

BlackBox

Waste Water Station



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Application Area

Manufactured with a polyethylene body, the BlackBox is a sealed collection tank system designed to collect wastewater from areas and surfaces located below the backflow level and safely discharge it to a higher-level sewer network. Thanks to its compact design, it provides efficient operation even in confined spaces.

The BlackBox is designed for use in the following applications:

Transfer of wastewater in residential areas

Pumping of industrial surface water and wastewater

Discharge of liquids containing fibrous particles

Other special discharge applications requiring a high static head

Standard Design

- The BlackBox is a sealed collection tank system, available in 300, 500, and 1000-liter capacity options, manufactured from polyurethane material. Its compact structure and sliding-type mounting system allow easy installation and straightforward maintenance.
- A specially designed top cover prevents the emission of unpleasant odors to the surrounding environment. The basket screen filter located at the wastewater inlet traps large particulates, protecting the pumps and ensuring uninterrupted system operation.
- Wastewater accumulated in the tank is rapidly discharged using Enduro series submersible pumps. A globe-type check valve installed in the pump discharge line prevents backflow, reducing operating losses and extending pump service life.
- Each pump is equipped with a 5-meter cable and a float switch for automatic level control. This system detects the water level and ensures that the pumps start and stop at the correct times.

Teknik Özellikler

Tank Volume 300 - 500 - 1000 Liters

Pump Heading Height 5-25 m

Pump Quantity 1 original (1 spare)

Tank Inlet Pipe Connection Diameters DN100 (4" inc)

Tank Outlet Pipe Connection Diameters DN 50-DN80 (2"-3" inch)

Tank Material Polyethylene (HDPE)

Equipments Connection Hoses, Collective Check Valves, Basket Screen (Strainer), Pear Type Liquid Level Floater

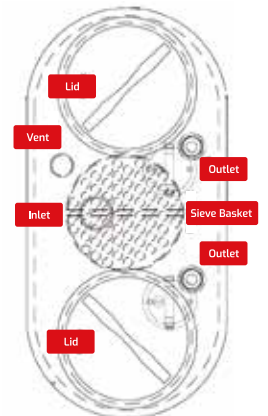
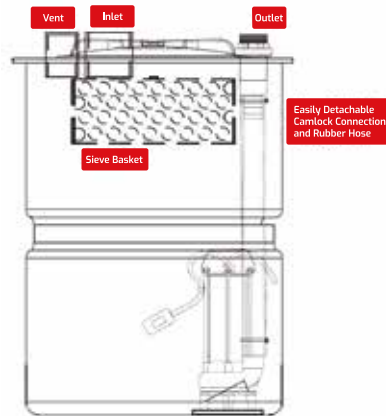
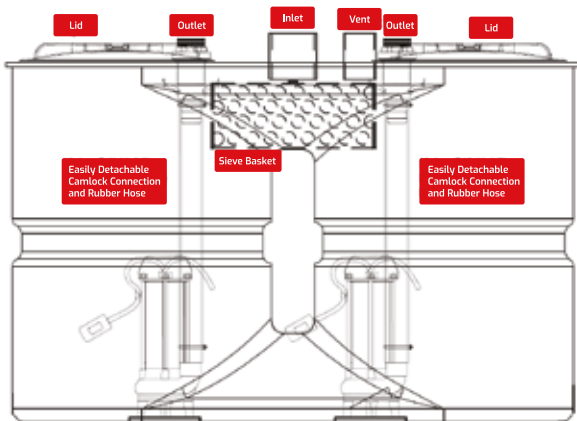
Additional Features Connection parts (hose camlock connection) are easy to attach and detach, Protection against falling, aesthetic appearance and rigid structure.

Max. Fluid Temperature 50 °C

Product Description

Blackbox 500 – 2 5160P

Model _____
Capacity (Liters) _____
Number of Pumps _____
Pump Type _____

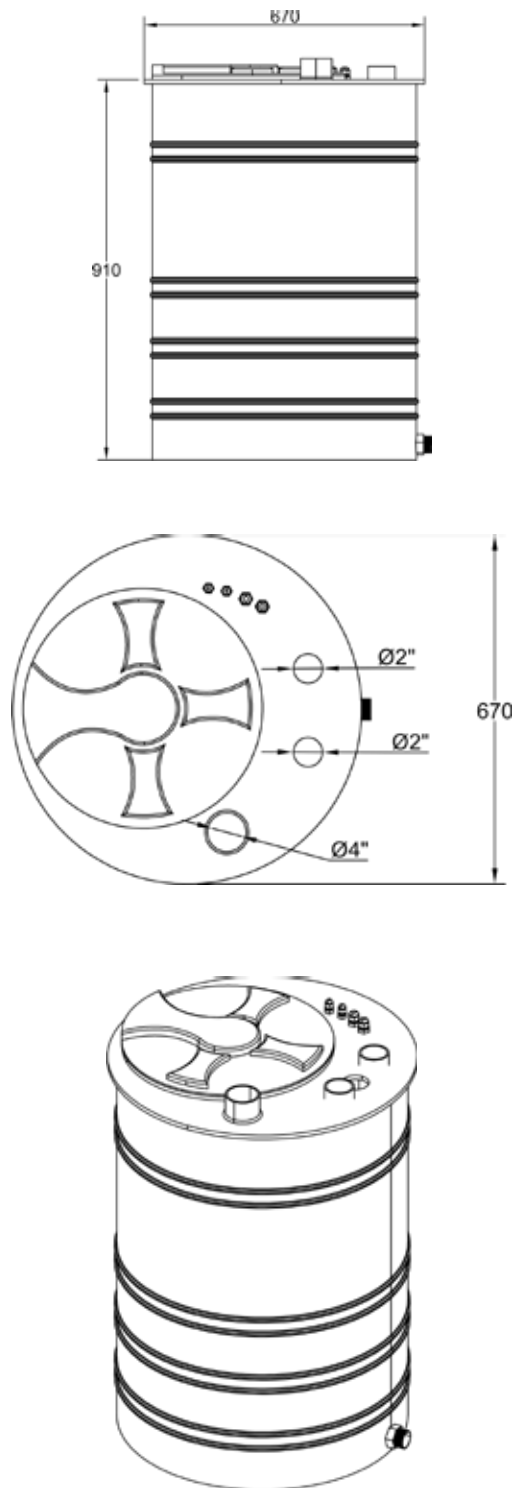


No	PUMP MODEL	POWER (KW)	(RPM)	IMPELLER TYPE	TANK VOLUME (LITER)	TANK INLET DIA.	TANK OUTLET DIA.
1	Enduro 50-160	1,5	3000	D-P-X	300	4"(DN 100)	2"(DN 50)
2		2,2					
3	Enduro 50-160	1,5	3000	D-P-X	500	4"(DN 100)	2"(DN 50)
4		2,2					
5		3					
6		4					
7	Enduro 50-160	5,5	3000	X	500	4"(DN 100)	2"(DN 50)
8	Enduro 50-160	1,5	3000	D-P-X	1000	4"(DN 100)	2"(DN 50)
9		2,2					
10		3					
11		4					
12	Enduro 50-160	5,5	3000	X	1000	4"(DN 100)	2"(DN 50)
13	Enduro 50-200	3	3000	D	1000	4"(DN 100)	2"(DN 50)
14		4					
15		5,5					
16		7,5					
17		11					
18	Enduro 50-200	4	3000	P	1000	4"(DN 100)	2"(DN 50)
19		5,5					
20		7,5					
21		11					
22	Enduro 80-190	2,2	1500	D	1000	4"(DN 100)	3"(DN 80)
23		3					
24	Enduro 80-190	3	3000	D	1000	4"(DN 100)	3"(DN 80)
25		4					
26		5,5					

Note: Please contact our company for suitable pump models that can be used in different tank capacities and for our pump models that you want to place in the tank, apart from the models in the table. Sliding system is not used in tank types.

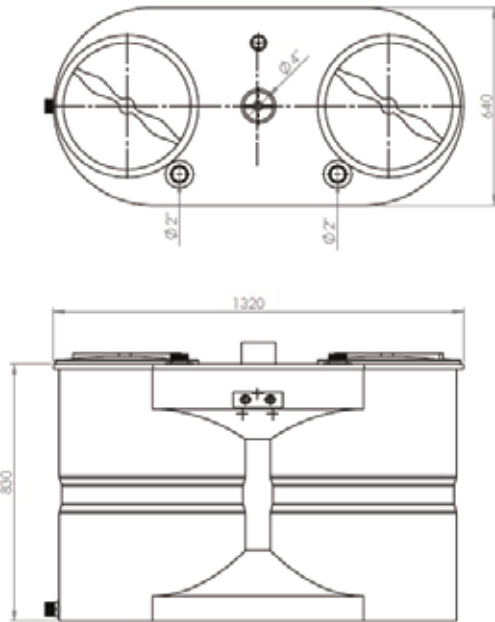
BLACKBOX DIMENSIONAL PROPERTIES

BLACKBOX 2" 300 Liter with Standard Cover Design Dimensional Features

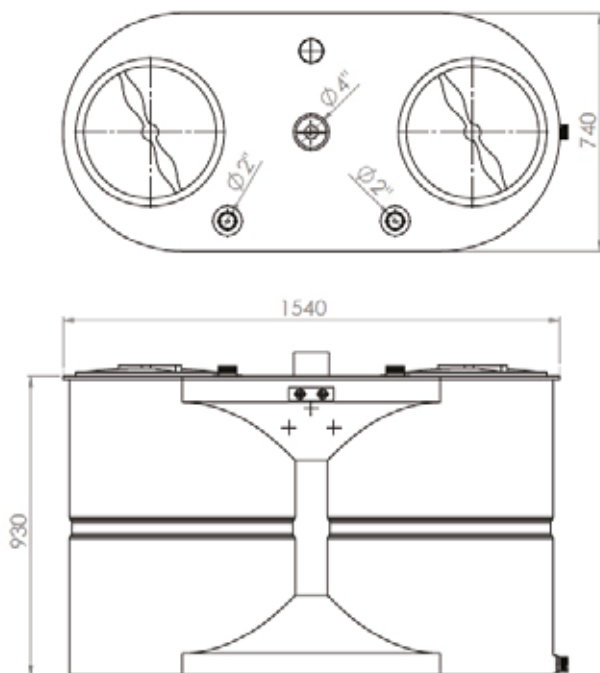


BLACKBOX DIMENSIONAL PROPERTIES

BLACKBOX 2" 500 Liter with Standard Cover Design Dimensional Features

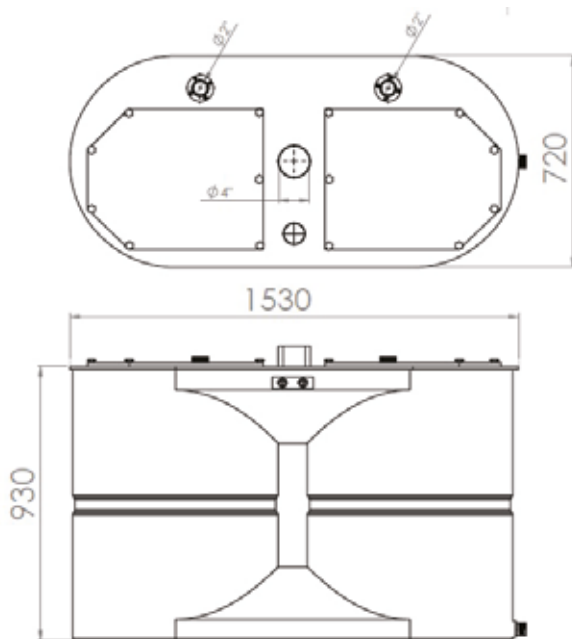


BLACKBOX 2" 1000 Liter with Standard Cover Design Dimensional Features

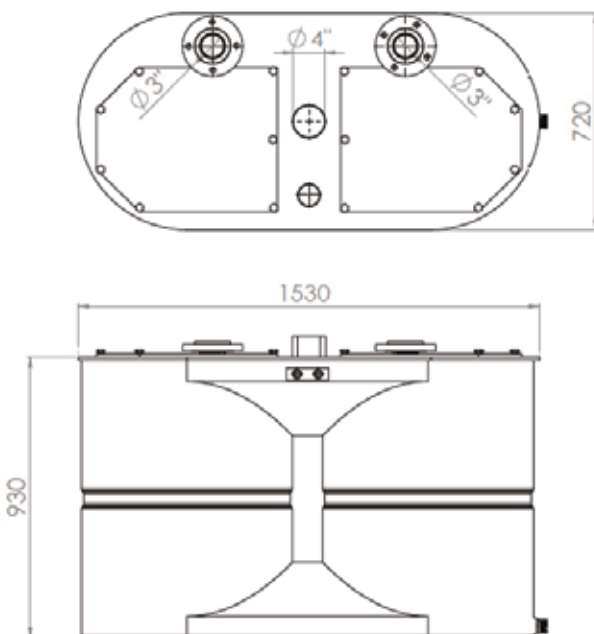


BLACKBOX DIMENSIONAL PROPERTIES

BLACKBOX 2" 1000 Liter with Special Cover Design Dimensional Features



BLACKBOX 3" 1000 Liter with Special Cover Design Dimensional Features



***Making
The World
Better!***



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