

PUMPING STATIONS

Box

Description and characteristics:

The prefabricated Pumping Stations are an ideal solution when pumping drainage water, rainwater or sewage is needed to overcome differences in flow level between manifolds, i.e., whenever a gravity flow is not possible.

Our Pumping Stations are ready-to-install solutions, made from polyethylene, rot-proof and provided with locking lids.

They are manufactured in High-Density Polyethylene (HDPE), presenting as main features: low weight; high chemical resistance; high mechanics; and corrosion-proof.

This product line has two types of tanks:

- SINGLE BOX For installation of one submersible electric pump
- DOUBLE BOX For installation of two submersible electric pumps

Both equipments are available for supply either without any other equipment or fully operational, equipped with one or two vortex type pumps, level switches and an electrical control panel.

The flow rates and monometric heights are the maximum operating values of each electric pump. For each application, we recommend consulting the respective pump's performance curve.

Pumping stations without equipment

SINGLE BOX

214L Container (lid, add-on and tank) Ready for installation of a submersible electric pump.

Ref.	Volume (L)	Width (mm)	Length (mm)	Height (mm)	Lid (mm)
BOXS	214	550	750	1130	ø 400

DOUBLE BOX

430L Container (lid, add-on and tank) Ready for installation of a submersible electric pump.

Ref.	Volume (L)	Width (mm)	Length (mm)	Height (mm)	Lid (mm)
BOXD	430	1120	750	1130	2 x ø 400



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Equipped pumping stations

SINGLE-PHASE SINGLE BOX

214L Container (lid, add-on and tank)

1X electric pump with vortex type impeller, compression piping

Ref.	Vol. (L)	Width (mm)	Length. (mm)	Height (mm)	Lid (mm)	Flow Rate Max. L. Min	Height Manometrics mca	Power kW
BOXS7VX	214	550	750	1130	ø 400	260	9,1	0,55
BOXS10VX	214	550	750	1130	ø 400	400	7,7	0,7
BOXS15VX	214	550	750	1130	ø 400	450	9,1	1,1

THREE-PHASE SINGLE BOX

214L Container (lid, add-on and tank) 1 X electric pump with vortex type impeller, 1 X level switch, 1 x electrical protection and control panel, compression piping.

Ref.	Vol. (L)	Width (mm)	Length. (mm)	Height (mm)	Lid (mm)	Flow Rate Max. L. Min	Height Manometrics mca	Power kW
BOXS7VXT	214	550	750	1130	ø 400	260	9,1	0,55
BOXS10VXT	214	550	750	1130	ø 400	400	7,7	0,7
BOXS15VXT	214	550	750	1130	ø 400	450	9,1	1,1
BOXS20VXT	214	550	750	1130	ø 400	550	11	1,5

Equipped pumping stations

SINGLE-PHASE DOUBLE BOX

430L Container (lid, add-on and tank)

2 X electric pump with vortex type impeller, compression piping.

Ref.	Vol. (L)	Width (mm)	Length. (mm)	Heigh (mm)	Lid (mm)	Flow Rote Max. L. Min	Height Manometrics mca	Power kW
BOXD7VX	430	550	750	1130	2 x ø 400	520	9,1	2 x 0,55
BOXD10VX	430	550	750	1130	2 x ø 400	800	7,7	2 x 0,7
BOXD15VX	430	550	750	1130	2 x ø 400	900	9,1	2 x 1,1

THREE-PHASE DOUBLE BOX

430L Container (lid, add-on and tank) 2 X electric pump with vortex type impeller, 4 X level switch, 1 x electrical protection and control panel, compression piping.

Ref.	Vol. (L)	Width (mm)	Length. (mm)	Heigh (mm)	Lid (mm)	Flow Rote Max. L. Min	Height Manometrics mca	Power kW
BOXD7VXT	430	550	750	1130	2 x ø 400	520	9,1	2 x 0,55
BOXD10VXT	430	550	750	1130	2 x ø 400	800	7,7	2 x 0,7
BOXD15VXT	430	550	750	1130	2 x ø 400	900	9,1	2 x 1,1
BOXD20VXT	430	550	750	1130	2 x ø 400	1100	11	2 x 1,5