



GEO 230

Construction

High-density polyethylene tank, resistant to corrosion, with minimum overall dimensions.

- **GEO 230** single tank with 230 liter nominal capacity. Suitable for the installation of one pump GM 10, GX or GM series.
- **GEO 500** double tank with 500 liter nominal capacity. Suitable for the installation of one or two pumps (double version) GM 10, GX or GM series.

Suitable for PVC pipes connection.
 On demand: pipe kit for electropump connection.
 Two possible installation, at ground level or underground.
 For underground installation, extensions can be used.
 Easy pump access through a cover fixed with screws.

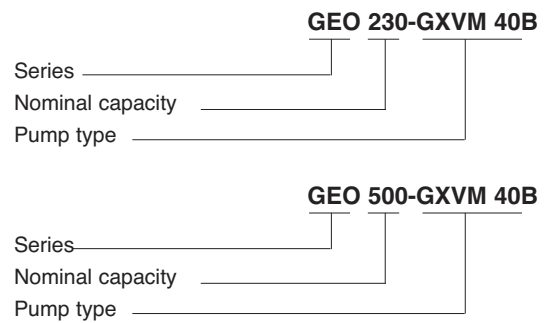
Applications

Automatic waste water collecting and lifting stations, to handle domestic, civil and industrial waste water.
 For collecting and lifting clean waste water and rain water.
 For flood drainage.



GEO 500

Designation



Installation with pumps

**GEO 230-GM10
 GEO 500-GM10**



**GEO 230-GX..
 GEO 500-GX..**



**GEO 230-GX..
 GEO 500-GX..**



**GEO 230-GM..
 GEO 500-GM..**



Characteristics

Type	1 ~		Q max m³/h	H max m
	kW	A		
GEO 230-GM10	0,3	1,75	12	6,5
GEO 230-GXVM 6	0,25	2,5	10,2	5,7
GEO 230-GXVM 8	0,37	3,5	12	7,8
GEO 230-GXVM 10	0,45	4,5	13,2	9,5
GEO 230-GXRM 9	0,25	2,5	10,2	8,3
GEO 230-GXRM 11	0,37	3,5	12	10,4
GEO 230-GXRM 13	0,45	4,5	13,2	11,7
GEO 230-GMGM 6-40E/A	1,1	7,5	13	6
GEO 230-GMGM 6-40D/A	1,1	7,5	15	9
GEO 230-GMGM 6-40C	1,1	7,5	16	15,5
GEO 230-GMGM 6-40B	1,1	7,5	14	19,5
GEO 230-GMGM 6-40A	1,8	10	16	23,5
GEO 230-GXCM 40B	0,55	4,6	21	9
GEO 230-GXCM 40A	0,9	6,3	26	11,6
GEO 230-GXVM 40B	0,55	4,6	15	6,7
GEO 230-GXVM 40A	0,9	6,3	21	8,5
GEO 230-GMCM 50-65C	0,75	4,5	36	9,5
GEO 230-GMCM 50-65B	1,1	6,5	42	12,5
GEO 230-GMVM 50-65C	0,75	4,5	31	8
GEO 230-GMVM 50-65B	1,1	6,5	35	9,5

Type	1 ~		Q max*	H max m
	kW	A		
GEO 500-GM10	0,3	1,75	12	6,5
GEO 500-GXVM 6	0,25	2,5	10,2	5,7
GEO 500-GXVM 8	0,37	3,5	12	7,8
GEO 500-GXVM 10	0,45	4,5	13,2	9,5
GEO 500-GXRM 9	0,25	2,5	10,2	8,3
GEO 500-GXRM 11	0,37	3,5	12	10,4
GEO 500-GXRM 13	0,45	4,5	13,2	11,7
GEO 500-GMGM 6-40E/A	1,1	7,5	13	6
GEO 500-GMGM 6-40D/A	1,1	7,5	15	9
GEO 500-GMGM 6-40C	1,1	7,5	16	15,5
GEO 500-GMGM 6-40B	1,1	7,5	14	19,5
GEO 500-GMGM 6-40A	1,8	10	16	23,5
GEO 500-GXCM 40B	0,55	4,6	21	9
GEO 500-GXCM 40A	0,9	6,3	26	11,6
GEO 500-GXVM 40B	0,55	4,6	15	6,7
GEO 500-GXVM 40A	0,9	6,3	21	8,5
GEO 500-GMCM 50-65C	0,75	4,5	36	9,5
GEO 500-GMCM 50-65B	1,1	6,5	42	12,5
GEO 500-GMVM 50-65C	0,75	4,5	31	8
GEO 500-GMVM 50-65B	1,1	6,5	35	9,5

* Flow with one pump



GM 10

Submersible drainage pump constructed from composite polymers, with shaft of chrome steel AISI 430.

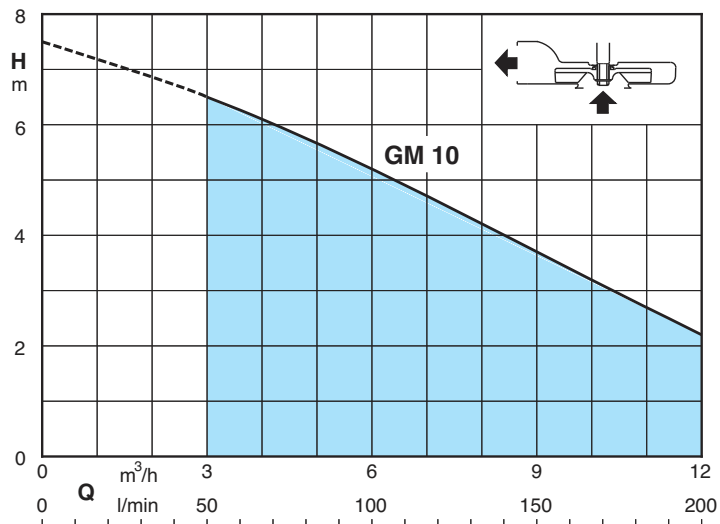
Liquid temperature up to 30 °C

2-pole induction motor, 50Hz (n = 2900 rpm).

Single-phase 230 V +/-10% with thermal protector and float switch for automatic operation.

5 m cable and control box with capacitor.

On demand: pipes kit for installation.



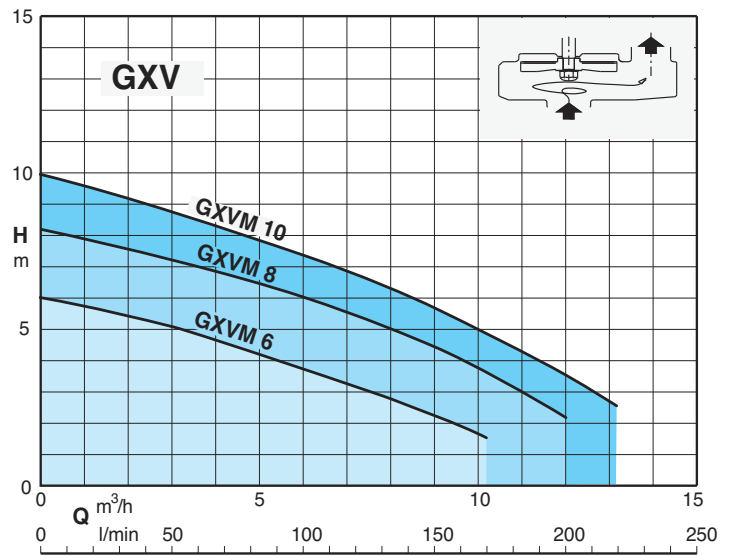
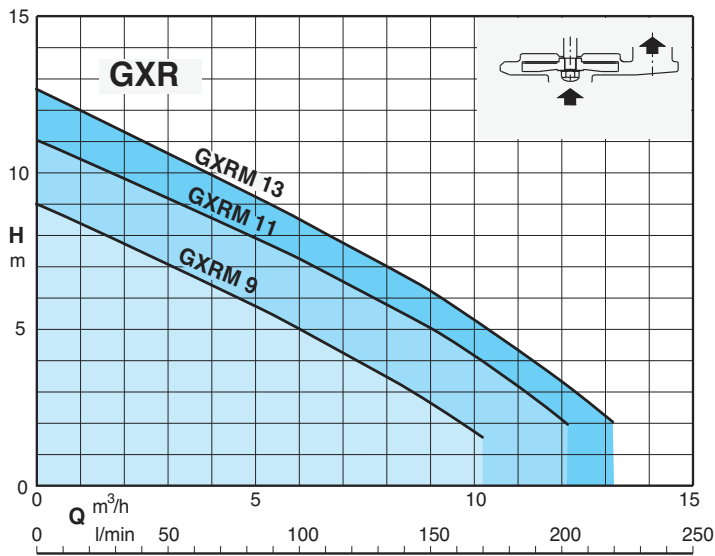
Pumps characteristics



GX

Submersible drainage pump in chrome-nickel stainless steel, with vertical delivery port. Handle in polypropylene.
 GXR: with open impeller
 GXV: with free-flow (vortex) impeller
 Liquid temperature up to 40 °C
 2-pole induction motor, 50Hz (n = 2900 rpm),
 Single-phase 230 V +/-10% with float switch and thermal protector. Incorporated capacitor.
 Cable length 5 m.

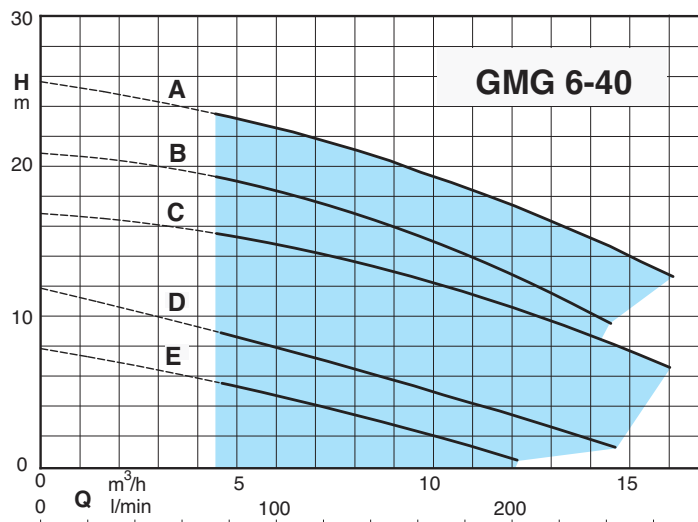
On demand: pipes kit for installation.



GMG

Submersible pumps with high power grinder.
 Liquid temperature up to 40 °C
 2-pole induction motor, 50Hz (n = 2900 rpm).
 Single-phase 230 V +/-10% with thermal protector and float switch for automatic operation.
 10 m cable and control box with capacitor.

On demand: pipes kit for installation.



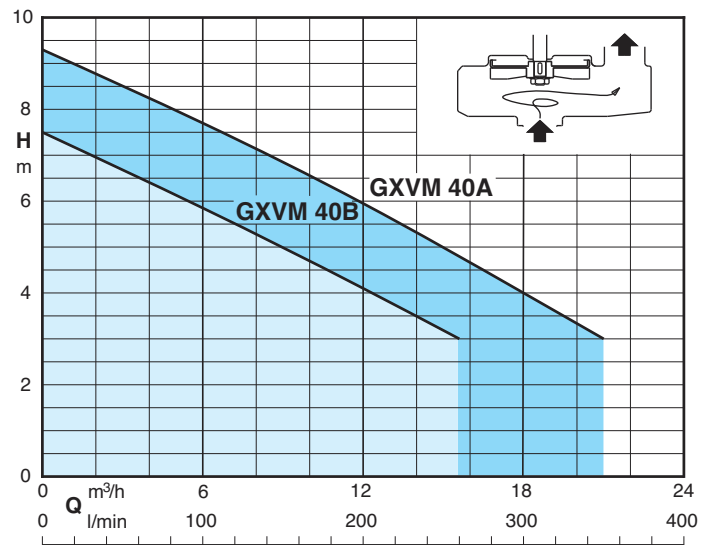
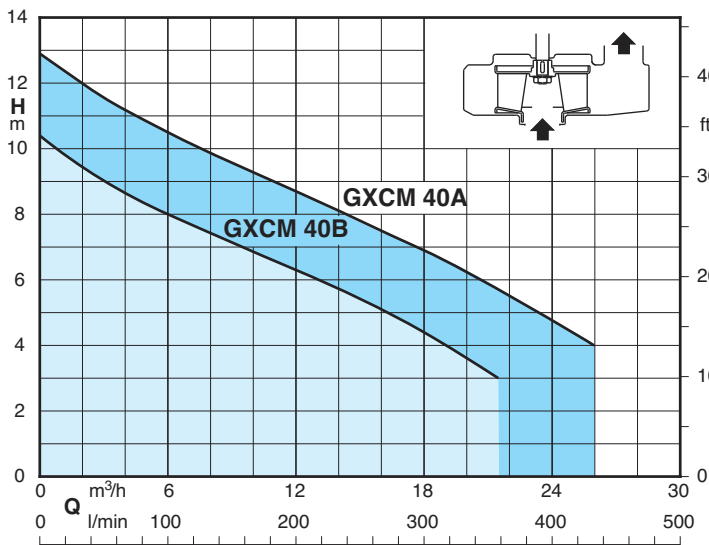
Pumps characteristics



GX

Submersible sewage and drainage pumps in chrome-nickel stainless steel, with vertical delivery port.
 GXC: with twin passage impeller
 GXV: with free-flow (vortex) impeller
 Liquid temperature up to 35 °C
 2-pole induction motor, 50Hz (n = 2900 rpm), single-phase 230 V +/-10%, with thermal protector and float switch for automatic operation.
 10 m cable and control box with capacitor.

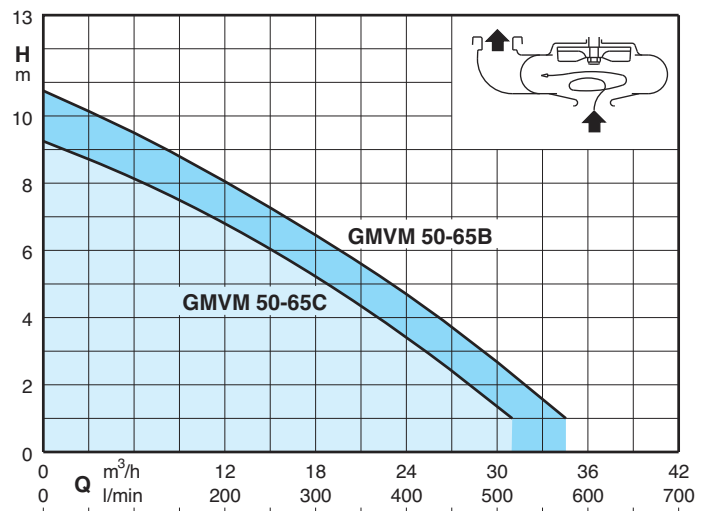
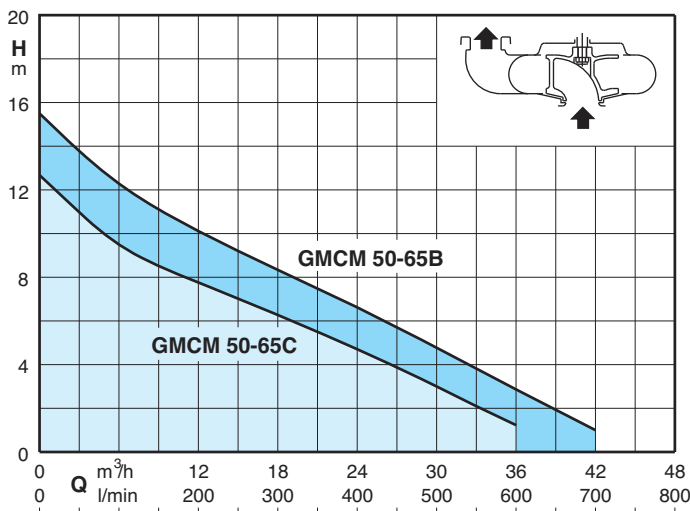
On demand: pipes kit for installation.



GM

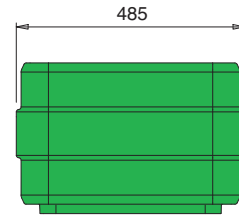
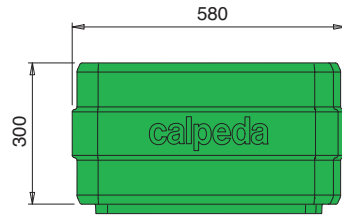
Submersible sewage and drainage pumps.
 GMC, with single-channel impeller.
 GMV, with free-flow (vortex) impeller.
 Liquid temperature up to 35 °C.
 2-pole induction motor, 50Hz (n = 2900 rpm), single-phase 230 V ± 10%, with float switch, built-in thermal protector and built-in capacitor. Float switch for automatic operation.
 Cable length 10 m.

On demand: pipes kit, support foot and duck foot coupling for installation.

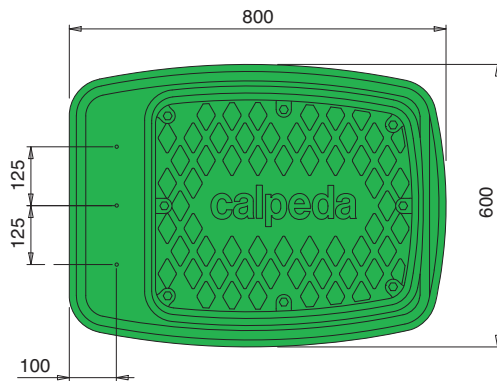
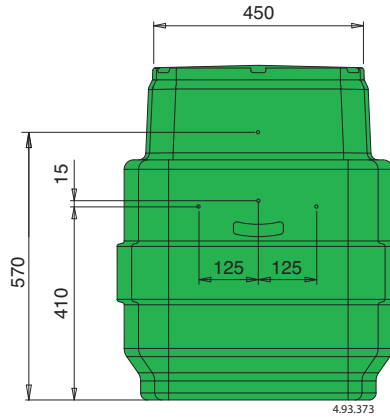
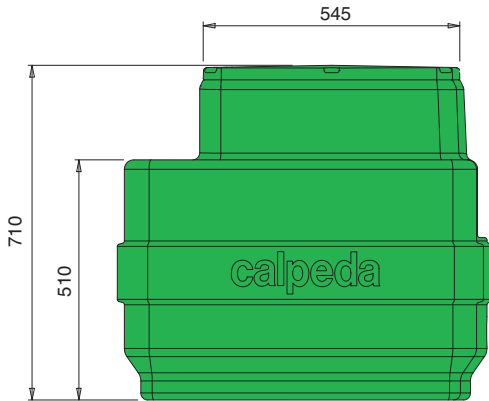


Dimensions and weights

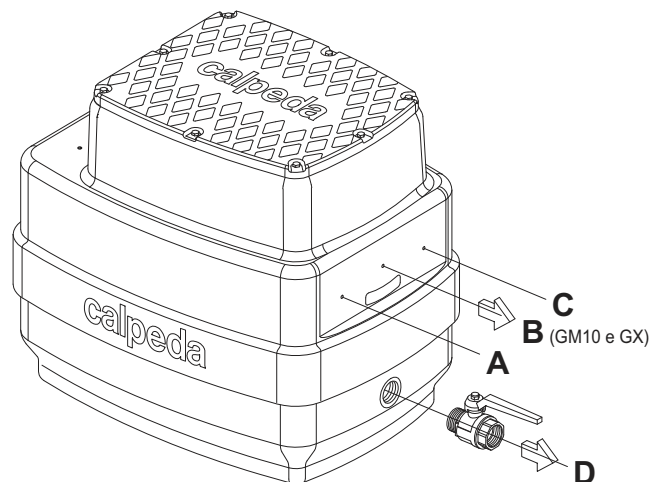
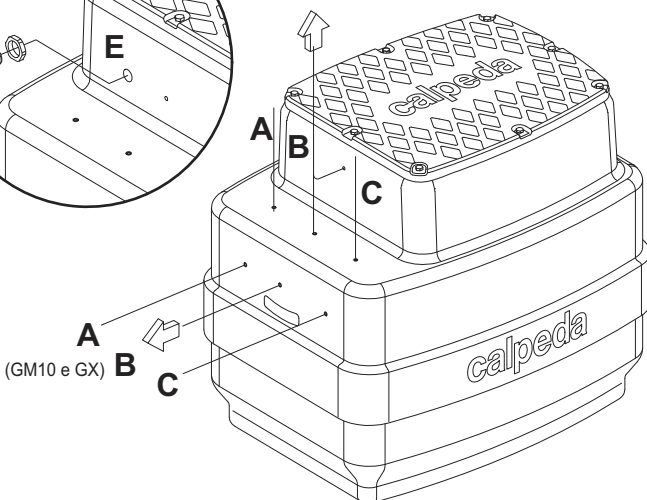
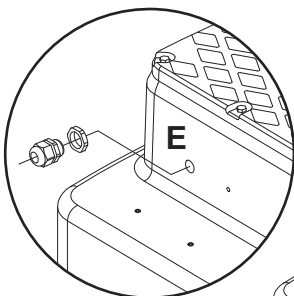
Extention
kg. 4,5



Tank
kg. 16

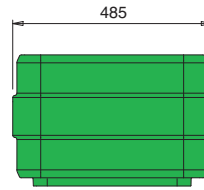
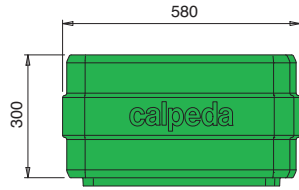


- A-C) inlet and relief
- B) delivery outlet
- D) G 1 1/2 draining outlet
- E) Cable outlet

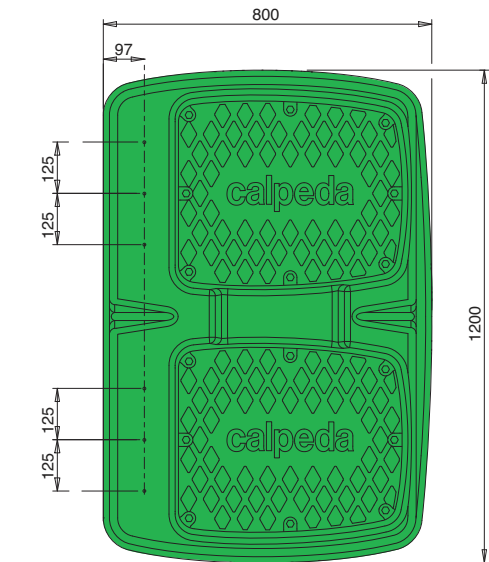
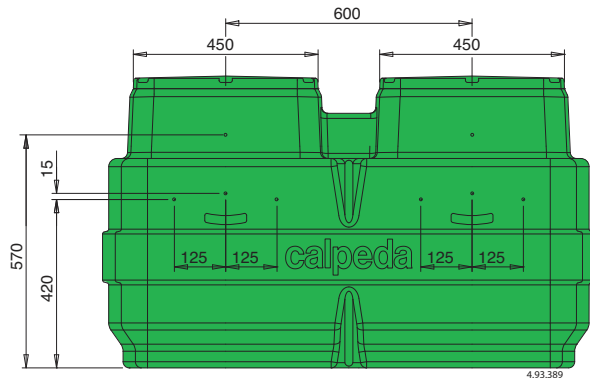
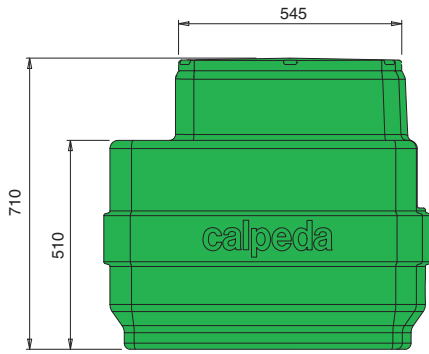


Dimensions and weights

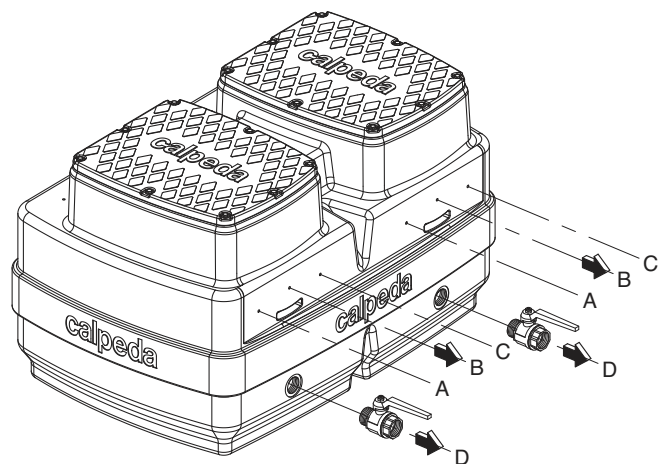
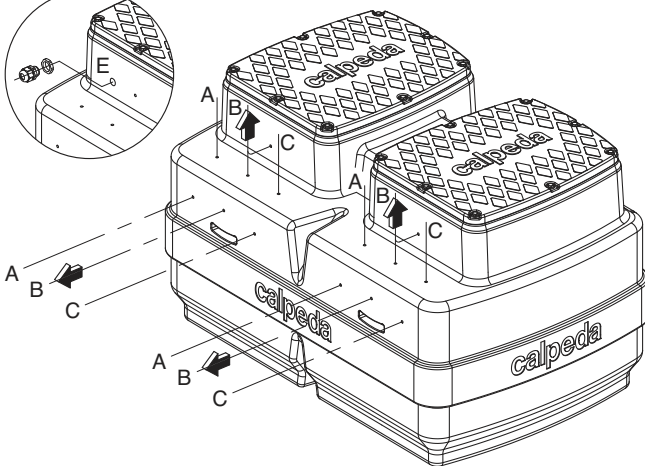
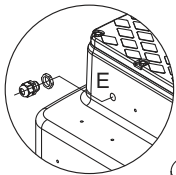
Extention
kg. 4,5



Tank
kg. 32



- A-C) inlet and relief
- B) delivery outlet
- D) G 1 1/2 draining outlet
- E) Cable outlet

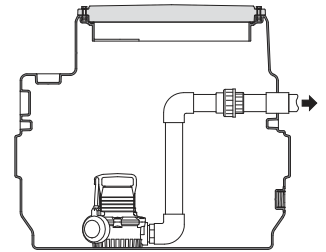
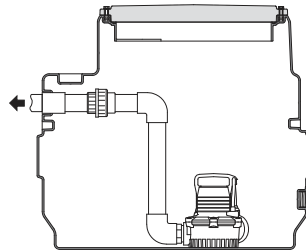
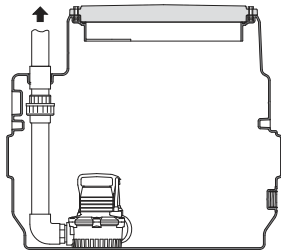


Installation examples

**GEO 230-GM10
GEO 500-GM10**



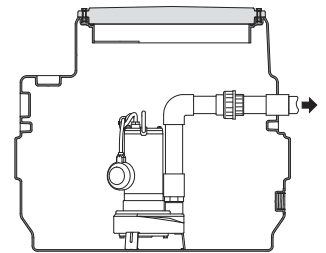
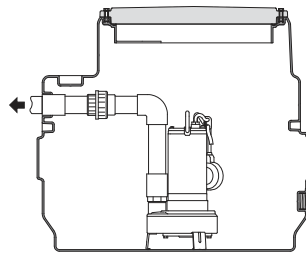
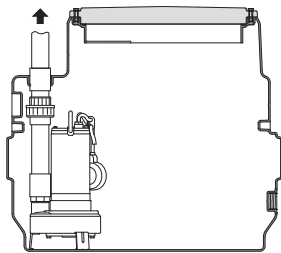
Recommended installation



**GEO 230-GX..
GEO 500-GX..**



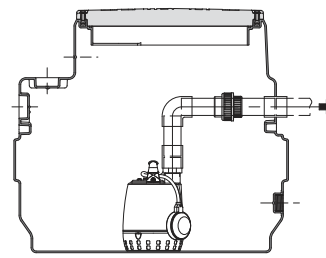
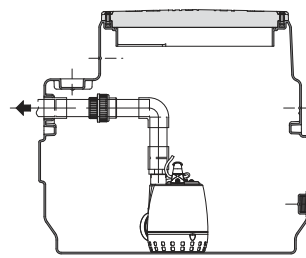
Recommended installation



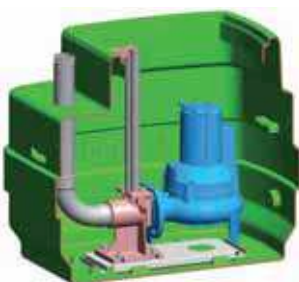
**GEO 230-GX..
GEO 500-GX..**



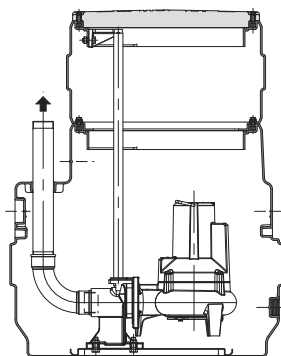
Recommended installation



**GEO 230-GM..
GEO 500-GM..**



Recommended installation



Installation examples

