



TECHNICAL DATA

Liquid temperature range:
from 0 °C to +50 °C.
Pumped liquid:
waste water according to EN 12050-3.
Third party approval: VDE-GS, LGA, VDE-EMC.
Capacity: approved for 6 and 9 litre flushing units according to EN 12050-3.
Protection class: IP44.

APPLICATIONS

Its use is necessary when toilet, shower, sink, or bidet waste water cannot be expelled due to gravity. These lifting stations can be used anywhere for the addition of a toilet, for new installations, refurbishments, or structural modifications. With the 110 model, in addition to a toilet, a further user can also be connected, like the sink. With the 130 model, in addition to the toilet, three further users can be connected, like the sink, the shower, and the bidet. A characteristic of the proposed models is their silent operation, further improved in the Comfort versions. The powerful and reliable pump, and the nickel plated stainless steel grinder, make the product durable, with practically no regular maintenance required. Extremely easy to repair in case of blocking, with the possibility of removing the motor assembly by simply removing two screws. The discharge tap ensures clean and problem-free maintenance. The check valves are built in the delivery connections, and in the side connections for 130 models. Available as extra accessories are an acoustic flooding prevention alarm, and an extension pipe, for adapting GENIX to pre-existing installations.

CONSTRUCTION FEATURES OF THE PUMP

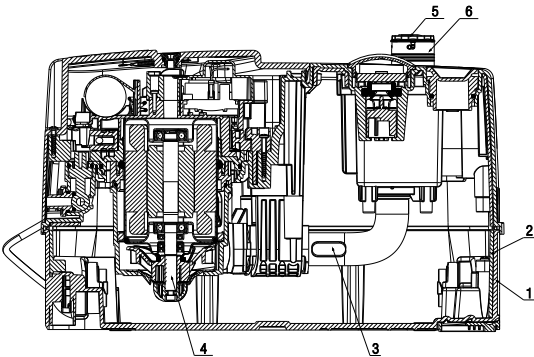
30 % barium loaded polypropylene tank. For the sound proofed version, 70 % barium loaded polypropylene sound proofer. 30 % fibre glass PPO impeller. Stainless steel motor shaft. Nickel plated stainless steel grinder.

CONSTRUCTION FEATURES OF THE MOTOR

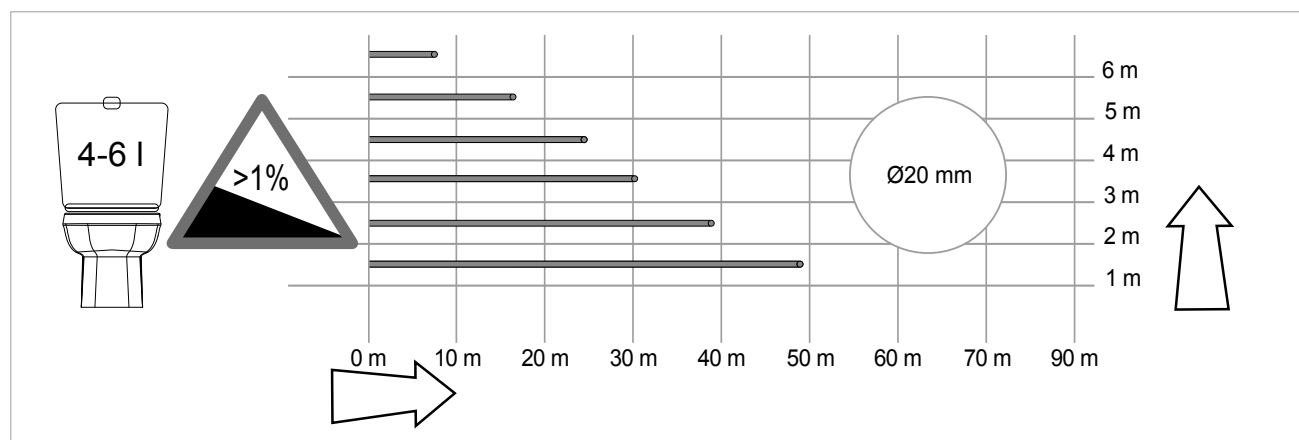
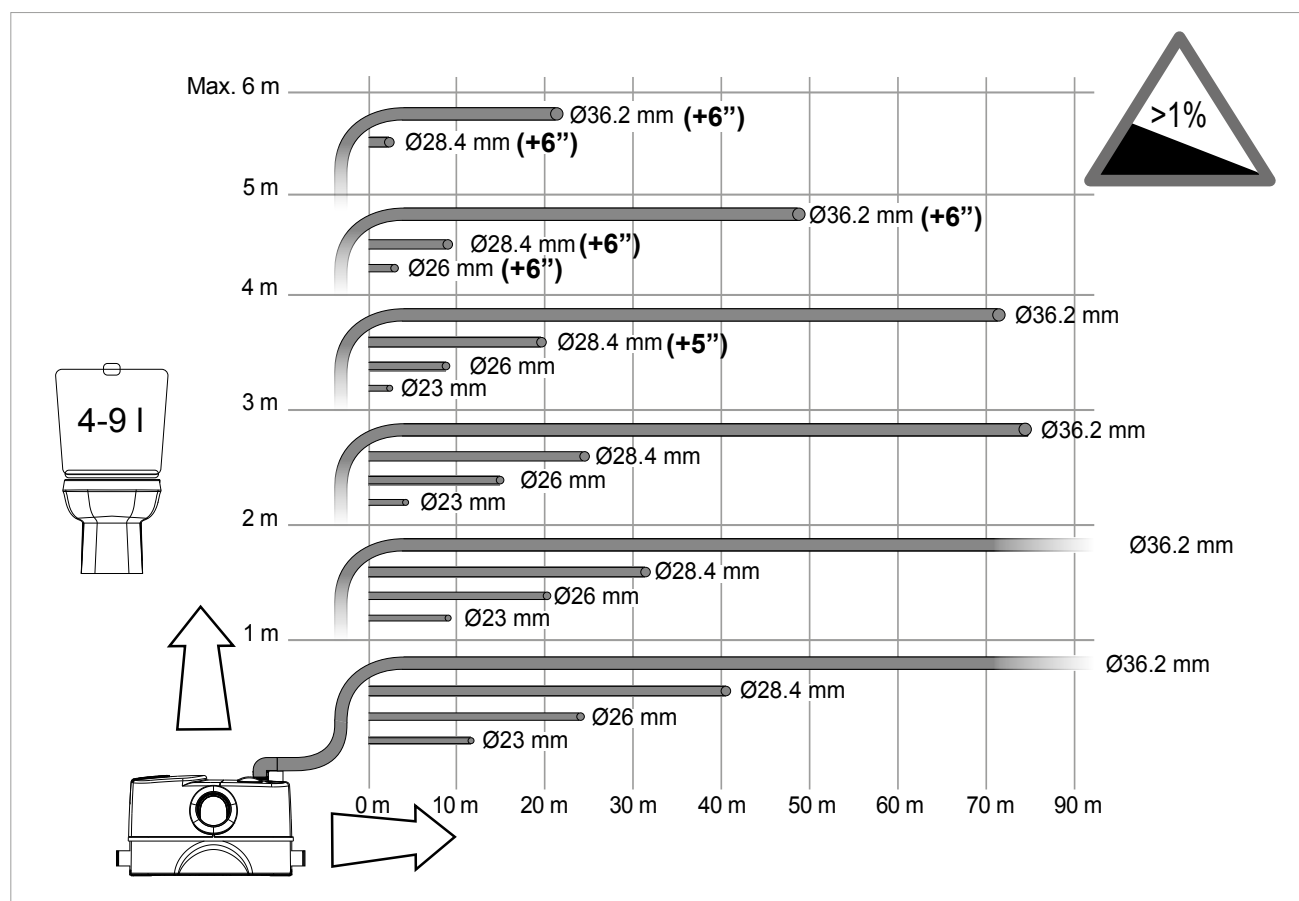
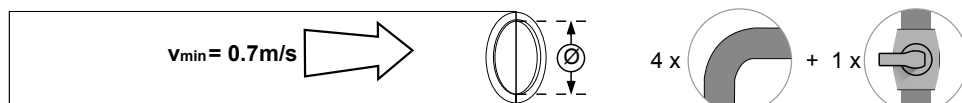
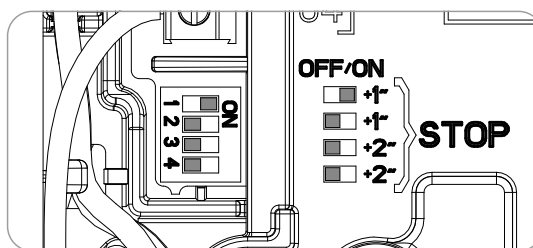
Asynchronous, made of stainless steel. Stainless steel shaft and cover. Thermal overheating protection. Wear-resistant motor shaft.

MATERIALS

N.	PARTS		MATERIALS
1	TANK		PP 15% BARIUM
2	SOUND PROOFER		PP 70% BARIUM
3	PIPE		EPDM
4	GENIX COMFORT FLANGE GROUP V230-50Hz	MOTOR-COVER	AISI 304
		MOTOR-SHAFT	AISI 416
		IMPELLER	30 % FIBRE GLASS PPO
		FIXED GRINDER	AISI 304
		IMPELLER NUT	30 % FIBRE GLASS PPO
		MOVING GRINDER	AISI 420
		MOTOR FLANGE	30 % FIBRE GLASS PP
		PUMP BODY	30 % FIBRE GLASS PP
		CENTERING RING	30 % FIBRE GLASS PP
		VOLUTE	30 % FIBRE GLASS PP
		CHECK VALVE BODY	30 % FIBRE GLASS PP
		OVAL CLAPET VALVE	EPDM
5	VALVE ASSEMBLY	OR -3118 29.82 X 2.62	NBR
6	DELIVERY PIPE		30 % FIBRE GLASS PP

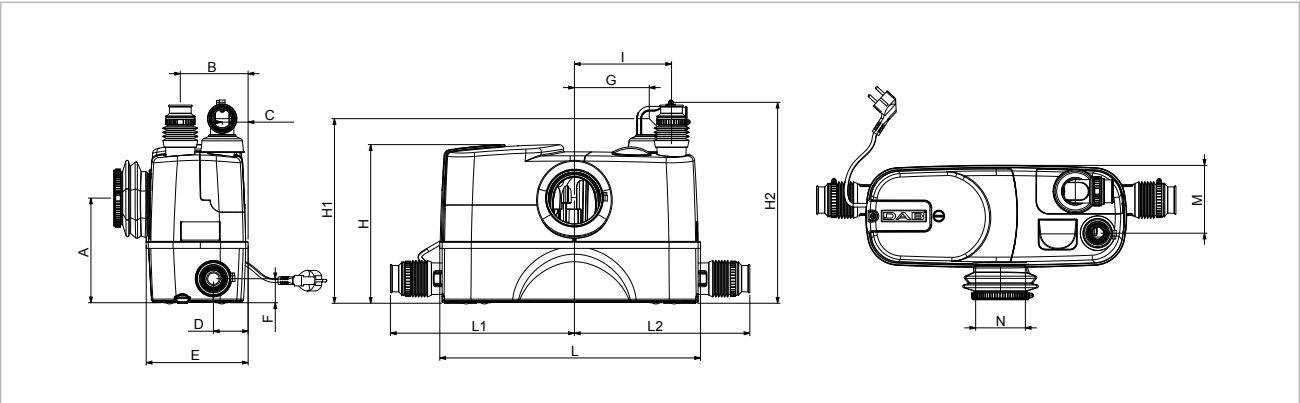


INSTALLATION INSTRUCTIONS



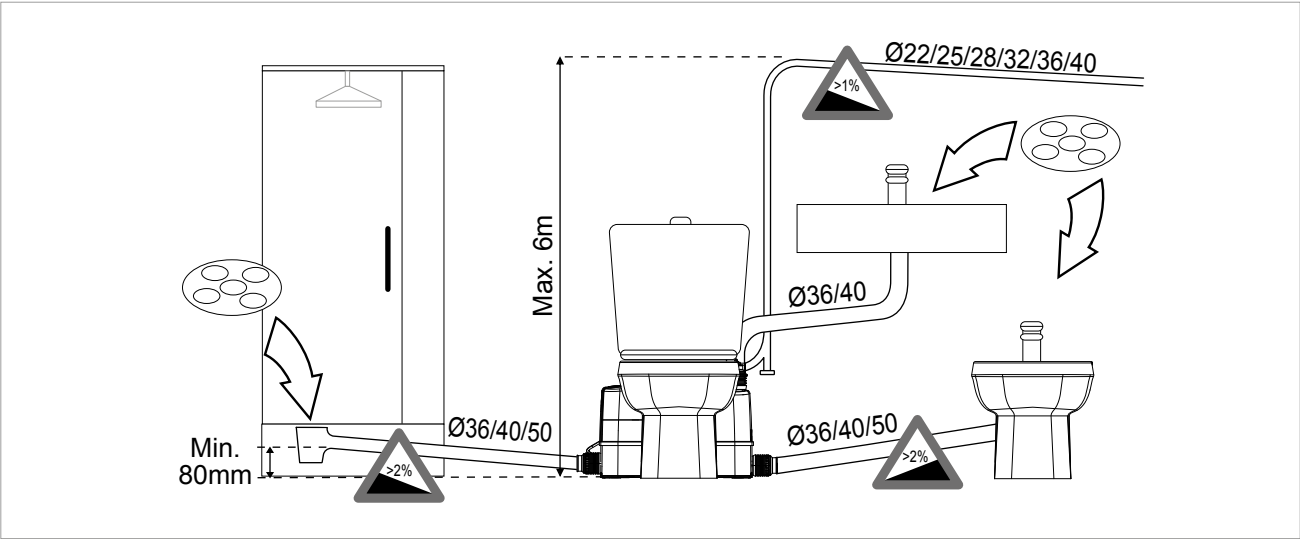
GENIX - WASTE WATER DRAINING

Liquid temperature range: from 0 °C to +50 °C



MODEL	ELECTRICAL DATA				
	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		In A
			kW	HP	
GENIX 110	1 x 230 V ~	0,49	0.32	0.44	2.3
GENIX 130	1 x 230 V ~	0,49	0.32	0.44	2.3
GENIX COMFORT 110	1 x 230 V ~	0,49	0.32	0.44	2.3
GENIX COMFORT 130	1 x 230 V ~	0,49	0.32	0.44	2.3

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	L1	L2	M	N	PACKING DIMENSIONS			VOLUME (m³)	WEIGHT kg
																	L/A	L/B	H		
GENIX 110	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0.0520	10.3
GENIX 130	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0.0520	10.6
GENIX COMFORT 110	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0.0520	11.5
GENIX COMFORT 130	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0.0520	12





TECHNICAL DATA

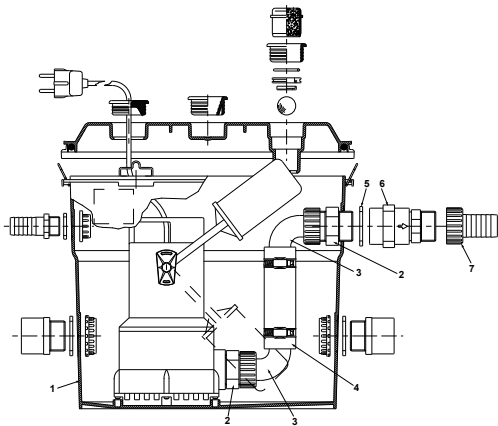
Operating range:
from 1 to 7,2 m³/h with head up to 6,9 metres.
Liquid temperature range:
+ 50 °C.
+ 90 °C for a maximum time of 3 minutes.
Pumped liquid:
waste water without solid and/or fibrous matter.
Protection class of the motor and the pump: IP 68.
Motor isolation rating: F.

APPLICATIONS

Stations for the collection and lifting of domestic waste water from the bath, sink, shower, and washing machine in basements, or below the sewer network in general. They consist of a NOVA 300 pump with 5 metre power input cable and plug fitted on a technopolymer plate, 30 litre technopolymer tank, check valve on the delivery. The lifting station is supplied with pump with connection kit and shower float kit.

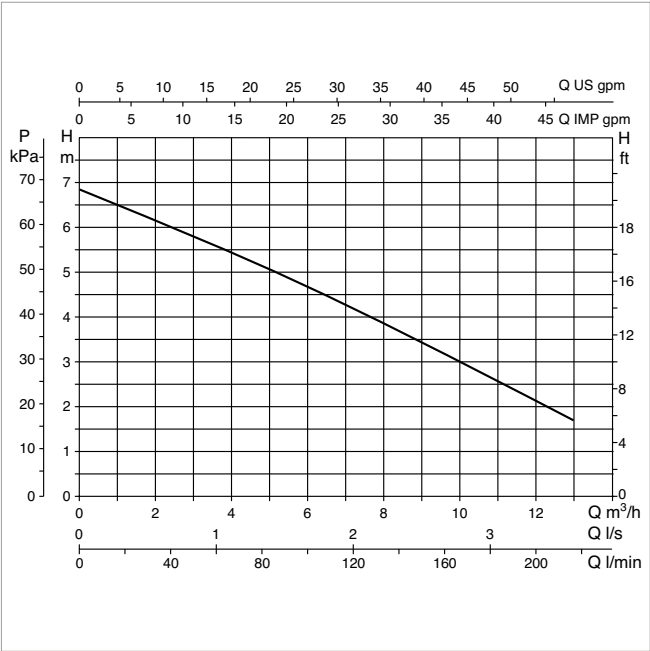
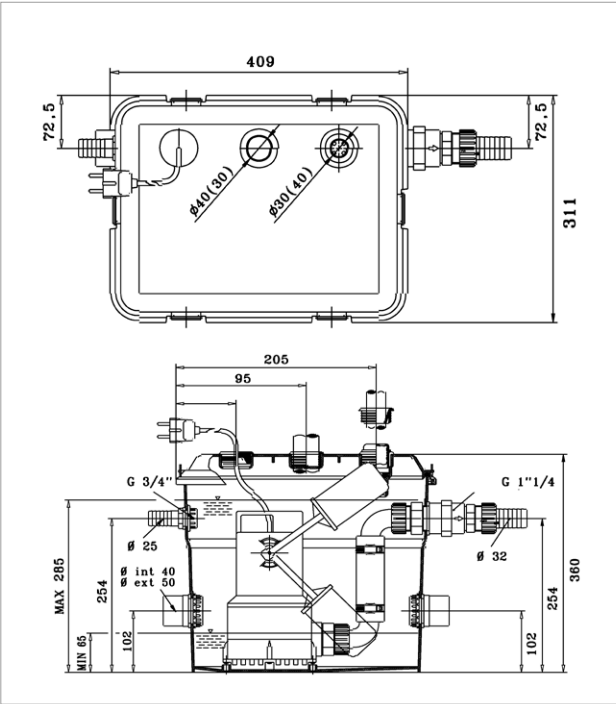
MATERIALS

N.	PARTS	MATERIALS
1	TANK	TECHNOPOLYMER
2	NIPPLE	TECHNOPOLYMER
3	RUBBER HOLDER	TECHNOPOLYMER
4	PIPE	RUBBER
5	OR RING	EPDM
6	NON-RETURN VALVE	TECHNOPOLYMER
7	RUBBER HOLDER	TECHNOPOLYMER



NOVABOX - AUTOMATIC WASTE WATER DRAINING COLLECTION AND LIFTING STATIONS

Liquid temperature range: from +50 °C to +90 °C for a maximum time of 3 minutes



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	ELECTRICAL DATA						
	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
NOVABOX 30/300.1M	1 x 220-240 V ~	0.29	0.22	0.3	1.3	8	450
NOVABOX 30/300.1M-SV	1 x 220-240 V ~	0.29	0.22	0.3	1.3	-	-

MODEL	A	B	C	D	E	F	H	H1	H2	PACKING DIMENSIONS			VOLUME (m³)	WEIGHT kg
										L/A	L/B	H		
NOVABOX 30/300.1M	407	309	94	204	314	72	360	100	254	45	33	38	0.056	9.2

FEKABOX 110

1 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range:

from 1 to 24 m³/h with head up to 9 metres.

Liquid temperature range: + 45° C

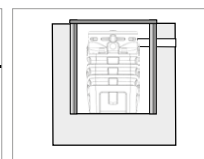
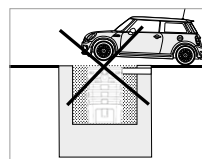
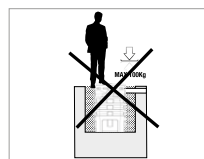
Pumped liquid:

waste water and domestic drains.

Liquids compatible with EN12050 2.

Installation: inside the building, secured to the floor.

It cannot be driven or walked on.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for one dwelling, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 110 l

MATERIALS: LLDPE

REGULATIONS: 12050-2

CONNECTIONS

- Inputs DN 50/110
- Ventilation DN 50
- Horizontal or vertical G2" output

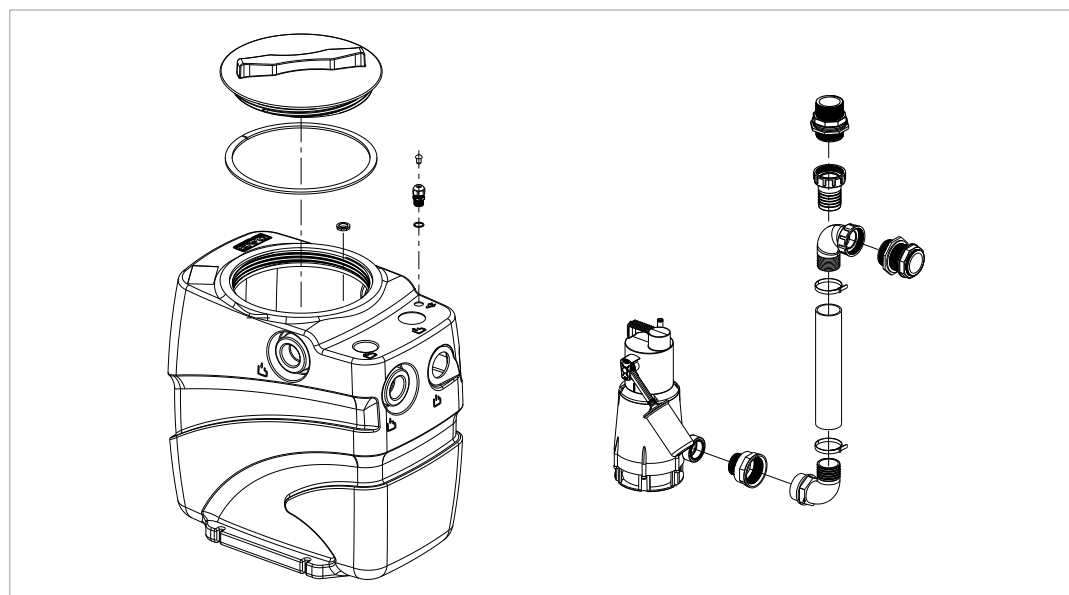
COMPONENTS INCLUDED:

- Complete pump installation kit (see pump installation image).
- Cable gland for individual pump
- 2" F x 1 x 1/4 M connector for FEKA 600

COMPONENTS NOT INCLUDED

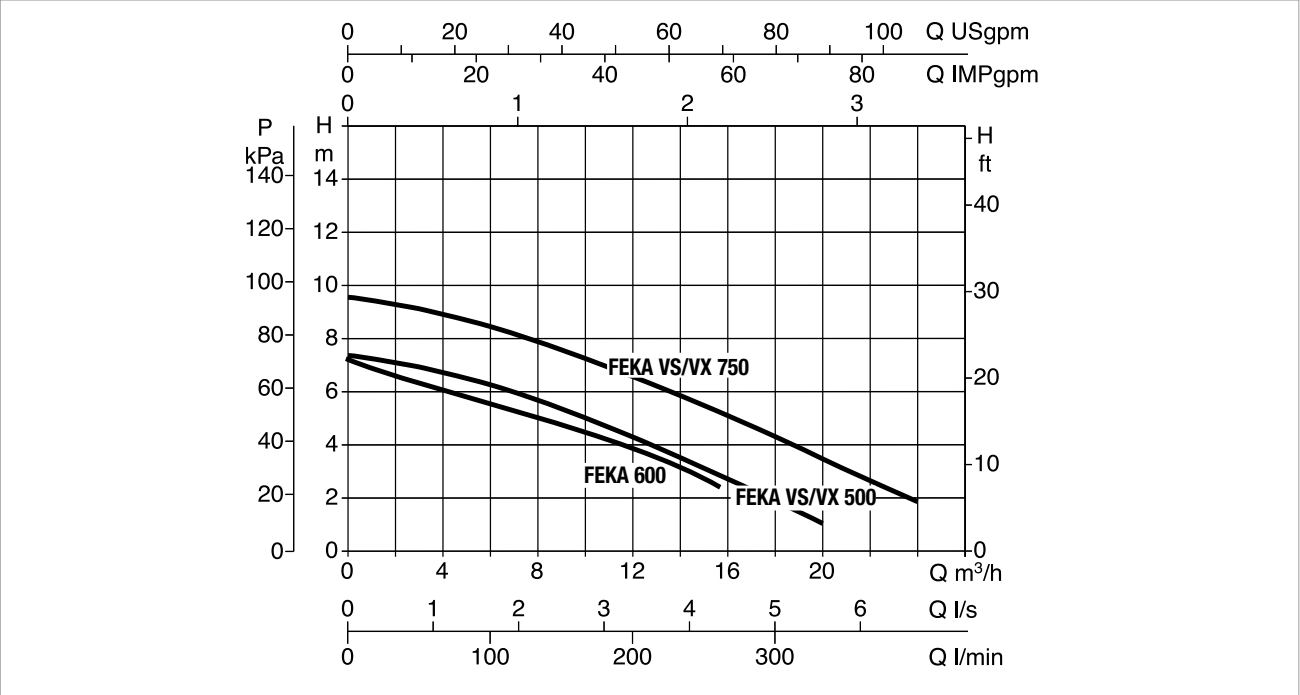
- Pump: to be selected according to the possible configurations.

PUMP INSTALLATION



FEKABOX 110 - AUTOMATIC WASTE WATER LIFTING AND COLLECTION STATIONS

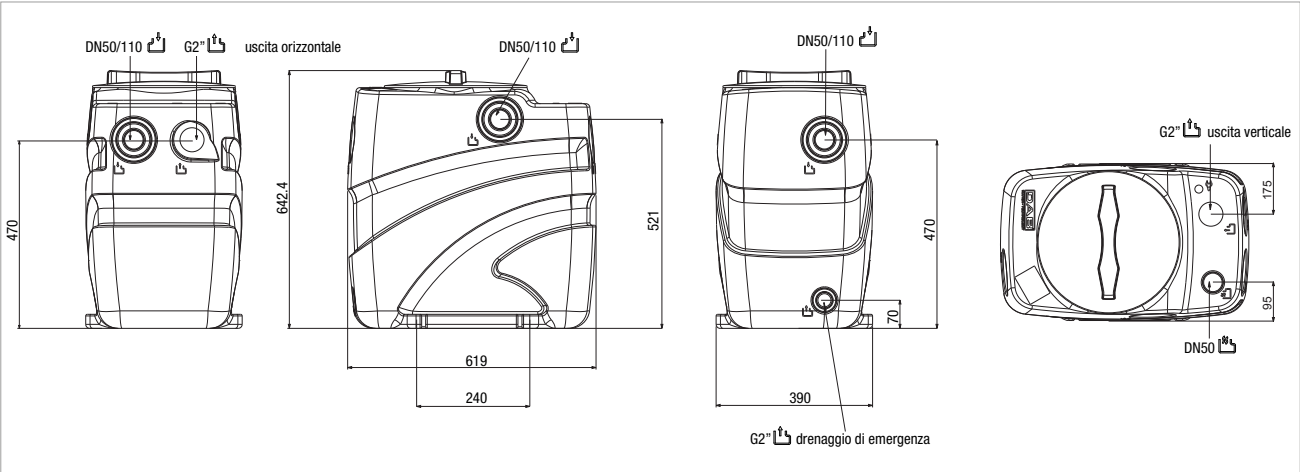
Liquid temperature range: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CONFIGURATIONS

PUMP MODEL	ELECTRICAL DATA				
	POWER INPUT 50 HZ	P1 MAX kW	P2 NOMINAL		In A
			kW	HP	
FEKA 600 M-A	1X220-240 V~	1	0.55	0.75	4.3
FEKA VS/VX 550 M-A	1X220 - 240 V~	0.9	0.55	0.75	4.2
FEKA VS/VX 750 M-A	1X220 - 240 V~	1.1	0.75	1	5.13



SIZES AND WEIGHTS

PACKING DIMENSIONS			WEIGHT Kg
L/A	L/B	H	
650	400	665	10.3

LEGEND:

- Emergency output or delivery piping connection
- Collection piping input
- Power and float cable output
- Ventilation pipe connection
- Recyclable material

FEKABOX 200

1 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range: from 1 to 24 m³/h with head up to 15 metres.

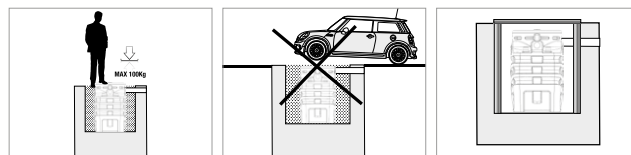
Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water.

Liquids compatible with EN12050 1/2.

Maximum temperature of liquid: 45 °C

Installation: Secured to the floor if inside a building. Underground if outside the building.

It cannot be driven on, but it can be walked on, maximum weight 100 kg.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for one or more dwellings, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 200 lt

MATERIALS: LLDPE

STANDARDS 12050-1

CONNECTIONS

- DN 50/110 inputs
- DN 50 ventilation
- G2" output

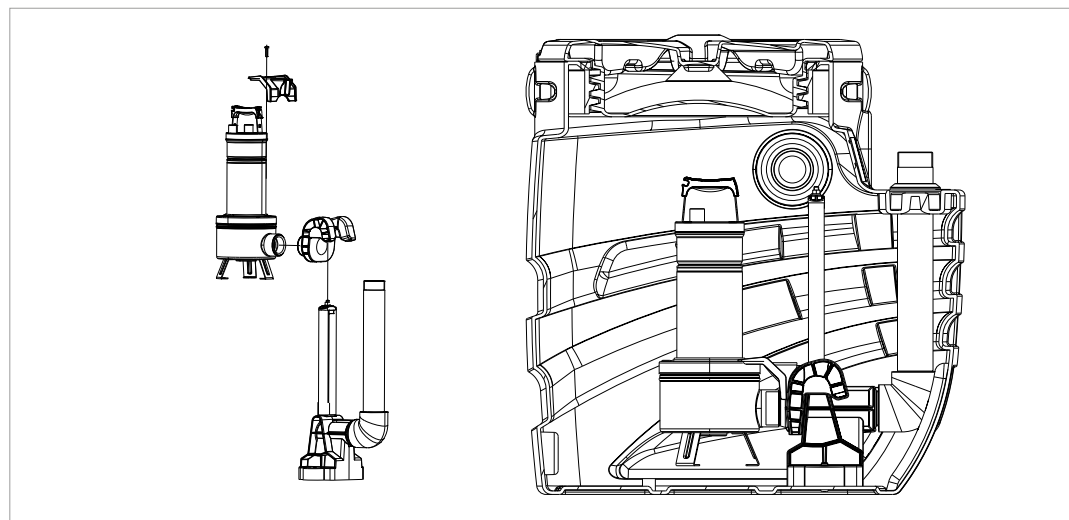
COMPONENTS INCLUDED:

- 2" PP lifting device and rotation prevention bracket for FEKA VS and VX
- Cable gland for individual pump
- 2" F x 1 x ¼ M connector for FEKA 600
- FEKA VS and VX float cable stop kit

COMPONENTS NOT INCLUDED

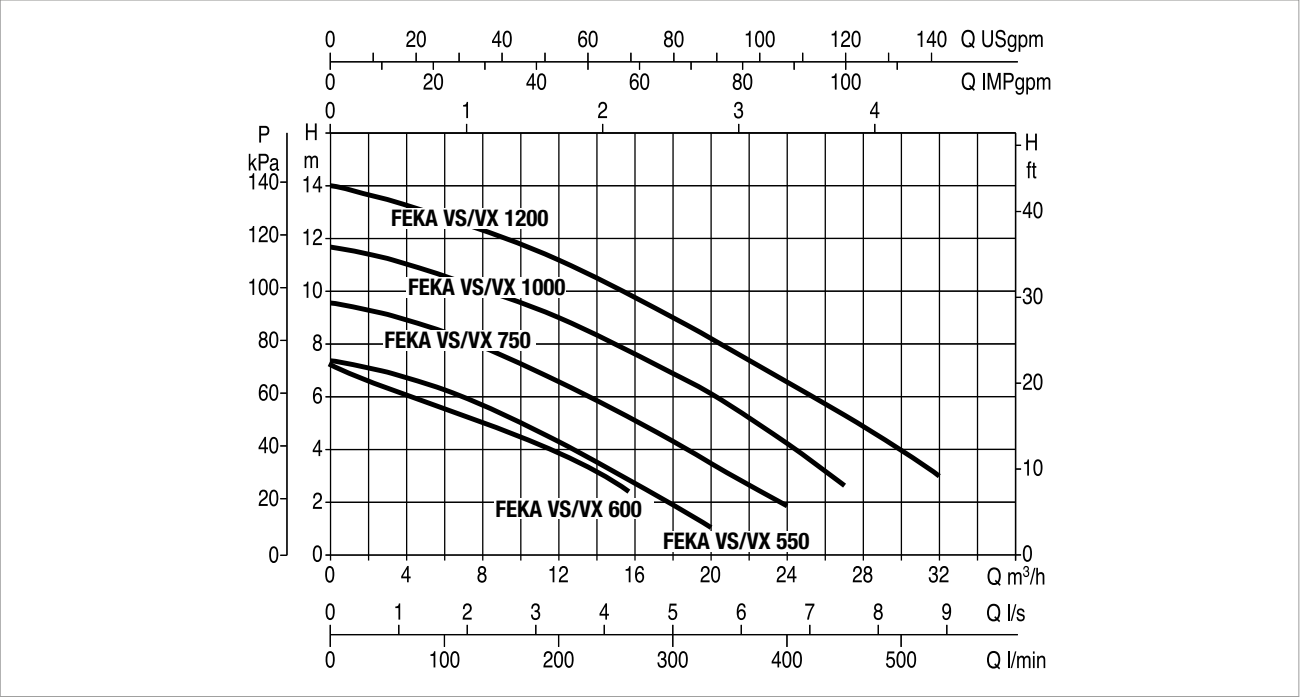
- Pump: to be selected according to the possible configurations
- Alarm float support

PUMP INSTALLATION



FEKABOX 200 - WASTE WATER AUTOMATIC COLLECTION AND LIFTING STATIONS

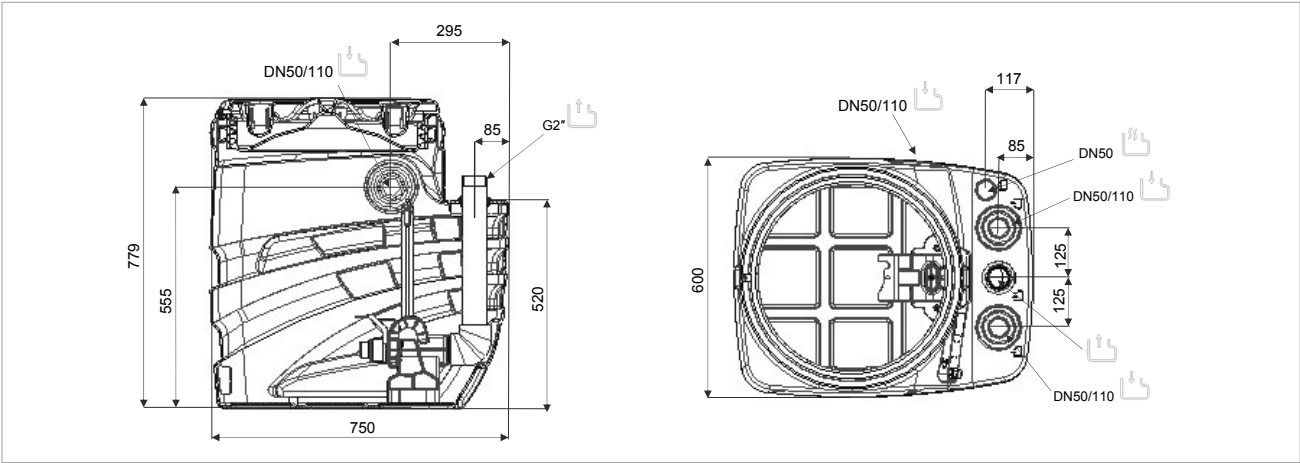
Maximum temperature of liquid: 45°C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CONFIGURATIONS

PUMP MODEL	ELECTRICAL DATA				
	POWER INPUT 50 HZ	P1 MAX kW	P2 NOMINAL		In A
			kW	HP	
FEKA 600 M-A	1X220-240 V~	1	0.55	0.75	4.3
FEKA VS/VX 550 M-A	1X220 - 240 V~	0.9	0.55	0.75	4.2
FEKA VS/VX 750 M-A	1X220 - 240 V~	1.1	0.75	1	5.13
FEKA VS/VX 1000 M-A	1X220 - 240 V~	1.4	1	1.36	6.63
FEKA VS/VX 1200 M-A	1X220 - 240 V~	1.9	1.2	1.6	8.63



SIZES AND WEIGHTS

PACKING DIMENSIONS			WEIGHT Kg
L/A	L/B	H	
750	600	779	23.2

LEGEND:

- Emergency output or delivery piping connection
- Collection piping input
- Power and float cable output
- Ventilation pipe connection
- Recyclable material

FEKAFOS 280

1 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range:

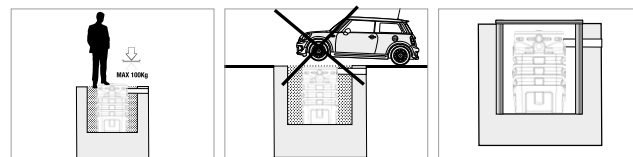
from 1 to 32 m³/h with head up to 23 metres.

Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water. Liquids compatible with EN12050 1/2.

Maximum temperature of liquid: 45 °C

Installation: Secured to the floor if inside a building. Underground if outside the building.

It cannot be driven on, but it can be walked on, maximum weight 100 kg.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for one or more dwellings, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 280 lt

MATERIALS: LLDPE

STANDARDS 12050-1

CONNECTIONS

- Inputs DN 50/110
- Ventilation DN 50
- G2" output

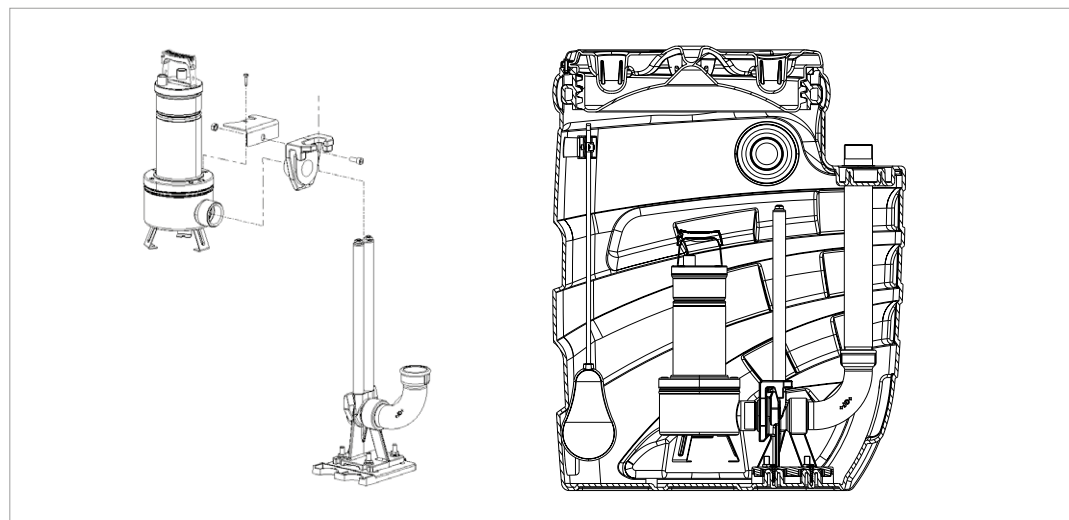
COMPONENTS INCLUDED:

- DSD2" lifting device and rotation prevention bracket for FEKA VS and VX
- 4 cable glands for single pump and floats
- 2" F x 1 x ¼ M connector for FEKA 600
- FEKA VS and VX float cable stop kit
- 2 floats and alarm float support

COMPONENTS NOT INCLUDED

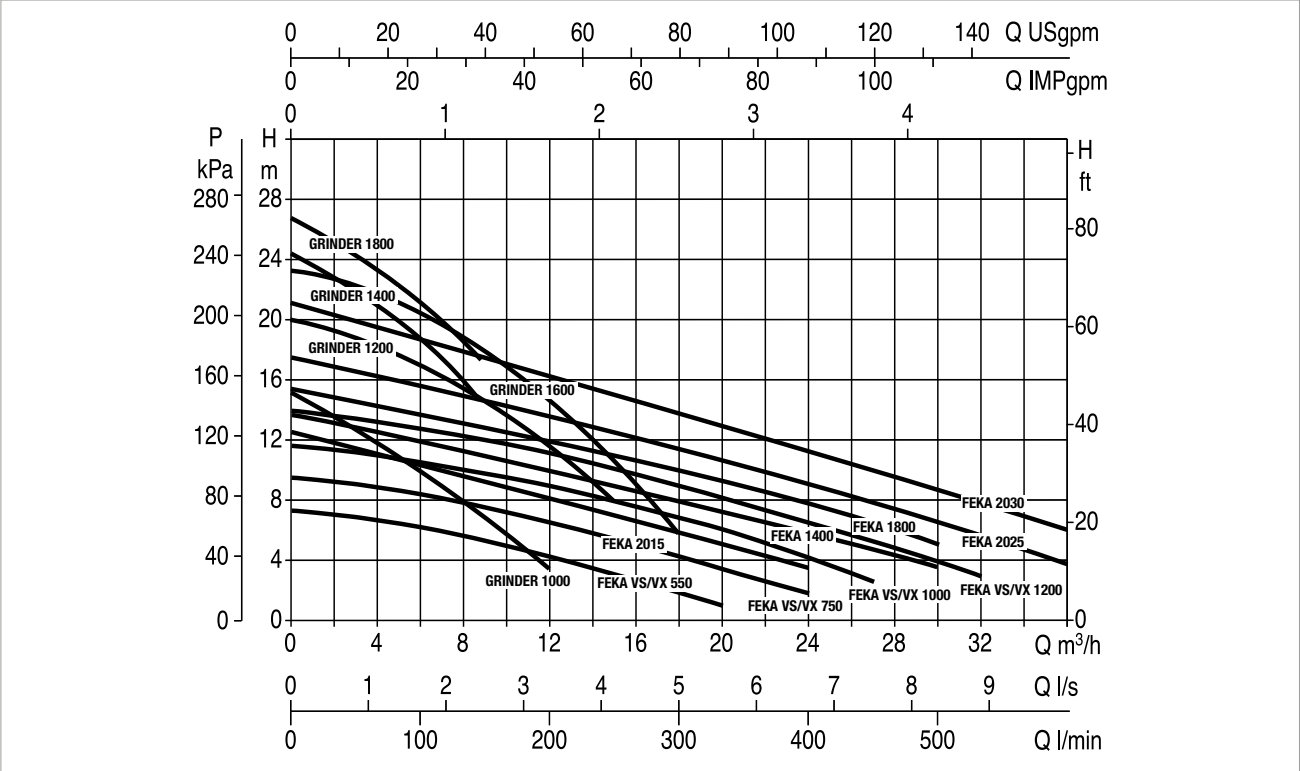
- Pump: to be selected according to the possible configurations
- Panel: to be selected according to the possible configurations
- Overflow alarm float

PUMP INSTALLATION



FEKAFOS 280 - WASTE WATER AUTOMATIC COLLECTION AND LIFTING STATIONS

Maximum temperature of liquid: 45°C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

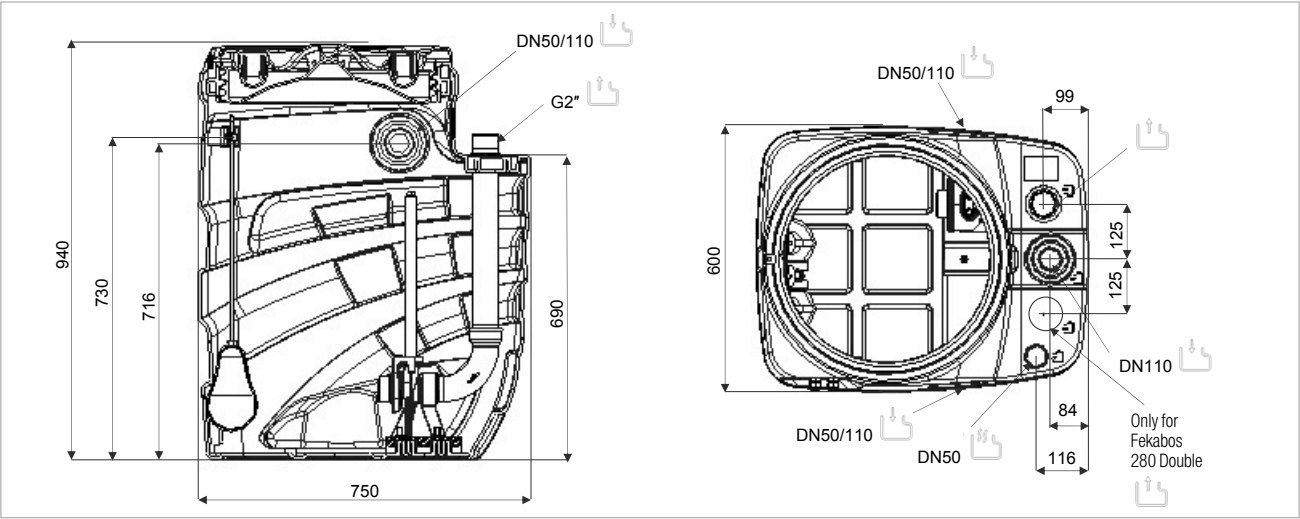
CONFIGURATIONS

MODEL PUMP	ELECTRICAL DATA					PANEL MATCHING
	POWER INPUT 50 HZ	P1 MAX kW	P2 NOMINAL		In A	
			kW	HP		
FEKA VS/VX 550 M-NA	1X220 - 240 V~	0,9	0,55	0,75	4,2	ED 1 M
FEKA VS/VX 550 T-NA	3X400 V~	0,9	0,55	0,75	1,64	ED 1 T
FEKA VS/VX 750 M-NA	1X220 - 240 V~	1,1	0,75	1	5,13	ED 1 M
FEKA VS/VX 750 T-NA	3X400 V~	1,1	0,75	1	1,94	ED 1 T
FEKA VS/VX 1000 M-NA	1X220 - 240 V~	1,4	1	1,36	6,63	ED 1,5 M
FEKA VS/VX 1000 T-NA	3X400 V~	1,4	1	1,36	2,51	ED 1,5 T
FEKA VS/VX 1200 M-NA	1X220 - 240 V~	1,9	1,2	1,6	8,63	ED 1,5 M
FEKA VS/VX 1200 T-NA	3X400 V~	1,9	1,2	1,6	3,44	ED 1,5 T
FEKA 1400 M	1X220 - 240 V~	1,8	1,1	1,5	8,5	ED 3 M 40 µF
FEKA 1800 T	3X400 V~	1,9	1,5	2,0	3,7	ED 1,5 T
FEKA 2015.2 MNA *	1X230 V~	1,6	1,1	1,5	8	ED 1,5 M
FEKA 2015.2 TNA *	3X400 V~	1,5	1,1	1,5	2,8	ED 2,5 T
FEKA 2025.2 TNA *	3X400 V~	2,2	1,8	2,4	4,1	ED 2,5 T
FEKA 2030.2 TNA *	3X400 V~	3,3	1,8	3	5,6	ED 2,5 T
GRINDER 1400 M	1X220 - 240 V~	1,9	1,1	1,5	8,7	ED 3 MHS
GRINDER 1800 T	3X400 V~	2	1,5	2,0	3,8	ED 1,5 T
GRINDER 1000 M-NA	1X220 - 240 V~	1,5	1	1,3	8	ED 1,5 M
GRINDER 1000 T	3X400 V~	1,6	1	1,3	2,8	ED 1,5 T
GRINDER 1200 M-NA	1X220 - 240 V~	2,8	1,5	2	12,7	ED 2 M
GRINDER 1200 T	3X400 V~	2,7	1,5	2	4,7	ED 2,5 T
GRINDER 1600 M-NA	1X220 - 240 V~	3,8	1,8	2,4	16,8	ED 2,4 M
GRINDER 1600 T	3X400 V~	3,3	1,8	2,4	5,8	ED 2,5 T

* To be used with the appropriate installation kit: FEKA2000 support kit for FEKAFOS, code 60174311.

FEKAFOS 280 - WASTE WATER AUTOMATIC COLLECTION AND LIFTING STATIONS

Maximum temperature of liquid: 45°C



SIZES AND WEIGHTS

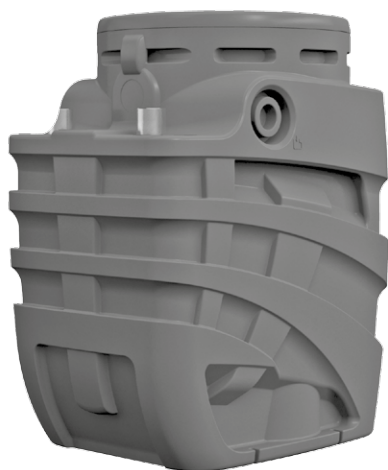
PACKING DIMENSIONS			WEIGHT Kg
L/A	L/B	H	
750	600	940	40.5

LEGEND:

- Emergency output or delivery piping connection
- Collection piping input
- Power and float cable output
- Ventilation pipe connection
- Recyclable material

FEKAFOS 280 DOUBLE

2 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range:

from 1 to 32 m³/h with head up to 23 metres.

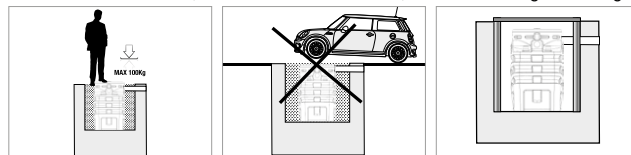
Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water.

Liquids compatible with EN12050 1/2.

Maximum temperature of liquid: 45°C

Installation: Secured to the floor if inside a building. Underground if outside the building.

It cannot be driven on, but it can be walked on, maximum weight 100 kg.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for one or more dwellings, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 280 lt

MATERIALS: LLDPE

STANDARDS 12050-1

CONNECTIONS

- DN 50/110 inputs
- DN 50 ventilation
- G2" output

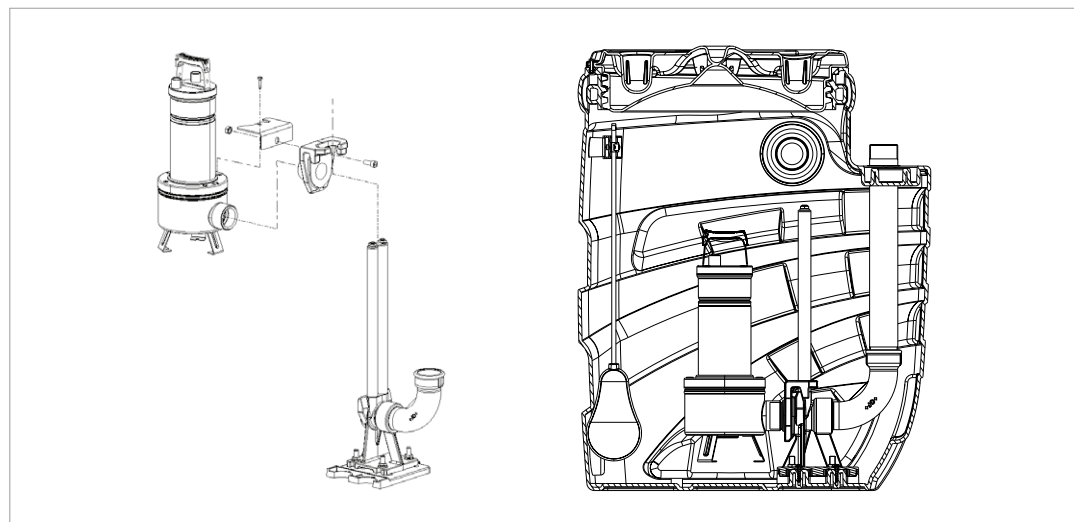
COMPONENTS INCLUDED:

- 2 DSD2" lifting devices and rotation prevention bracket for FEKA VS and VX
- 6 cable glands for double pump and floats
- 2 FEKA VS and VX float cable stop kits
- 3 floats and alarm float support

COMPONENTS NOT INCLUDED

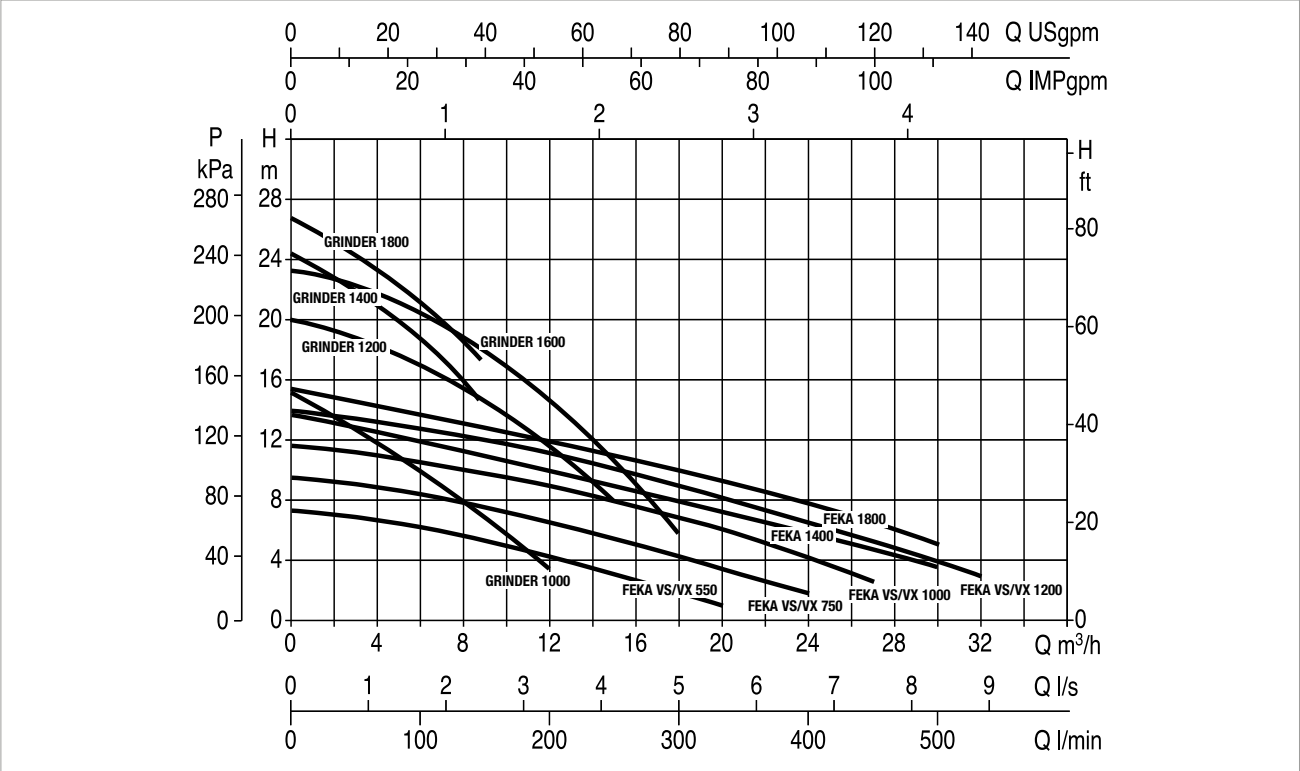
- Pump: to be selected according to the possible configurations
- Panel: to be selected according to the possible configurations
- Overflow alarm float

PUMP INSTALLATION



FEKAFOS 280 DOUBLE - WASTE WATER AUTOMATIC COLLECTION AND LIFTING STATIONS

Maximum temperature of liquid: 45°C



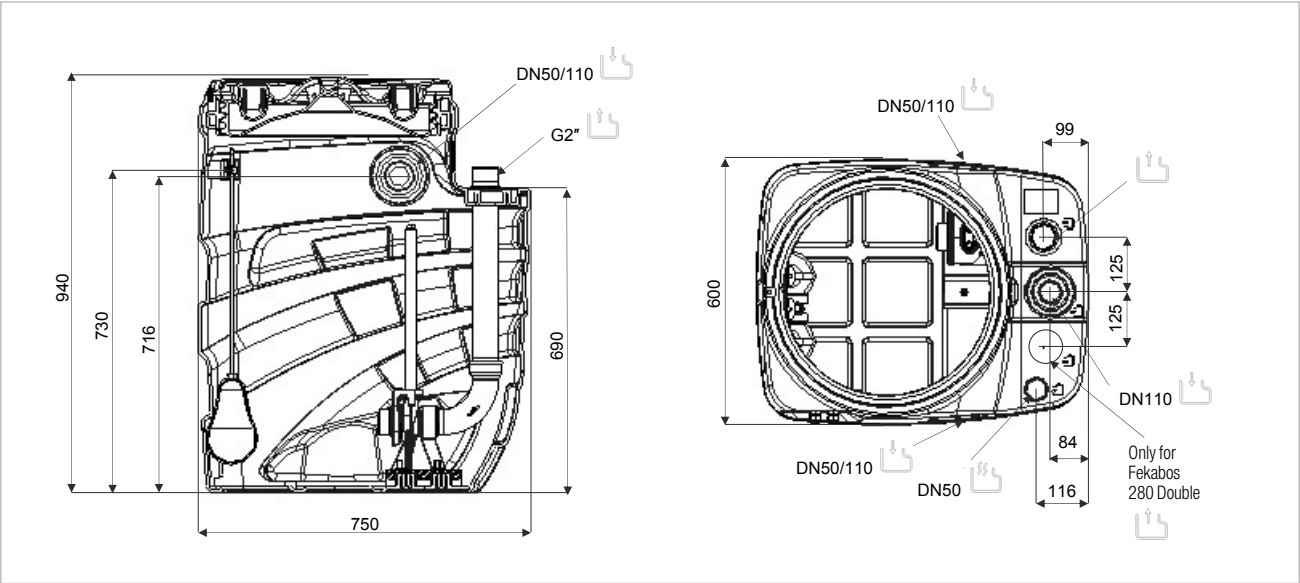
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CONFIGURATIONS

PUMP MODEL	ELECTRICAL DATA					PANEL MATCHING		
	POWER INPUT 50 HZ	P1 MAX kW	P2 NOMINAL		In A	E2D	E.BOX BASIC / E.BOX BASIC D	E.BOX PLUS / E.BOX PLUS D
			kW	HP				
FEKA VS/VX 550 M-NA	1X220 - 240 V~	0,9	0,55	0,75	4,2	E2D 2 M	.	.
FEKA VS/VX 550 T-NA	3X400 V~	0,9	0,55	0,75	1,64	E2D 2 T		.
FEKA VS/VX 750 M-NA	1X220 - 240 V~	1,1	0,75	1	5,13	E2D 2 M	.	.
FEKA VS/VX 750 T-NA	3X400 V~	1,1	0,75	1	1,94	E2D 2 T		.
FEKA VS/VX 1000 M-NA	1X220 - 240 V~	1,4	1	1,36	6,63	E2D 3 M	.	.
FEKA VS/VX 1000 T-NA	3X400 V~	1,4	1	1,36	2,51	E2D 3 T		.
FEKA VS/VX 1200 M-NA	1X220 - 240 V~	1,9	1,2	1,6	8,63	E2D 3 M	.	.
FEKA VS/VX 1200 T-NA	3X400 V~	1,9	1,2	1,6	3,44	E2D 3 T		.
FEKA 1400 M	1X220 - 240 V~	1,8	1,1	1,5	8,5	E2D 6 M 40 uF	.	.
FEKA 1800 T	3X400 V~	1,9	1,5	2,0	3,7	E2D 3 T		.
GRINDER 1400 M	1X220 - 240 V~	1,9	1,1	1,5	8,7	E2D 6 M HS	.	
GRINDER 1800 T	3X400 V~	2	1,5	2,0	3,8	E2D 3 T		.
GRINDER 1000 M-NA	1X220 - 240 V~	1,5	1	1,3	8	E2D 3 M	.	.
GRINDER 1000 T	3X400 V~	1,6	1	1,3	2,8	E2D 3 T		.
GRINDER 1200 M-NA	1X220 - 240 V~	2,8	1,5	2	12,7	E2D 4 M	.	.
GRINDER 1200 T	3X400 V~	2,7	1,5	2	4,7	E2D 5 T		.
GRINDER 1600 M-NA	1X220 - 240 V~	3,8	1,8	2,4	16,8	E2D 4,8 M	.	.
GRINDER 1600 T	3X400 V~	3,3	1,8	2,4	5,8	E2D 5 T		.

FEKAFOS 280 DOUBLE - WASTE WATER AUTOMATIC COLLECTION AND LIFTING STATIONS

Maximum temperature of liquid: 45°C



SIZES AND WEIGHTS

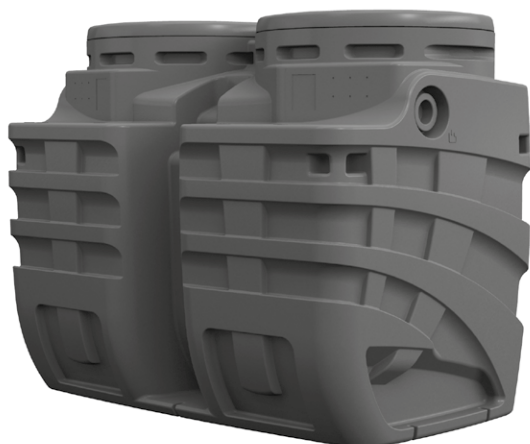
PACKING DIMENSIONS			WEIGHT Kg
L/A	L/B	H	
750	600	940	53.7

LEGEND:

-  Emergency output or delivery piping connection
-  Collection piping input
-  Power and float cable output
-  Ventilation pipe connection
-  Recyclable material

FEKAFOS 550 DOUBLE

2 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range:

from 1 to 32 m³/h with head up to 23 metres.

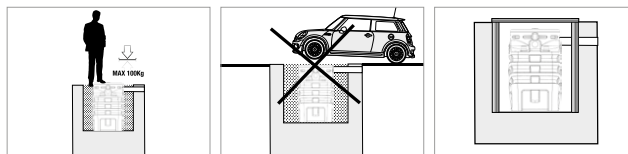
Liquid temperature range: + 45° C

Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water.

Liquids compatible with EN12050 1/2.

Installation: Secured to the floor if inside a building. Underground if outside the building.

It cannot be driven on, but it can be walked on, maximum weight 100 kg.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for one or more dwellings, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 550 lt

MATERIALS: LLDPE

REGULATIONS: 12050-1

CONNECTIONS

- Inputs DN 50/110
- Ventilation DN 50
- G2" output

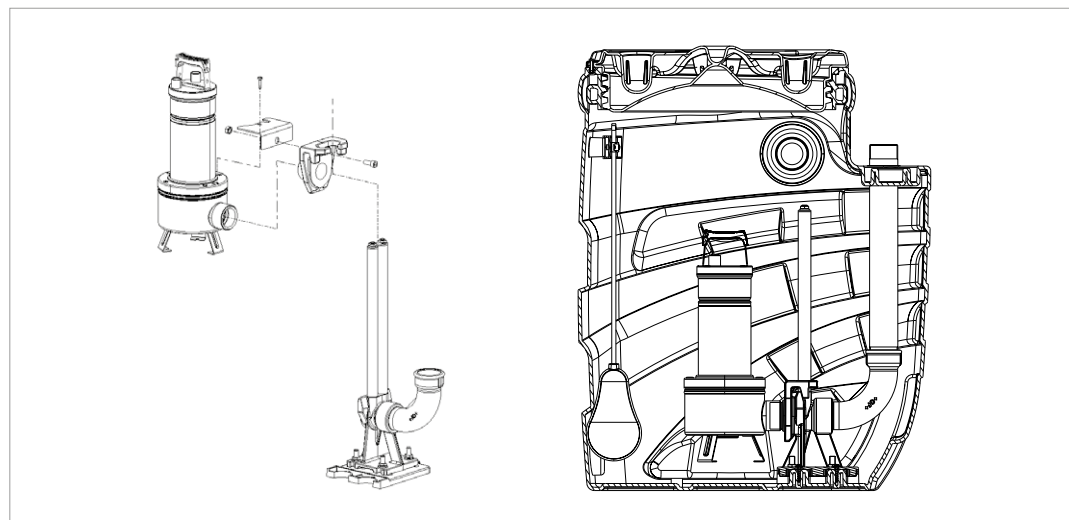
COMPONENTS INCLUDED:

- 2 DSD2" lifting devices and rotation prevention bracket for FEKA VS and VX
- 6 cable glands for double pump and floats
- 2 FEKA VS and VX float cable stop kits
- 3 floats and alarm float support

COMPONENTS NOT INCLUDED

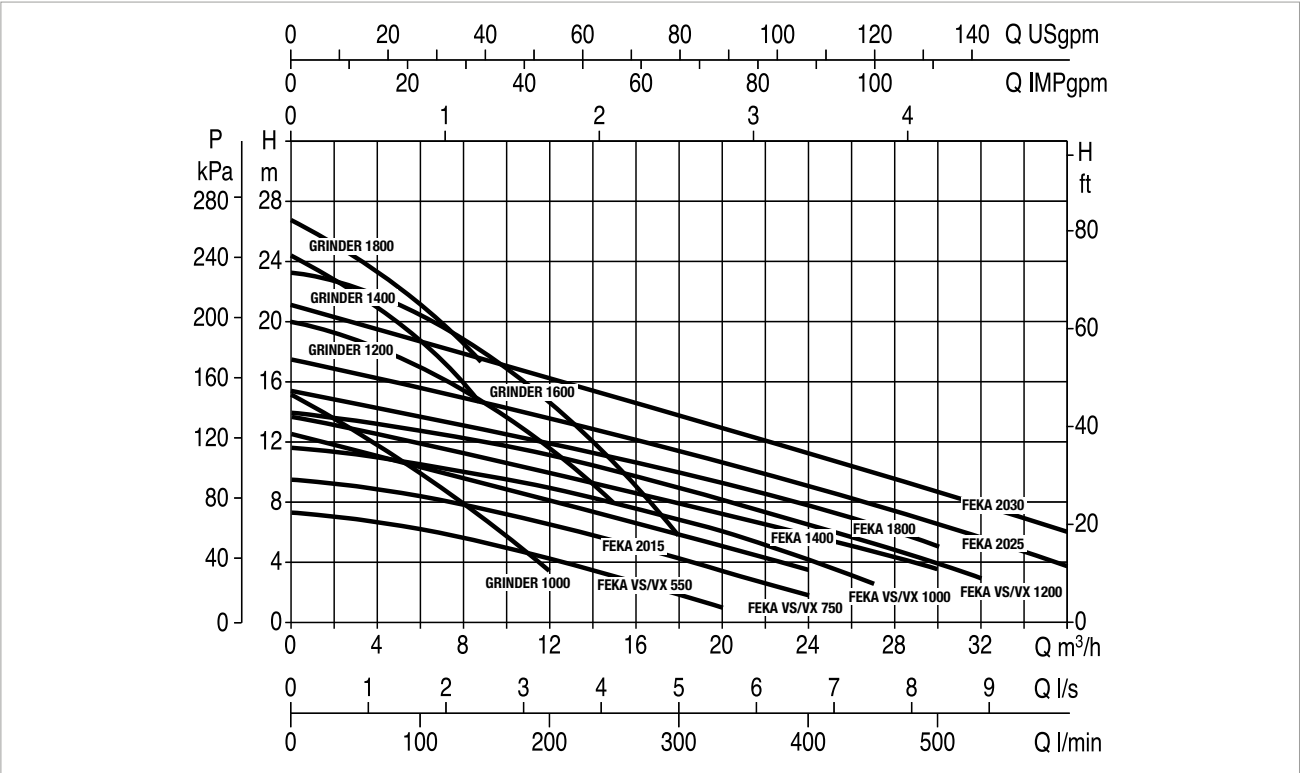
- Pump: to be selected according to the possible configurations.
- Panel: to be selected according to the possible configurations
- Overflow alarm float

PUMP INSTALLATION



FEKAFOS 550 DOUBLE - AUTOMATIC WASTE WATER LIFTING AND COLLECTION STATIONS

Liquid temperature range: +45 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

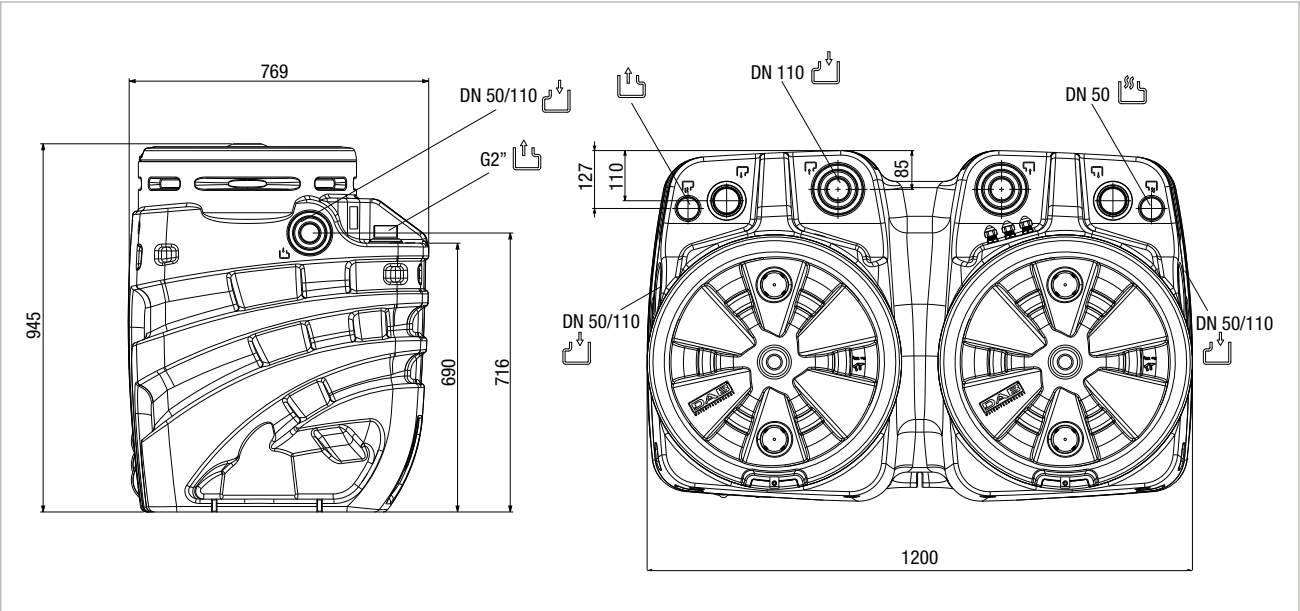
CONFIGURATIONS

MODEL PUMP	ELECTRICAL DATA					PANEL MATCHING		
	POWER INPUT 50 HZ	P1 MAX kW	P2 NOMINAL		In A	E2D	E.BOX BASIC / E.BOX BASIC D	E.BOX PLUS / E.BOX PLUS D
FEKA VS/VX 550 M-NA	1X220 - 240 V~	0,9	0,55	0,75	4,2	E2D 2 M	.	.
FEKA VS/VX 550 T-NA	3X400 V~	0,9	0,55	0,75	1,64	E2D 2 T		.
FEKA VS/VX 750 M-NA	1X220 - 240 V~	1,1	0,75	1	5,13	E2D 2 M	.	.
FEKA VS/VX 750 T-NA	3X400 V~	1,1	0,75	1	1,94	E2D 2 T		.
FEKA VS/VX 1000 M-NA	1X220 - 240 V~	1,4	1	1,36	6,63	E2D 3 M	.	.
FEKA VS/VX 1000 T-NA	3X400 V~	1,4	1	1,36	2,51	E2D 3 T		.
FEKA VS/VX 1200 M-NA	1X220 - 240 V~	1,9	1,2	1,6	8,63	E2D 3 M	.	.
FEKA VS/VX 1200 T-NA	3X400 V~	1,9	1,2	1,6	3,44	E2D 3 T		.
FEKA 1400 M	1X220 - 240 V~	1,8	1,1	1,5	8,5	E2D 6 M 40 uF	.	.
FEKA 2015.2 MNA*	1X230 V~	1,6	1,1	1,5	8	E2D 3 M	.	.
FEKA 2015.2 TNA *	3X400 V~	1,5	1,1	1,5	2,8	E2D 5 T		.
FEKA 2025.2 TNA*	3X400 V~	2,2	1,8	2,4	4,1	E2D 5 T		.
FEKA 2030.2 TNA*	3X400 V~	3,3	1,8	3	5,6	E2D 5 T		.
FEKA 1800 T	3X400 V~	1,9	1,5	2,0	3,7	E2D 3 T		.
GRINDER 1400 M	1X220 - 240 V~	1,9	1,1	1,5	8,7	E2D 6 M HS	.	
GRINDER 1800 T	3X400 V~	2	1,5	2,0	3,8	E2D 3 T		.
GRINDER 1000 M-NA	1X220 - 240 V~	1,5	1	1,3	8	E2D 3 M	.	.
GRINDER 1000 T	3X400 V~	1,6	1	1,3	2,8	E2D 3 T		.
GRINDER 1200 M-NA	1X220 - 240 V~	2,8	1,5	2	12,7	E2D 4 M	.	.
GRINDER 1200 T	3X400 V~	2,7	1,5	2	4,7	E2D 5 T		.
GRINDER 1600 M-NA	1X220 - 240 V~	3,8	1,8	2,4	16,8	E2D 4,8 M	.	.
GRINDER 1600 T	3X400 V~	3,3	1,8	2,4	5,8	E2D 5 T		.

* To be used with the appropriate installation kit: FEKA2000 support kit for FEKAFOS 550 DOUBLE, code 60174813.

FEKAFOS 550 DOUBLE - AUTOMATIC WASTE WATER LIFTING AND COLLECTION STATIONS

Liquid temperature range: +45 °C



SIZES AND WEIGHTS

PACKING DIMENSIONS			WEIGHT Kg
L/A	L/B	H	
790	1220	965	74

LEGEND:

- Emergency output or delivery piping connection
- Collection piping input
- Power and float cable output
- Ventilation pipe connection
- Recyclable material

FEKAFOS 1200 - 2000 - 3800

2 PUMP AUTOMATIC LIFTING STATIONS



TECHNICAL DATA

Operating range:

from 1 to 48 m³/h with head up to 23 metres.

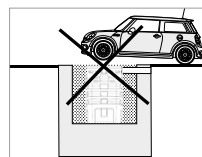
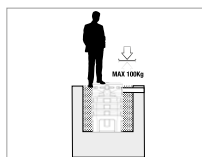
Liquid temperature range: + 55° C.

Pumped liquid: ground water, rain water, clear waste water, grey waste water, and river or lake water.

Installation: Installed underground outside the building.

It cannot be driven on, but it can be walked on, maximum weight 100 kg.

See the installation information in the technical appendix.



APPLICATIONS

Pumping stations suitable for the collection and redirection to the sewer network, of domestic drain water (waste, dirty, rain), of basements and garages, for several dwellings, when the sewer network cannot be reached due to gravity issues.

CONSTRUCTION FEATURES

CAPACITY: 1200/2000/3800 l

MATERIALS: POLYETHYLENE

CONNECTIONS

- DN 160 input.
- Ventilation DN 50
- 2" or 2 1/2" output.

COMPONENTS INCLUDED:

- 2 DN 50 or DN 65 lifting devices.
(DN 80 available on request with a dedicated tank configuration).
- 3 bulb float.
- DN 160 size T input manifold.
- 2" or 2 1/2" output manifold.
- Safety grid and cover suitable to be walked on. Maximum weight 100 kg.

COMPONENTS NOT INCLUDED

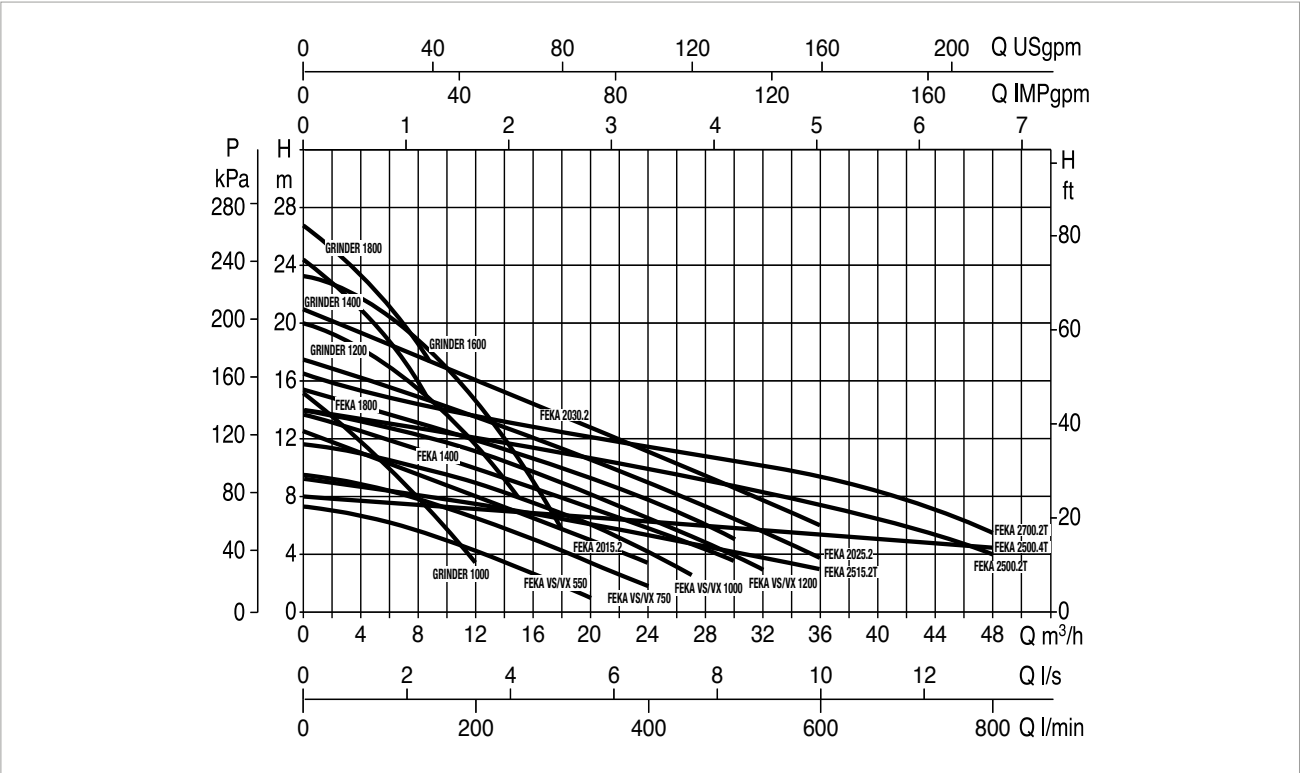
- Pump: to be selected according to the possible configurations.
- Alarm float available on request.
- Ball check valves installed on the inside. To enable correct and easy maintenance of the same, there is the possibility of ordering a separate polyethylene well with 2 check valves, and 2 gate valves ready for configuration with the Fekafos tank. (see Accessories).
- The height of the input of the tank can be adjusted thanks to a 300 mm elevation to be specified with the order (see Accessories).

PUMP INSTALLATION



FEKAFOS 1200-2000-3800 - AUTOMATIC WASTE WATER LIFTING AND COLLECTION STATIONS

Liquid temperature range: +55 °C



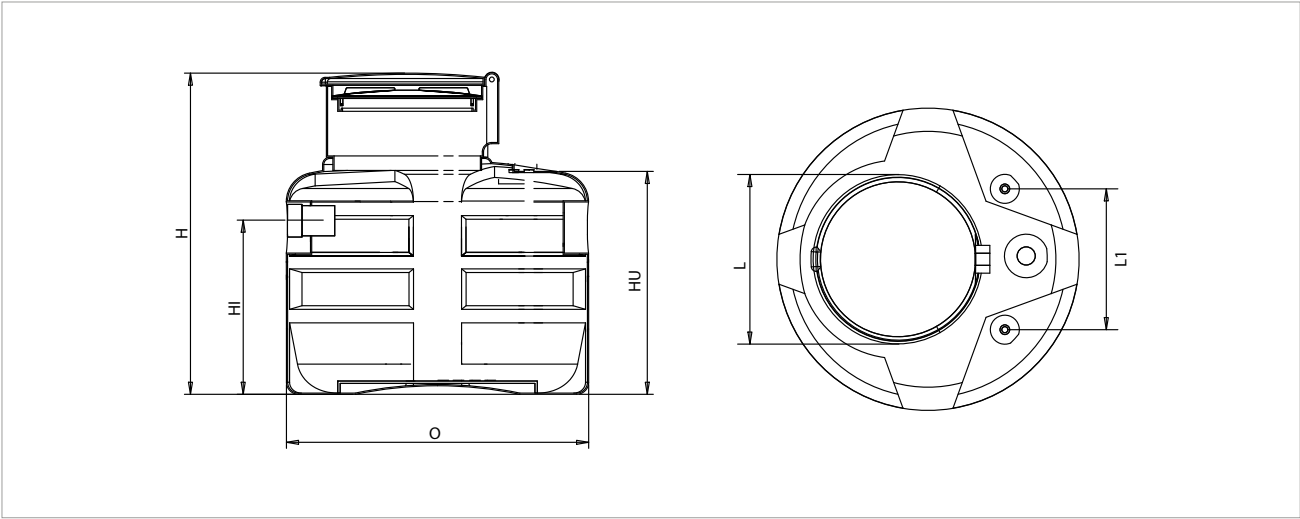
The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

CONFIGURATIONS

MODEL PUMP	ELECTRICAL DATA					PANEL MATCHING		
	POWER INPUT 50 HZ	P1 MAX KW	P2 NOMINAL		In A	E2D	E.BOX BASIC / E.BOX BASIC D	E.BOX PLUS / E.BOX PLUS D
FEKA VS/VX 550 M-NA	1X220 - 240 V~	0,9	0,55	0,75	4,2	E2D 2 M	•	•
FEKA VS/VX 550 T-NA	3X400 V~	0,9	0,55	0,75	1,64	E2D 2 T		•
FEKA VS/VX 750 M-NA	1X220 - 240 V~	1,1	0,75	1	5,13	E2D 2 M	•	•
FEKA VS/VX 750 T-NA	3X400 V~	1,1	0,75	1	1,94	E2D 2 T		•
FEKA VS/VX 1000 M-NA	1X220 - 240 V~	1,4	1	1,36	6,63	E2D 3 M	•	•
FEKA VS/VX 1000 T-NA	3X400 V~	1,4	1	1,36	2,51	E2D 3 T		•
FEKA VS/VX 1200 M-NA	1X220 - 240 V~	1,9	1,2	1,6	8,63	E2D 3 M	•	•
FEKA VS/VX 1200 T-NA	3X400 V~	1,9	1,2	1,6	3,44	E2D 3 T		•
FEKA 1400 M	1X220 - 240 V~	1,8	1,1	1,5	8,5	E2D 6 M 40 µF	•	•
FEKA 1800 T	3X400 V~	1,9	1,5	2,0	3,7	E2D 3 T		•
GRINDER 1400 M	1X220 - 240 V~	1,9	1,1	1,5	8,7	E2D 6 M HS	•	
GRINDER 1800 T	3X400 V~	2	1,5	2,0	3,8	E2D 3 T		•
GRINDER 1000 M-NA	1X220 - 240 V~	1,5	1	1,3	8	E2D 3 M	•	•
GRINDER 1000 T	3X400 V~	1,6	1	1,3	2,8	E2D 3 T		•
GRINDER 1200 M-NA	1X220 - 240 V~	2,8	1,5	2	12,7	E2D 4 M	•	•
GRINDER 1200 T	3X400 V~	2,7	1,5	2	4,7	E2D 5 T		•
GRINDER 1600 M-NA	1X220 - 240 V~	3,8	1,8	2,4	16,8	E2D 4,8 M	•	•
GRINDER 1600 T	3X400 V~	3,3	1,8	2,4	5,8	E2D 5 T		•
FEKA 2015.2 M-NA	1X230 V~	1,6	1,1	1,5	8	E2D 2,6 M	•	•
FEKA 2015.2 T-NA	3X400 V~	1,5	1,1	1,5	2,8	E2D 3 T		•
FEKA 2025.2 T-NA	3X400 V~	2,2	1,8	2,4	4,1	E2D 5 T		•
FEKA 2030.2 T-NA	3X400 V~	3,3	2,2	3	5,6	E2D 5 T		•
FEKA 2500.4T	3X400 V~	2,8	1,4	1,9	4,9	E2D 5 T		•
FEKA 2515.2T	3X400 V~	1,9	1,1	1,5	3,3	E2D 3 T		•
FEKA 2500.2T	3X400 V~	2,8	1,8	2,4	4,7	E2D 5 T		•
FEKA 2700.2T	3X400 V~	3	2,18	2,9	5,7	E2D 5 T		•

FEKAFOS 1200-2000-3800 - AUTOMATIC WASTE WATER LIFTING AND COLLECTION STATIONS

Liquid temperature range: +55 °C



SIZES AND WEIGHTS

MODEL	H	HI	HU	Ø	L	L1	WEIGHT kg
FEKAFOS 1200 CP 2"	1420	730	1050	1250	680	520	110
FEKAFOS 1200 CP DN 65							
FEKAFOS 2000 CP 2"	2300	1620	1930	1250	680	520	150
FEKAFOS 2000 CP DN 65							
FEKAFOS 3800 CP 2"	1860	1270	1490	1800	680	600	170
FEKAFOS 3800 CP DN 65							