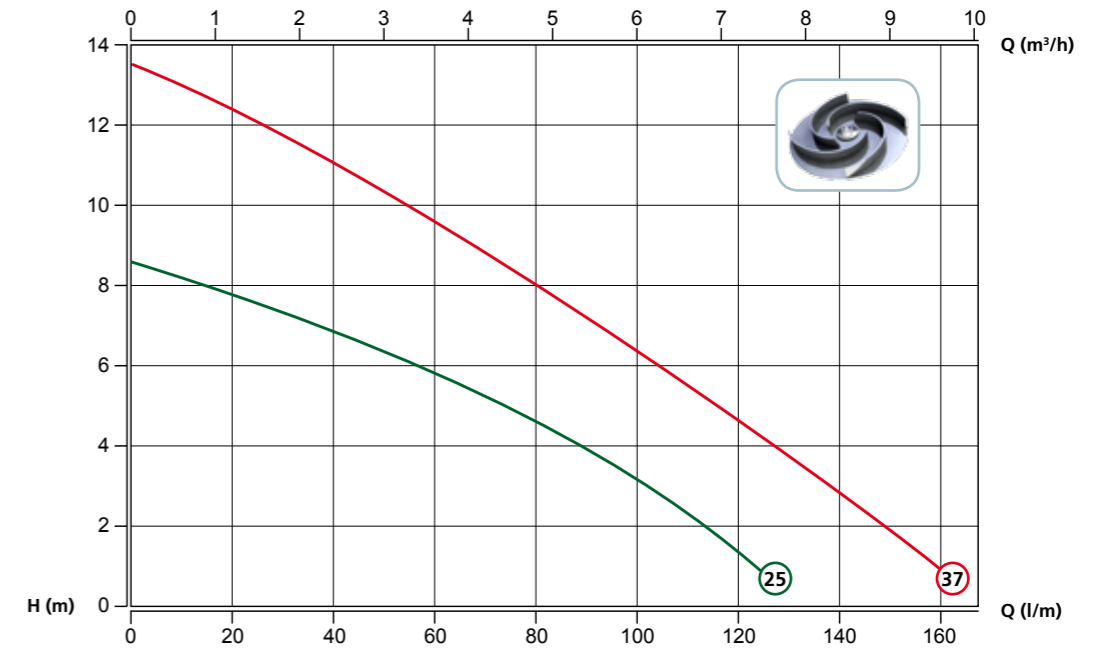
### Performances

		Q					
		0.0	0.5	1.0	1.5	2.0	2.5
l/s		0.0	30	60	90	120	150
l/min		0.0	1.8	3.6	5.4	7.2	9.0
m³/h		0.0	11.6	23.2	34.8	46.4	58.0
DR-Steel 25/2 M50	H (m)	8.5	7.0	5.7	4.0	1.3	
DR-Steel 37/2 M50	H (m)	13.6	11.6	9.5	7.0	4.5	1.9

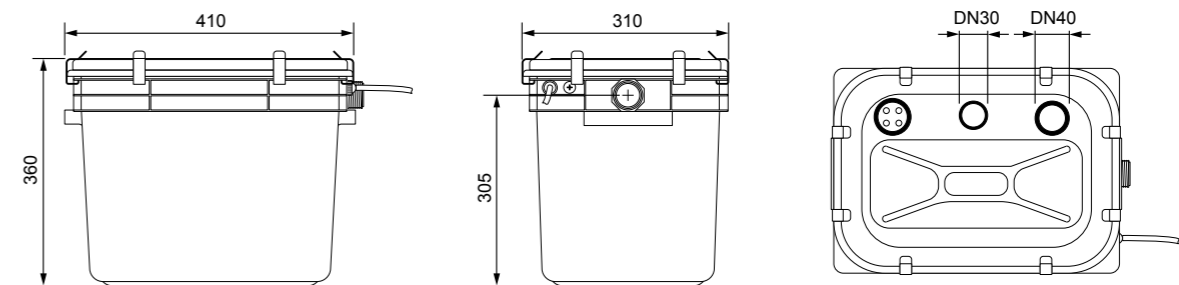


### Technical data

	V	Phases	P2 (kW)	A	Rpm	Ø	Free passage
DR-Steel 25/2 M50	230	1	0.25	2.3	2900	G 1 1/4"	10 mm
DR-Steel 37/2 M50	230	1	0.37	3.1	2900	G 1 1/4"	10 mm



### Dimensions



Dimensions in mm - Data without pump and accessories - All weights and dimensions are indicative only