

NEW AUTOMATIC PUMP STATIONS



FEKABOX - FEKAFOS

NEW FEKABOX AND FEKAFOS

WHY CHOOSE A DAB AUTOMATIC LIFTING STATION



VERSATILITY

The collection and lifting stations FEKABOX and FEKAFOS DAB are versatile and adapt equally to the underground facilities such as those at the surface, those installed in enclosed spaces rather than outdoors.

THE IMPORTANCE OF MATERIAL

They are made of Polyethylene with an average of 8mm, material which unlike cement, allows an important reduction in weight with a significant impact on the cost and timing of handling and installation. In addition, the Polyethylene also guarantees a resistance that makes the DAB tanks inert to chemical attacks and robust against mechanical stress.

THE ERGONOMIC DESIGN

The new range of DAB tanks comes complete with all the necessary predispositions to maximize ease of the installation phase.

Every aspect has been detailed to make the installer's job easier, like the new symbology pre-printed directly on the tank near the inlets and the outlets, to make installation simpler.

THE CERTIFICATIONS

The new FEKABOX e FEKAFOS tanks are in line with the European standard EN 12050 1-2.

OPERATION AND USE

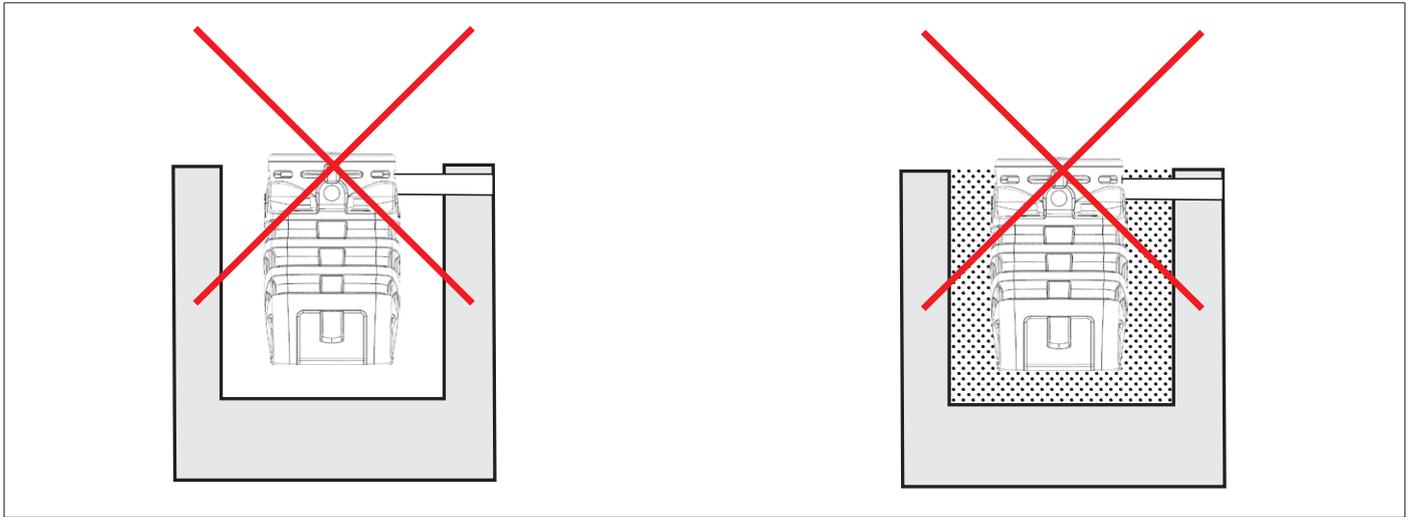
Tanks for domestic waste water arriving from drainage systems of various types or storm drains, for systems located below the sewer network such as garages or basements, when the sewers cannot be reached by gravity. The pump installed in the tank allows the waters to be conveyed into the sewer. The tank has numerous possibilities for connecting pipes at input, output and ventilation, allowing adequate use even in limited spaces. A grinder pump can also be installed in the tank, able to break up any foreign bodies in the waste water and project them at long distances.



AUTOMATIC LIFTING STATION

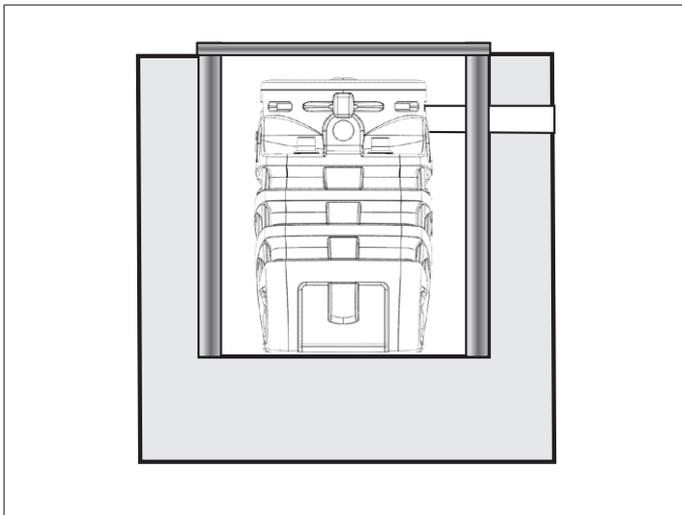
INSTALLATION OPTIONS

The entire Fekabox and Fekafos range must be anchored to a base

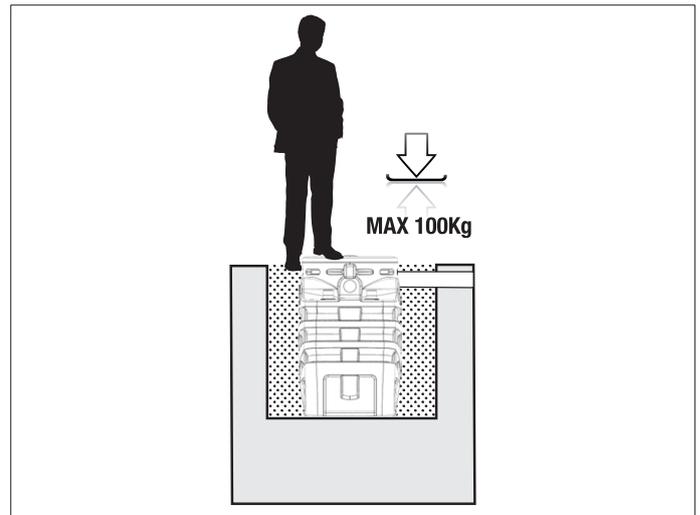


Typical indoor installation with cover flush with floor.

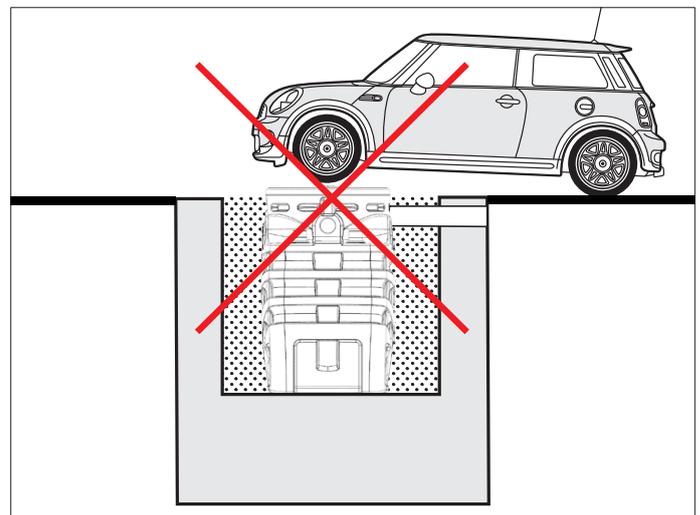
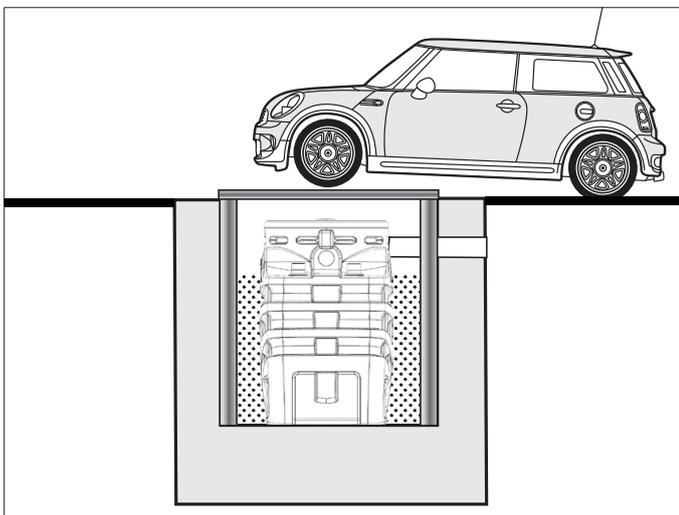
Outdoor installation without bearing structure, buried in sand Walk-over.



Outdoor installation with drive-over concrete bearing structure.



Outdoor installation: Caution do not drive-over without bearing structure !!



FEATURES



**MADE WITH
RECYCLABLE MATERIALS**



COVER

Completely air-tight and easy to install, with seal and safety lock. Withstands the weight of a person up to 100 Kg.



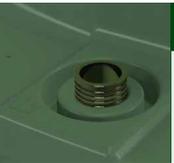
SYMBOLS

Pre-printed directly on the tank near the inlets and the outlets, to make it easy the installation



INLETS

Designed for drilling of holes in situ on several sides and for several sizes, ranging from DN 110 to DN 50. Guarantees excellent flexibility in plants which are often pre-installed.



OUTLETS

2" Threaded



COUPLER FOOT

2" and 1" / ¼ polypropylene coupler foot with integrated anti-rotation bracket. Simple pump installation and maintenance.



ANCHOR FITTINGS

Stop the tank floating upwards in case of flooding or high groundwater levels.



EMERGENCY OUTLET

Designed for connection to an emergency pump-out system in the event of lengthy electrical power cuts.

FEKABOX RANGE

FEKABOX range automatic lifting stations are suitable for collecting and lifting **clear, rain and waste water from washing machines, sinks and WCs** in systems installed at a lower level than the sewer, in locations such as garages or basements. Models are compact and easy to install. They are ideal for homes and other residential properties. The **FEKABOX** is designed for use with just one automatic single-phase pump with float switch, which must be ordered separately.

FEKABOX 110

Capacity [l]	110
Connections	4 - DN110, DN50 horiz. inlets 1 - 2" vertical pump-out 1 - 2" horiz. pump-out 1 - DN40 emergency pump-out 1 - DN 50 vent
Overall dimensions [mm]	D: 620 x L: 390 x H: 600
Complete with	PVC unions and rubber coated hose for vertical or horizontal 2" outlet.
Recommended pumps	FEKA 600 MA FEKA VS/VX 550-750 MA
Operating range	From 1 to 24 m ³ /h with head up to 9 mt



FEKAFOS RANGE
COMPLIANT WITH EUROPEAN
NORMATIVE EN 12050-2

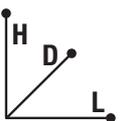
FEKABOX 200



Capacity [l]	200
Connections	2 - DN110, DN50 vertical inlets 1 - DN110, DN50 horiz. inlet 1 - 2" vertical pump-out 1 - DN40 emergency pump-out 1 - DN 50 vent
Overall dimensions [mm]	D: 750 x L: 600 x H: 779
Complete with	2" and 1" / ¼ lifting device with anti-rotation bracket
Recommended pumps	FEKA 600 MA FEKA VS/VX 550-750-1000-1200 MA
Operating range	From 1 to 24 m ³ /h with head up to 15 mt

FEKAFOS RANGE
COMPLIANT WITH EUROPEAN
NORMATIVE EN 12050-1

Pumped liquid temperature: 50°C



FEATURES



**MADE WITH
RECYCLABLE MATERIALS**



COVER

Completely air-tight and easy to install, with seal and safety lock. Withstands the weight of a person up to 100 Kg



INLETS

Designed for drilling of holes in situ on several sides and for several sizes, ranging from DN 110 to DN 50. Guarantees excellent flexibility in plants which are often pre-installed.



OUTLETS

2" Threaded



READY FOR THE FLOATING ALARM INSTALLATION

Designed for mounting floating alarm to be connected to the control panel.



FLOAT SWITCHES

Pre-installed at the correct heights on a support which simplifies any adjustments or maintenance.



COUPLER FOOT

Cast Iron coupler foot with integrated anti-rotation bracket. Simple pump installation and maintenance.



ANCHOR FITTINGS

Stop the tank floating upwards in case of flooding or high groundwater levels.



TWO-PUMP LIFTING STATION

The Fekafos range includes stations with two pumps.

SYMBOLS

Pre-printed directly on the tank near the inlets and the outlets, to make it easy the installation



EMERGENCY OUTLET

Designed for connection to an emergency pump-out system in the event of lengthy electrical power cuts.

FEKAFOS RANGE

FEKAFOS range automatic lifting stations are suitable for collecting and lifting clear, rain and waste water from washing machines, sinks and WCs in systems installed at a lower level than the sewer, in locations such as garages or basements. Models are compact and easy to install.

They are ideal for homes and other residential properties. The **FEKAFOS** is designed for use with one or two (double models) non-automatic single-phase or three-phase pumps without float switch, which must be ordered separately together with the control panel.

FEKAFOS 280

Capacity [l]	280
Connections	1 - DN110, DN50 vertical inlet 2 - DN110, DN50 horiz. inlets 1 - 2" vertical pump-out 1 - DN40 emergency pump-out 1 - DN 50 vent
Overall dimensions [mm]	D: 750 x L: 600 x H: 940
Complete with	lifting device with anti-rotation bracket, 2 bulb start / stop float switches
Recommended pumps	DN 50: FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 MNA-T GRINDER 1400 M-1800 T FEKA 1400 M-1800 T FEKA 2015 - 2030.2TNA
Operating range	From 1 to 36 m ³ /h with head up to 25 mt



FEKAFOS 280 DOUBLE



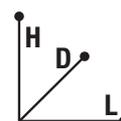
Capacity [l]	280
Connections	1 - DN110, DN50 vertical inlet 2 - DN110, DN50 horiz. inlets 2 - 2" vertical pump-out 1 - DN40 emergency pump-out 1 - DN 50 vent
Overall dimensions [mm]	D: 750 x L: 600 x H: 940
Complete with	2 lifting devices with anti-rotation bracket 3 bulb start / stop float switches
Recommended pumps	DN 50: FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 MNA-T GRINDER 1400 M-1800 T FEKA 1400 M-1800 T
Operating range	From 1 to 36 m ³ /h with head up to 25 mt

FEKAFOS 550 DOUBLE

Capacity [l]	550
Connections	2 - DN110, DN50 vertical inlets 2 - DN110, DN50 horiz. inlets 2 - 2" vertical pump-out 1 - DN40 emergency pump-out 2 - DN 50 vent
Overall dimensions [mm]	D: 750 x L: 1200 x H: 940
Complete with	2 lifting devices with anti-rotation bracket 3 bulb start / stop float switches
Recommended pumps	DN 50: FEKA 600 M-NA/T, FEKA VS/VX 550-750-1000-1200 M-NA/T GRINDER 1000-1200-1600 MNA-T, GRINDER 1400 M-1800 T FEKA 1400 M-1800 T, FEKA 2015 - 2030.2TNA
Operating range	From 1 to 36 m ³ /h with head up to 25 mt



**FEKAFOS RANGE
COMPLIANT WITH EUROPEAN
NORMATIVE EN 12050-1**



FEATURES



Automatic collection and lifting stations, used for pumping residential and industrial wastewater when the sewer is at too high a level for natural gravity drainage.

They comprise a tough, high density polyethylene tank of 1200, 2000 or 3800 litres with removable pedestrian cover and double seal to ensure it is gas and water-tight.

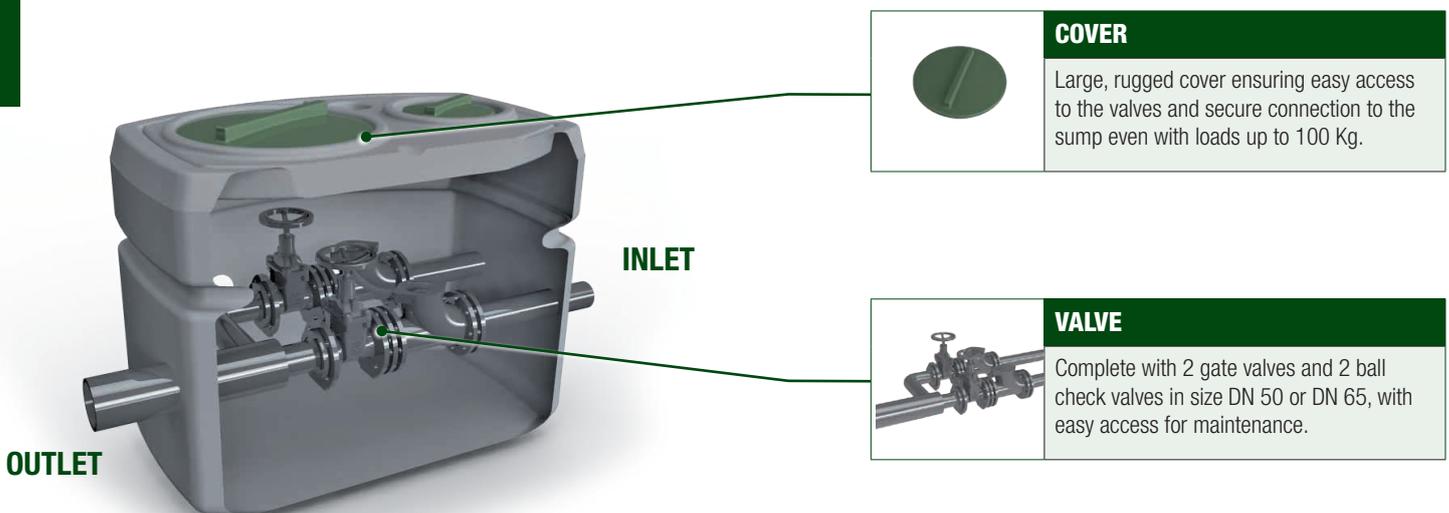
The prefabricated tank is supplied complete with 2 DN 50 or DN 65 lifting devices complete with guide rails for easier pump lifting and lowering, 3 bulb float switches and DN 110 inlet manifold. An alarm float switch can be provided on request.

OPERATION AND USE

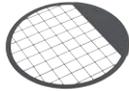
The collection tank receives household wastewater from drains of any kind, and any rainwater or seepage drains. The pump installed inside the tank pumps the wastewater into the sewer.

To simplify correct maintenance of the ball check valves, they are installed outside the tank in a polyethylene sump complete with 2 ball check valves and 2 gate valves.

Overall tank height can be adjusted to meet system requirements on site with the aid of a 300 mm stand.



FEKAFOS 1200 - 2000 - 3800 RANGE



SAFETY STRAINER

Guarantees safety during maintenance procedures.



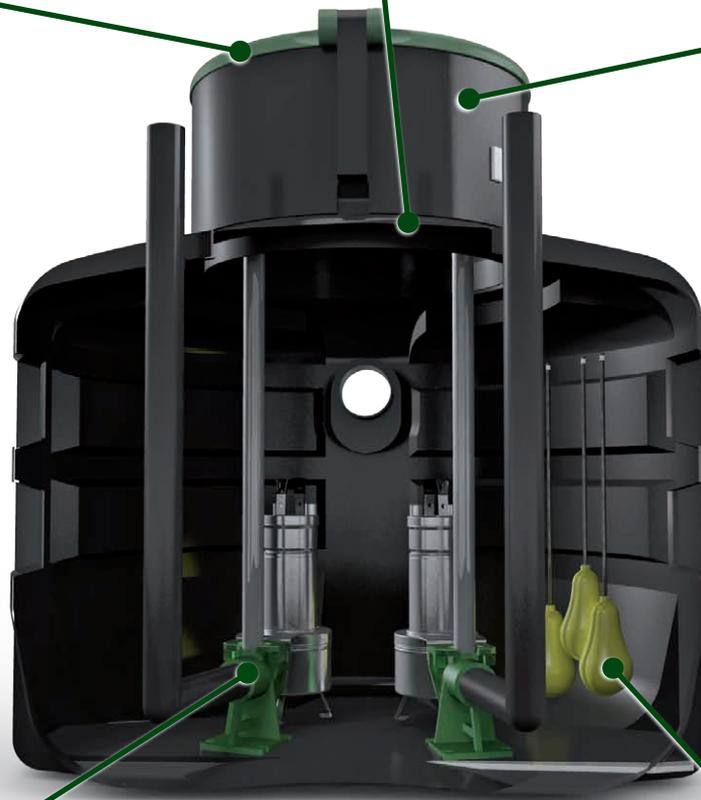
COVER

Rugged and airtight with dual seal, withstands the weight of a person up to 100 Kg.



MODULAR HEIGHT

A 300 mm modular stand allows tank height to be modified to system requirements.



COUPLER FOOT

Simple pump installation and maintenance.



FLOAT SWITCHES

Pre-installed at the correct heights on the tank body to simplify any adjustments or maintenance.

GAMMA FEKAFOS



FEKAFOS 1200

Capacity [l]	1200
Conessioni	DN160 inlet 2" vent
Overall dimensions [mm]	Ø 1250x1420
Complete with	2 DN 50 or DN 65 lifting devices complete with guide rails 3 bulb start / stop float switches suction manifold DN 110
Recommended pumps	DN 50: FEKA VS 550-750-1000-1200 T/M-NA, FEKA 1400 M - 1800 T; FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T DN 65: FEKA 2500 4T, FEKA 2500-2515-2700 2T
Operating range	From 1 to 48 m ³ /h with head up to 25 mt

FEKAFOS 2000

Capacity [l]	2000
Conessioni	DN160 inlet 2" vent
Overall dimensions [mm]	Ø 1250x2300
Complete with	2 DN 50 or DN 65 lifting devices complete with guide rails 3 bulb start / stop float switches suction manifold DN 110
Recommended pumps	DN 50: FEKA VS 550-750-1000-1200 T/M-NA, FEKA 1400 M - 1800 T; FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T DN 65: FEKA 2500 4T, FEKA 2500-2515-2700 2T
Operating range	From 1 to 48 m ³ /h with head up to 25 mt

FEKAFOS 3800

Capacity [l]	3800
Conessioni	DN160 inlet 2" vent
Overall dimensions [mm]	Ø 1800x1860
Complete with	2 DN 50 or DN 65 lifting devices complete with guide rails 3 bulb start / stop float switches suction manifold DN 110
Recommended pumps	DN 50: FEKA VS 550-750-1000-1200 T/M-NA, FEKA 1400 M - 1800 T; FEKA 2015-2025-2030 2T GRINDER 1000-1200 -1600 T GRINDER 1400 M-1800 T DN 65: FEKA 2500 4T, FEKA 2500-2515-2700 2T
Operating range	From 1 to 48 m ³ /h with head up to 25 mt



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