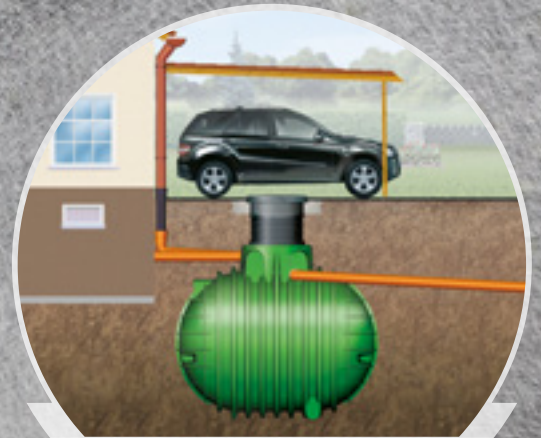
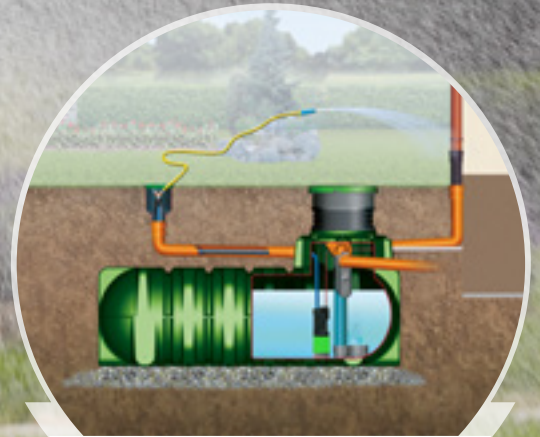


SAVE RAINWATER – SAVE MONEY!

Rainwater Harvesting has never been more simple



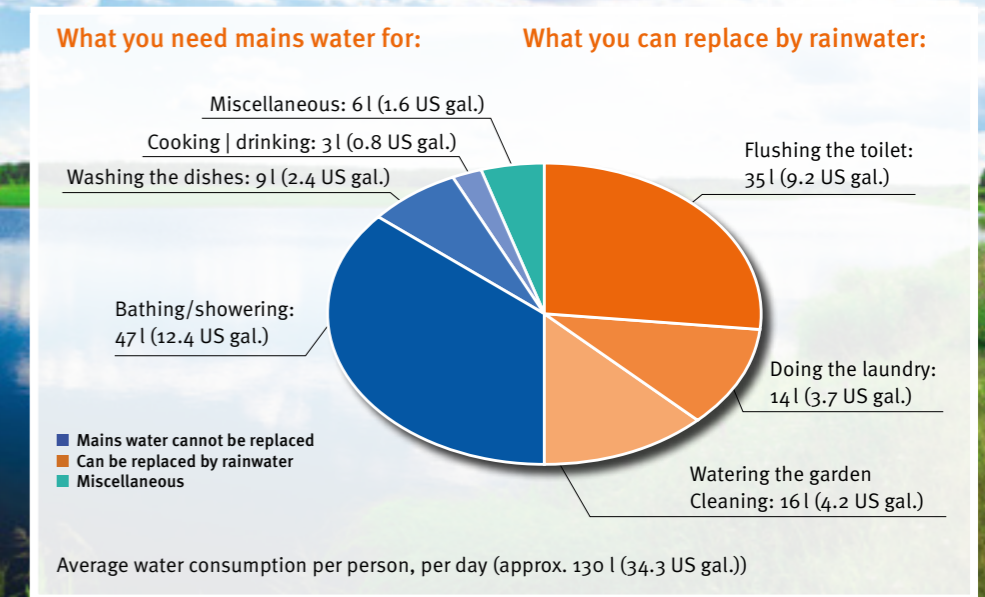
Columbus
underground tank



Li-Lo
underground tank

Sustainability through and through!

A one-off investment – save up to 50% in mains water costs!



Save mains water – Use rainwater

Not all household applications require water of drinking quality. With little effort, groundwater resources can be preserved and energy consumption for drinking water treatment can be reduced. GARANTIA Rainwater Harvesting systems enable these savings and can be used to aid flood prevention and maintain the natural water cycle. Savings of up to 50% can be made!

Green production

State-of-the-art production systems ensure that the manufacture of GARANTIA environmentally-friendly products consumes a significantly lower amount of energy than conventional processes. The waste heat generated during production is used to heat our production and logistics buildings via a modern heat recovery process. This gives GARANTIA products an optimal carbon footprint.

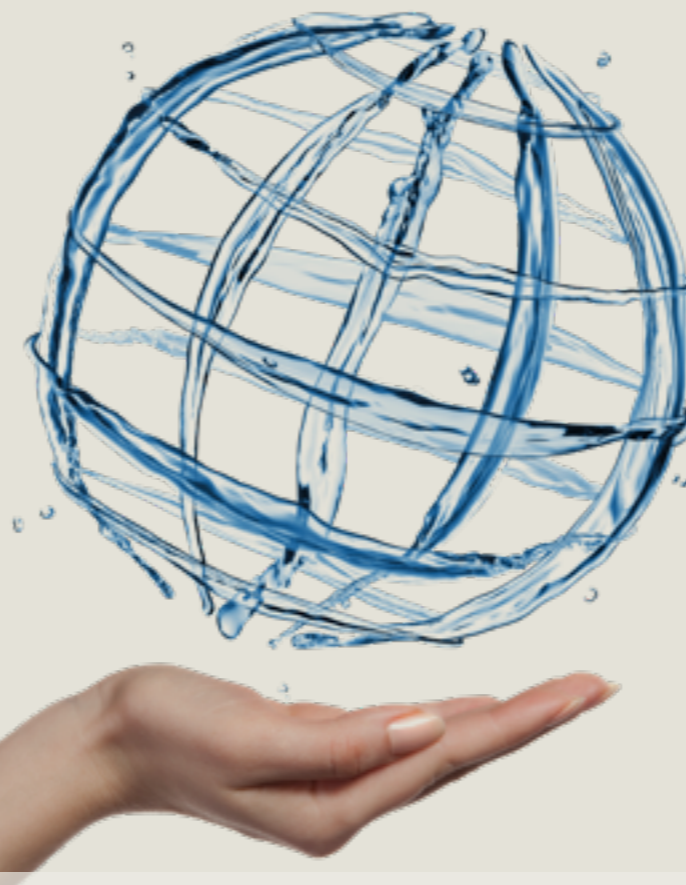
100% recyclable

Preventing waste as a matter of course: All GARANTIA products are completely recyclable and many are manufactured using a high proportion of recycled raw materials. This also improves the environmental performance of the GARANTIA product range.



Durable products

We attach great importance to durable product design, right from the product development stage. This ensures that fewer resources are used and the environmental impact is minimised.



Rainwater Harvesting is as easy as child's play

GARANTIA products include everything you need for professional rainwater harvesting. They are thought out right down to the smallest detail and are ideal for do-it-yourself installation.

- GARANTIA Rainwater Harvesting systems only have one tank covering. The filter technology is integrated in the tank.
- The telescopic dome shaft can be telescoped and tilted in a continuously variable manner. It can be optimally adapted to the surface of the terrain.

Please bear in mind

You do not have to notify or seek approval from any official bodies that you are using a Rainwater Harvesting system to irrigate your garden. But you must notify your water supplier and the health authorities if you have a system which is also used for building services (washing machine and flushing toilets).

Make some serious savings

Up to 50% of your daily water needs can be replaced by rainwater. Using a Rainwater Harvesting system therefore allows your household to make some serious savings.

Rainwater tanks

GARANTIA offers a wide range of underground tanks for different use. Our range of Columbus and Cristall tank is specially made for Rainwater Harvesting usage for garden and/or house.

Find the right tank size quickly and easily:



TIP
The online product advisor at www.garantia.co.uk provides an interactive calculation of the rainwater tank size and savings.

Columbus rainwater tank
1,600 – 2,650 l
(422 – 700 US gal.)

Our suggestion for Rainwater Harvesting in the home and in the garden

>> page 7

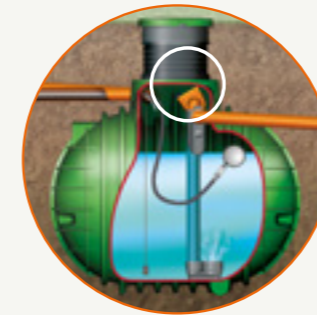


Cristall rainwater tank
1,600 l – 2,650 l
(422 – 700 US gal.)

Our suggestion for watering the garden

>> page 6

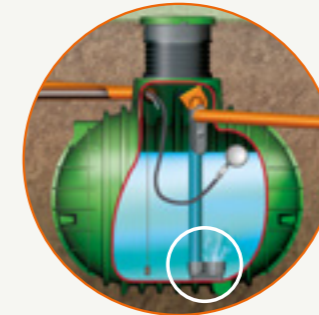
Outstanding water quality thanks to 4-stage cleaning process



Cleaning stage 1

Filter system

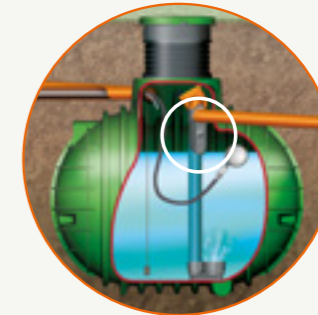
The integrated filter technology reliably removes dirt particles from the incoming water. GARANTIA offers a range of filter systems to suit your application.



Cleaning stage 2

Steady inflow

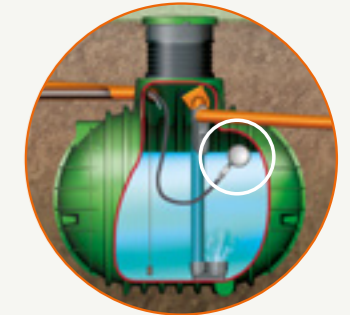
The finest dirt particles settle at the bottom of the tank as sediment. The filtered water is introduced through an inlet pot in the tank base. This permanently prevents the sediment being stirred up.



Cleaning stage 3

Overflow siphon

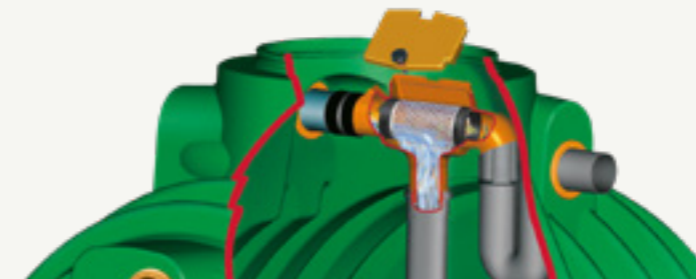
Dirt particles that are lighter than water (e.g. pollen) settle on the surface of the water, forming a layer of floating particles, which regularly flow out through the overflow siphon. The siphon also acts as an odour trap to drain the system.



Cleaning stage 4

Floating extraction setup

The Rainwater Harvesting system uses the floating extraction setup to draw the rainwater approx. 10 cm (4") below the surface of the water, which is where the best water quality is found.



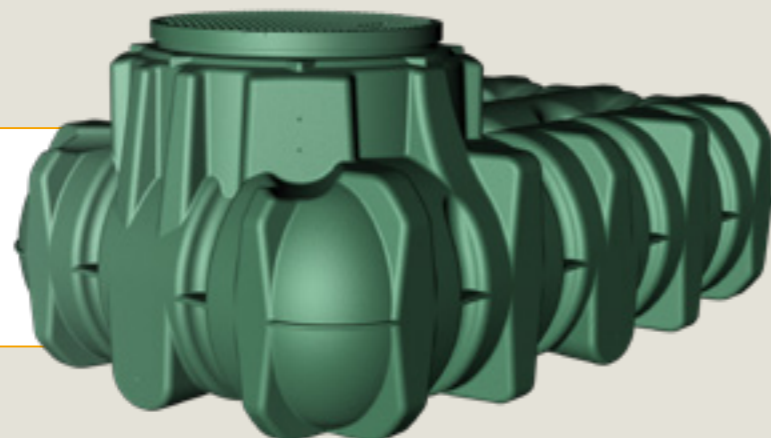
- No separate filter shaft necessary thanks to integrated filter technology.
- Assembly is simple, fast and requires no tools.

Our Li-Lo offers unique features like shallow excavation and can be used for Rainwater Harvesting as well.

Li-Lo flat rainwater tank
1,500 – 7,500 l (396 – 1,982 US gal.)

Our tank for installation in groundwater and rocky ground

>> page 12/13



www.garantia.co.uk

- Detailed product information
- Product advisor stylish tanks
- Product advisor tanks
- Calculate your savings
- Downloads

Numerous product videos



Symbols in the catalogue

- Suitable for vehicle loading
- Suitable for pedestrian loading
- Can be combined with infiltration kit
- Water spring unit

Cristall underground tank

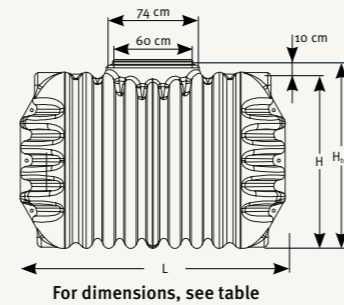
1,600 and 2,650 l (422 and 700 US gal.)

Columbus underground tank

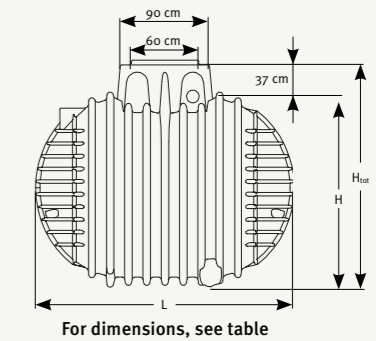
3,700 to 9,000 l (977 to 2,377 US gal.)



- Recommended for watering the garden
- Easy to transport thanks to low weight of just 65 kg (143 lbs) (size 1,600 l (422 US gal.))
- Only one tank covering in the garden thanks to integrated filter technology
- Pre-fitted lip seals for fast and safe assembly
- Groundwater stable up to 50 cm (19.7") above the tank base



- Recommended for Rainwater Harvesting in the home and in the garden
- Only one tank covering in the garden thanks to integrated filter technology
- Pre-fitted lip seals for fast and safe assembly
- Groundwater stable up to 80 cm (31.5") above the tank base

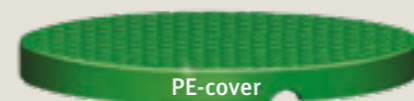


The perfect tank covering

The standard Cristall or Columbus telescopic dome shaft can be telescoped and shortened in a continuously variable manner. The telescope can also be tilted by 5°. This enables you to adjust your tank covering to the ground surface with ease and pin-point precision.

Car module

Class B125/DIN EN 124 (in combination with Li-Lo telescopic dome shaft), consisting of cast cover with a Ø of 65 cm (25.6") and cast frame with a Ø of 72,5 cm (28.5")



Can be tilted by 5°



Volume	Length L	Width	Height H	Height H _{tot}	Weight	Order no.	Order no.
1,600 l (422 US gal.)	210 cm (6'10")	105 cm (41.3")	112 cm (44.1")	122 cm (48")	65 kg (143.3 lbs)	200030	200040
2,650 l (700 US gal.)	210 cm (6'10")	130 cm (51.2")	140 cm (55.1")	150 cm (4'11")	100 kg (220.5 lbs)	200031	200041

4 Cristall underground tank with a tank dome Ø of 60 cm (23.6") and 1 DN 100 (4") lip seal, including Cristall telescopic dome shaft which can be telescoped/shortened between 47 cm (18.5") and 95 cm (37.4"), Ø of 60 cm (23.6") with 3 DN 100 (4") lip seals and child-proof PE cover with double walls, grass-green in colour.

4 Cristall underground tank with a tank dome Ø of 60 cm (23.6") and 1 DN 100 (4") lip seal, including Cristall telescopic dome shaft which can be telescoped/shortened between 47 cm (18.5") and 95 cm (37.4"), Ø of 60 cm (23.6") with 3 DN 100 (4") lip seals and cast cover with a Ø of 65 cm (25.6") and cast frame with a Ø of 72,5 cm (28.5").

Volume	Length L	Width	Height H	Height H _{tot}	Weight	Order no.	Order no.
3,700 l (977 US gal.)	244 cm (8')	165 cm (5' 4.9")	158 cm (5' 2")	195 cm (6' 4")	140 kg (308.6 lbs)	200032	200043
4,500 l (1,188 US gal.)	244 cm (8')	184 cm (6' 4")	177 cm (5' 9")	214 cm (7')	190 kg (418.9 lbs)	200033	200044
6,500 l (1,717 US gal.)	268 cm (8' 9.5")	202 cm (6' 7")	192 cm (6' 3")	229 cm (7' 5")	260 kg (573.2 lbs)	200034	200045
9,000 l Set* (2,376 US gal.)*	see 4,500 l tank					200035	200046

*Kit consists of 2 Columbus 4,500 l underground tanks

4 Columbus underground tank with a tank dome Ø of 60 cm (23.6") and 4 openings with DN 100 (4") seals, including Columbus telescopic dome shaft which can be telescoped/shortened between 22 cm (8.7") and 70 cm (27.6"), Ø of 60 cm (23.6") and child-proof PE cover with double walls, grass-green in colour.

4 Columbus underground tank with a tank dome Ø of 60 cm (23.6") and 4 openings with DN 100 (4") seals, including Columbus telescopic dome shaft which can be telescoped/shortened between 22 cm (8.7") and 70 cm (27.6"), Ø of 60 cm (23.6") and cast cover with a Ø of 65 cm (25.6") and cast frame with a Ø of 72,5 cm (28.5").

TIP
Supra-Filter internal with straight outlet
Order no. 202569 page 16



TIP
Supra-Filter internal with curved outlet
Order no. 202556 page 16



Garden-Jet complete package

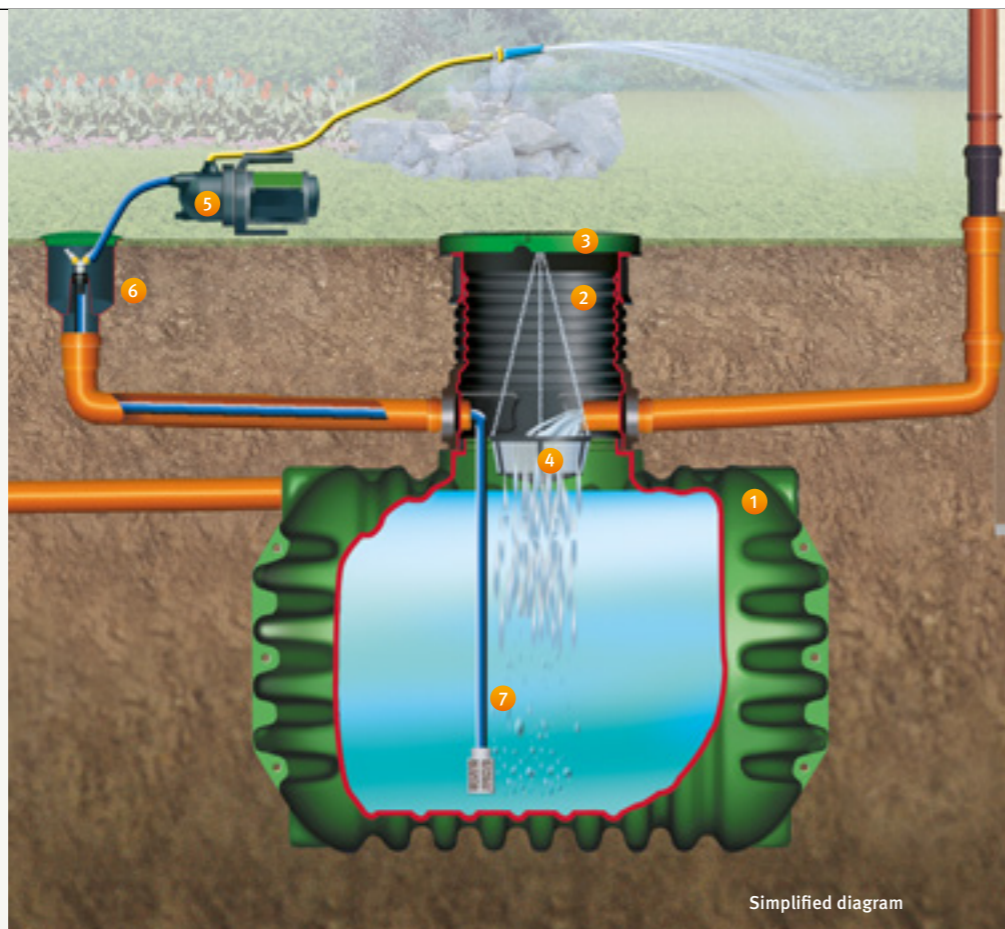
With tank covering for pedestrian loading

Benefits

- The low-cost starter solution for Rainwater Harvesting in the garden
- With the mobile Garden-Jet pump
- Water can be extracted with ease

Scope of supply

- 1 Cristall or Columbus underground tank (page 6/7)
- 2 Cristall or Columbus telescopic dome shaft
- 3 Child-proof PE cover with double walls
- 4 Filter basket for hanging in the tank (page 17)
- 5 Self-priming Garden-Jet pump (page 18)
- 6 Water Connector external incl. 2-way valve for standard hose coupling (page 20)
- 7 Suction kit with 10 m (32.8') suction hose and non-return valve



Garden-Comfort complete package

With tank covering for pedestrian loading

Benefits

- Water from tap like electricity from the socket
- The submersible suction pump with integrated pump control allows for maximum ease of use (pump switches on and off automatically)

Scope of supply

- 1 Cristall or Columbus underground tank (page 6/7)
- 2 Cristall or Columbus telescopic dome shaft
- 3 Child-proof PE cover with double walls
- 4 Filter basket for hanging in the tank (page 17)
- 5 Combi-Tauch 1000 submersible pump (page 18)
- 6 Water Connector external incl. 2-way valve for standard hose coupling (page 20)
- 7 10 m (32.8') pressure hose 1"



Can be combined with infiltration kit (page 26)

Water spring (page 21)

	Cristall complete package Garden-Jet 1,600 l (422 US gal.)		Columbus complete package Garden-Jet 3,700 l (977 US gal.)
	Cristall complete package Garden-Jet 2,650 l (700 US gal.)		Columbus complete package Garden-Jet 4,500 l (1,188 US gal.)
			Columbus complete package Garden-Jet 6,500 l (1,717 US gal.)
			Columbus complete package* Garden-Jet 9,000 l (2,377 US gal.)

*Kit consists of 2 Columbus 4,500 l underground tanks (Connecting pipe must be provided on-site)

Can be combined with infiltration kit (page 26)

Water spring (page 21)

	Cristall complete package Garden-Comfort 1,600 l (422 US gal.)		Columbus complete package Garden-Comfort 3,700 l (977 US gal.)
	Cristall complete package Garden-Comfort 2,650 l (700 US gal.)		Columbus complete package Garden-Comfort 4,500 l (1,188 US gal.)
			Columbus complete package Garden-Comfort 6,500 l (1,717 US gal.)
			Columbus complete package* Garden-Comfort 9,000 l (2,377 US gal.)

*Kit consists of 2 Columbus 4,500 l underground tanks (Connecting pipe must be provided on-site)

Home-Classic complete package

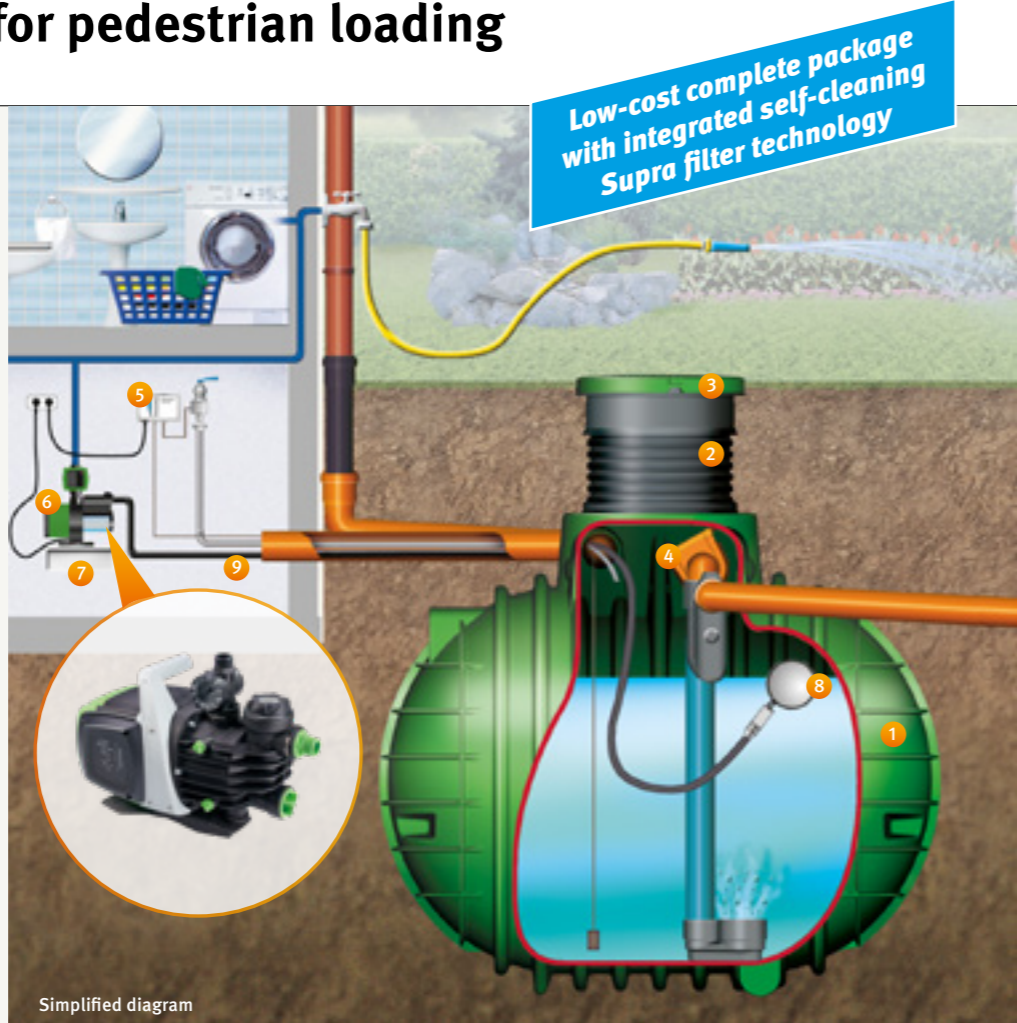
With tank covering for pedestrian loading

Benefits

- The low-cost starter solution for Rainwater Harvesting in the home (washing machine and toilet) and in the garden
- High-quality pump technology

Scope of supply

- 1 Columbus underground tank (page 7)
- 2 Columbus telescopic dome shaft
- 3 Child-proof PE cover with double walls
- 4 Filter package with Supra filter (page 16)
- 5 Mains water intake with digital level indicator
- 6 Domestic waterworks with dry running protection, max. 4.8 bar, max. 4,800 l/h (1,268 US gal./h)
- 7 Pump wall console
- 8 Floating extraction setup (page 20) Removes the water just below the surface of the water at the point where it is cleanest
- 9 10 m (32.8') suction hose 1"



Home-Premium complete package

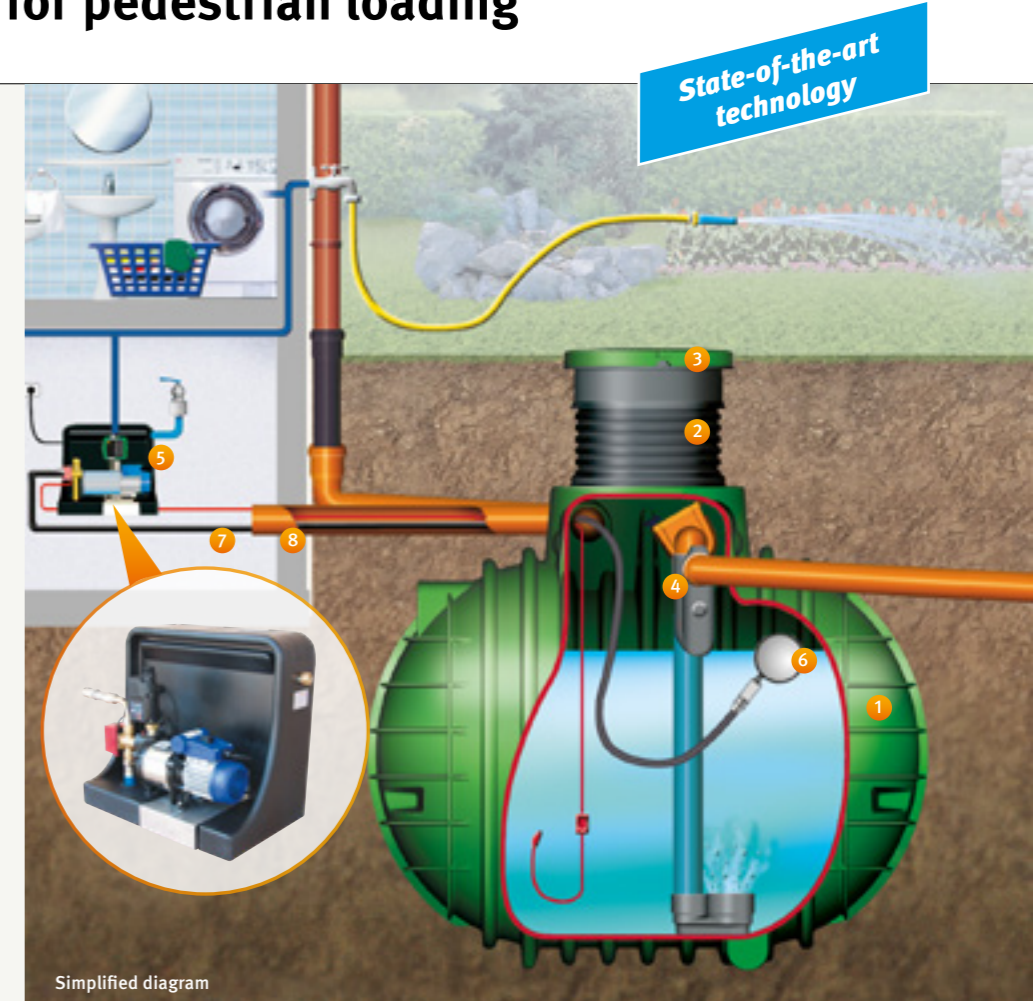
With tank covering for pedestrian loading

Benefits

- The Premium complete package includes the latest Rainwater Harvesting technology
- You still only have to install 2 basic components – ideal for do-it-yourself installation!
- Low-noise top seller rotary pump

Scope of supply

- 1 Columbus underground tank (page 7)
- 2 Columbus telescopic dome shaft
- 3 Child-proof PE cover with double walls
- 4 Filter package with Supra filter (page 16)
- 5 Water intake module to automatically control your Rainwater Harvesting system (page 18)
- 6 Floating extraction setup (page 20) Removes the water just below the surface of the water at the point where it is cleanest
- 7 10 m (32.8') suction hose 1"
- 8 Wall duct DN 100 (4") (page 20)



Water spring (page 21)

- Columbus complete package Home-Classic 3,700 l (977 US gal.)
- Columbus complete package Home-Classic 4,500 l (1,188 US gal.)
- Columbus complete package Home-Classic 6,500 l (1,717 US gal.)
- Columbus complete package* Home-Classic 9,000 l (2,377 US gal.)

*Kit consists of 2 Columbus 4,500 l underground tanks (Connecting pipe must be provided on-site)

Water spring (page 21)

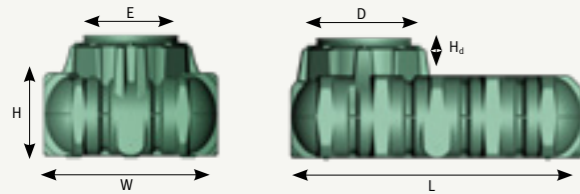
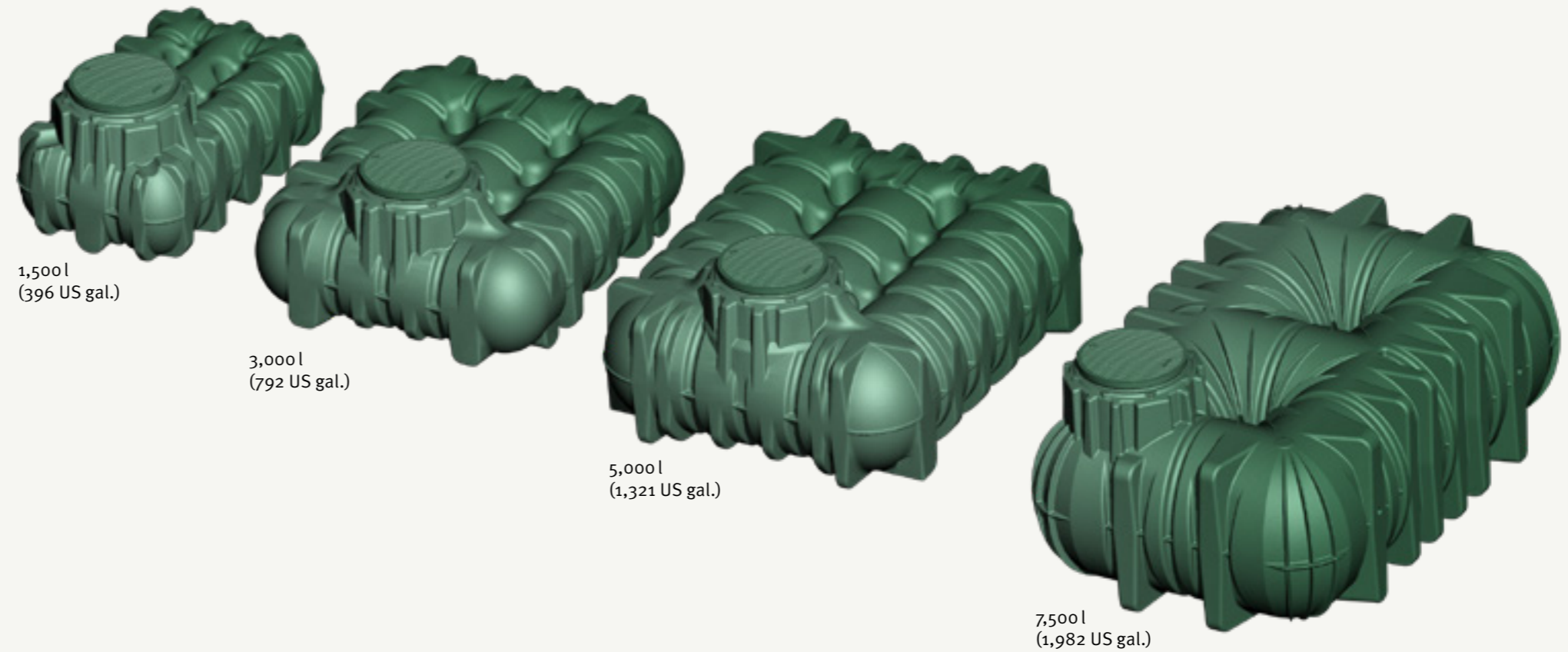
- Columbus complete package Home-Premium 3,700 l (977 US gal.)
- Columbus complete package Home-Premium 4,500 l (1,188 US gal.)
- Columbus complete package Home-Premium 6,500 l (1,717 US gal.)
- Columbus complete package* Home-Premium 9,000 l (2,377 US gal.)

*Kit consists of 2 Columbus 4,500 l underground tanks (Connecting pipe must be provided on-site)

Li-Lo underground tank

1,500 to 7,500 l (396 to 1,982 US gal.)

- Easily transported thanks to its low weight
- Extremely little excavation required
- Quick and easy assembly
- Self-anchored
- Can be mounted in groundwater up to tank shoulder
- Suitable for vehicle loading (up to 3.5 t (7716 US gal.))
- Includes PE lid double-walled



Volume	Length L	Width W	Height of tank shoulder H	Height of dome collar Hd	Ø inlet E	Ø tank dome D	Weight	Order no.	Order no.	Order no.
1,500 l (396 US gal.)	210 cm (6'10")	125 cm (49.2")	70 cm (27.6")	31.5 cm (12.4")	65 cm (25.6")	90 cm (35.5")	82 kg (180.8 lbs)	200050	200065	200069
3,000 l (792 US gal.)	245 cm (8' 1/2")	210 cm (6'10")	73.5 cm (28.9")	31.5 cm (12.4")	65 cm (25.6")	90 cm (35.5")	180 kg (396.8 lbs)	200051	200066	200070
5,000 l (1,321 US gal.)	289 cm (9'5")	230 cm (7'6")	100 cm (39.4")	31.5 cm (12.4")	65 cm (25.6")	90 cm (35.5")	250 kg (551.2 lbs)	200052	200067	200071
7,500 l (1,982 US gal.)	360 cm (11'9")	225 cm (7'4")	125 cm (49")	31.5 cm (12.4")	65 cm (25.6")	90 cm (35.5")	360 kg (793.7 lbs)	200053	200068	200072

🔒 The Li-Lo flat underground tank with a tank dome Ø of 65 cm (25.6") and 4 x DN 100 (4") lip seal, including child-proof PE cover with double walls, grass-green in colour.

🔒 The Li-Lo flat underground tank with a tank dome Ø of 65 cm (25.6") and 4 x DN 100 (4") lip seal, including child-proof PE cover with double walls, grass-green in colour. Including telescopic dome shaft which can be telescoped/shortened between 22 to 70 cm (8.7" – 27.6") and Ø of 60 cm (23.6").

🔒 The Li-Lo flat underground tank with a tank dome Ø of 65 cm (25.6") and 4 x DN 100 (4") lip seal, cast cover with a Ø of 65 cm (25.6") and cast frame with a Ø of 72,5 cm (28.5"). Including telescopic dome shaft which can be telescoped/shortened between 22 to 70 cm (8.7" – 27.6") and Ø of 60 cm (23.6") can be added.

The perfect tank covering

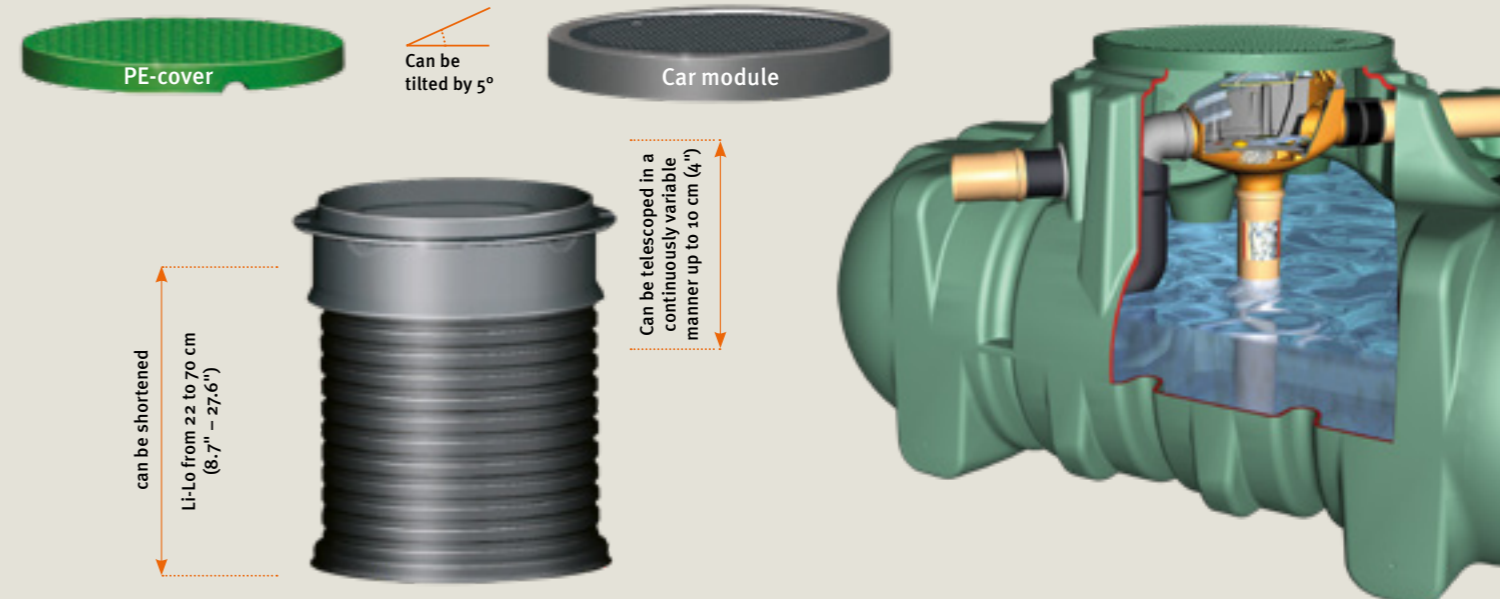
The standard Li-Lo telescopic dome shaft can be telescoped and shortened in a continuously variable manner. The telescope can also be tilted by 5°. This enables you to adjust your tank covering to the ground surface with ease and pin-point precision.

Car module

Class B125/DIN EN 124 (in combination with Li-Lo telescopic dome shaft), consisting of cast cover with a Ø of 65 cm (25.6") and cast frame with a Ø of 72,5 cm (28.5")

Minimax-Pro internal filter

Minimax-Pro filter (self-cleaning) for Li-Lo basic tank. The convenient solution that requires minimum maintenance thanks to a self-cleaning filter with over 95 % water yield. Can also be fitted with the internal cleaning unit. With this filter package, the tank and filter overflows are connected to the sewer system.



Garden-Comfort complete package

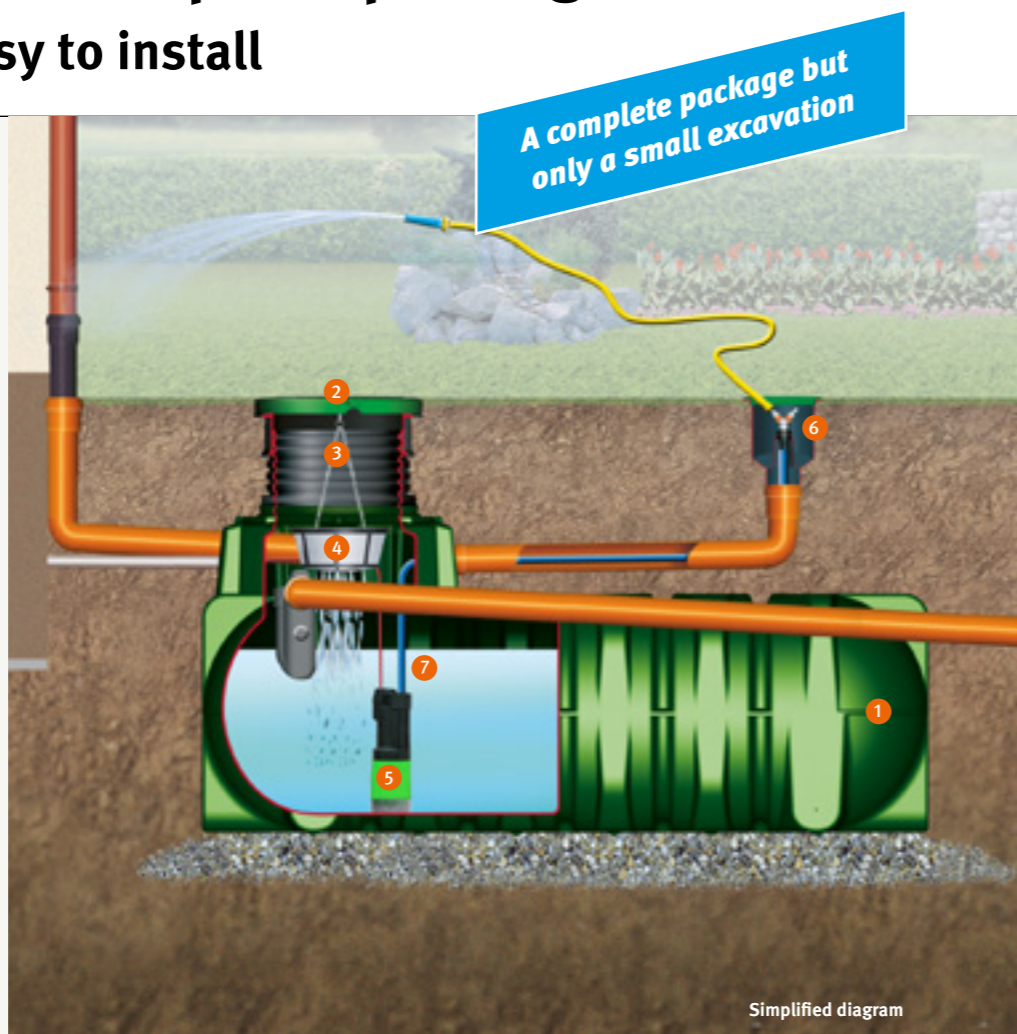
Comfortable and easy to install

Benefits

- Water from tap like electricity from the socket
- The submersible suction pump with integrated pump control allows for maximum ease of use (pump switches on and off automatically)
- Less digging

Scope of supply

- 1 Li-Lo underground tank (page 12/13)
- 2 Child-proof PE cover with double walls
- 3 Li-Lo telescopic dome shaft (not shown in the graphic)
- 4 Filter basket for hanging in the tank (page 17)
- 5 Combi-Tauch 1000 submersible pump (page 18)
- 6 Water Connector external incl. 2-way valve for standard hose coupling (page 20)
- 7 10 m (32.8') suction hose 1"



Can be combined with infiltration kit (page 26)

Water spring (page 21)



Li-Lo complete package
Garden-Comfort 1,500 l (396 US gal.)

Li-Lo complete package
Garden-Comfort 3,000 l (792 US gal.)

Li-Lo complete package
Garden-Comfort 5,000 l (1,321 US gal.)

Li-Lo complete package
Garden-Comfort 7,500 l (1,982 US gal.)

Home-Premium complete package

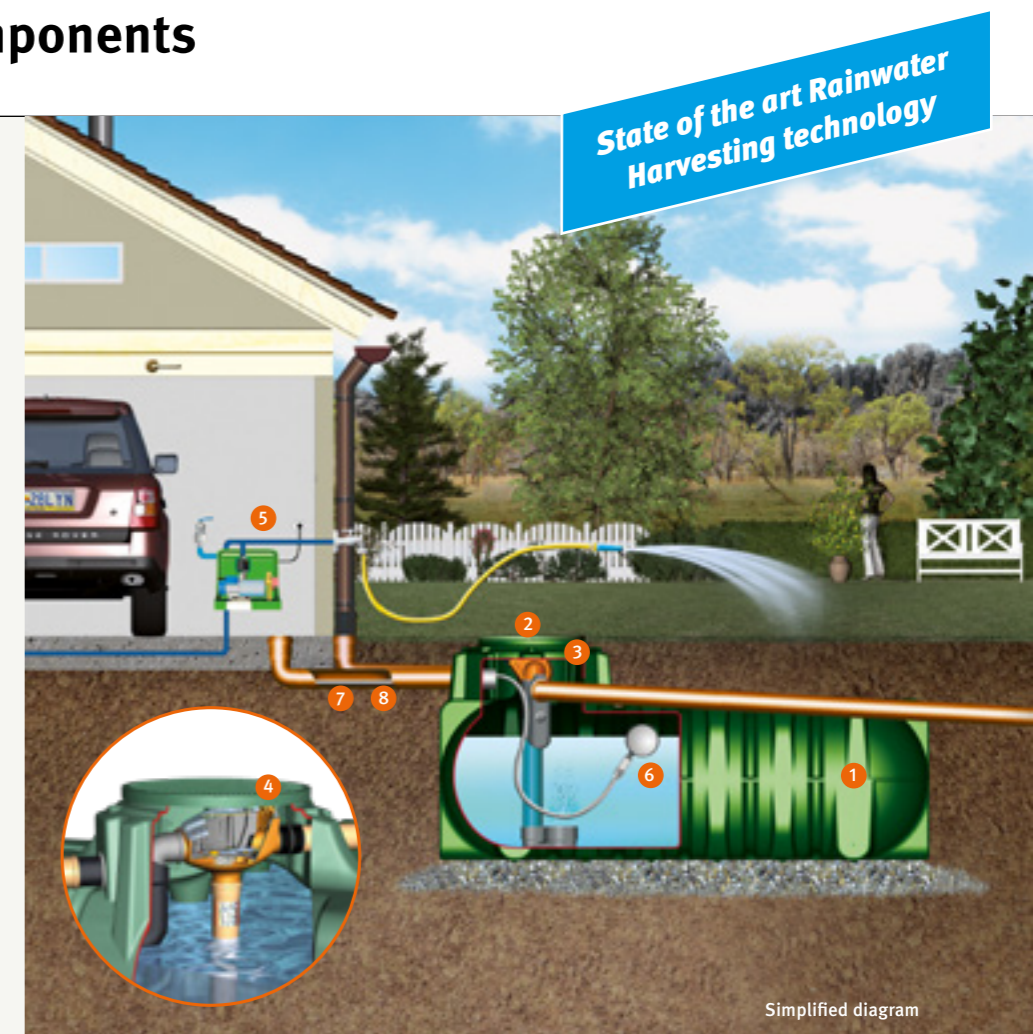
Only two basic components

Benefits

- The Premium complete package includes the latest Rainwater Harvesting technology
- You still only have to install 2 basic components – ideal for do-it-yourself installation!

Scope of supply

- 1 Li-Lo underground tank (page 12/13)
- 2 Child-proof PE cover with double walls
- 3 Li-Lo telescopic dome shaft (not shown in the graphic)
- 4 Filter package with Minimax-Pro internal filter (page 17)
- 5 Water intake module to automatically control your Rainwater Harvesting system (page 18)
- 6 Floating extraction setup (page 20) Removes the water just below the surface of the water at the point where it is cleanest
- 7 10 m (32.8') suction hose 1"
- 8 Wall duct DN 100 (4") (page 20)



Water spring (page 21)



Li-Lo complete package
Home-Premium 3,000 l (792 US gal.)

Li-Lo complete package
Home-Premium 5,000 l (1,321 US gal.)

Li-Lo complete package
Home-Premium 7,500 l (1,982 US gal.)

Filter technology

Cristall and Columbus



Supra filter internal for Cristall and Columbus

Self-cleaning filter with stainless steel filter insert for in-tank installation. Height offset of just 8 cm (3.2") between the inlet and outlet (channel), finely meshed filtration (Ø 0.5 mm (0.02")), roof surface max. 350 m² (3767 ft²), low-maintenance, water yield of more than 95%, DN 100 (4") connections

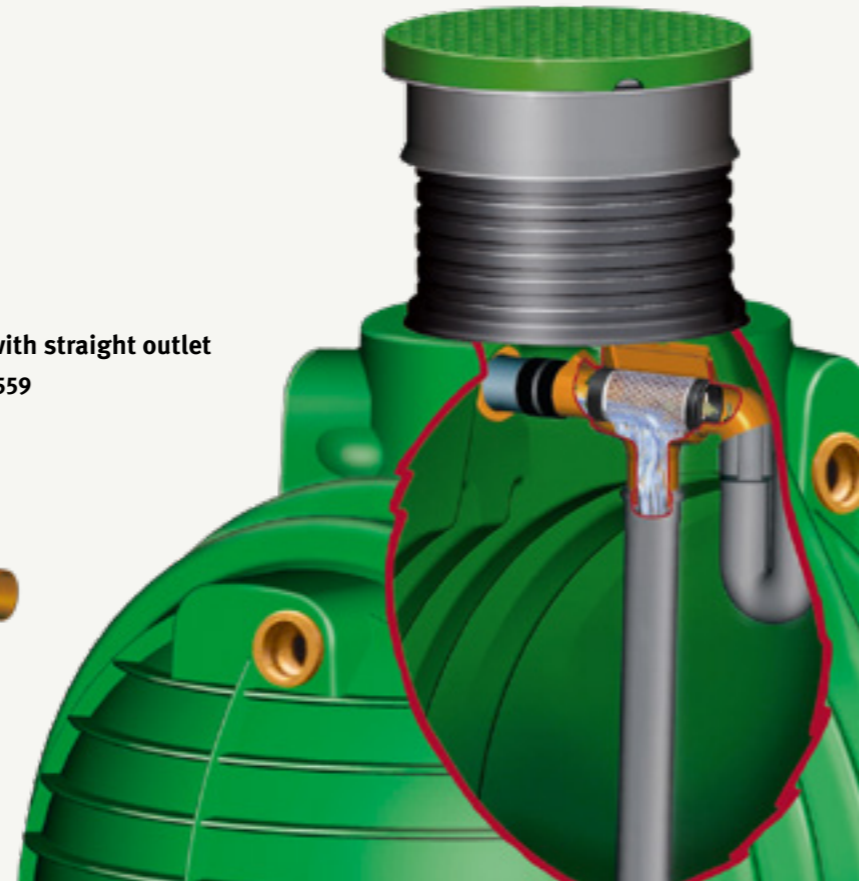
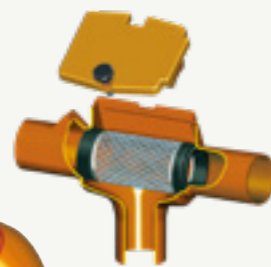
Supra filter with curved outlet

Order no. 202557



Supra filter with straight outlet

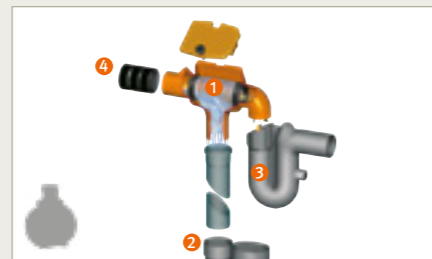
Order no. 202559



Self-cleaning filter with stainless steel filter insert for fitting in the ground in front of the tank. Height offset of just 1 cm (0.4") between the inlet and outlet (channel). Continuously variable installation depth of 48.5 cm (19") – 95.5 cm (37.6") thanks to telescopic dome shaft, finely meshed filtration (Ø 0.5 mm (0.2")), roof surface max 350 m², low-maintenance, suitable for pedestrian loading, grass-green in colour. Water yield of more than 95% DN 100 (4") connections

Supra external filter

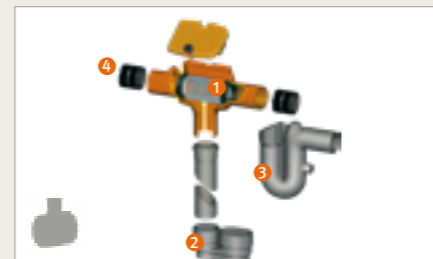
Order no. 202558



Underground tank filter package for Columbus consisting of:

- 1 Supra filter with curved outlet
- 2 Steady inflow pot
- 3 Overflow siphon with rodent guard
- 4 Patented quick-connection sleeve for pipe-to-pipe connection

Filter package for Columbus
Water yield of more than 95%
Order no. 202556



Underground tank filter package for Cristall consisting of:

- 1 Supra filter with straight outlet
- 2 Steady inflow pot
- 3 Overflow siphon with rodent guard
- 4 Patented quick-connection sleeve for pipe-to-pipe connection

Filter package for Cristall
Water yield of more than 95%
Order no. 202569

Filter technology

Li-Lo



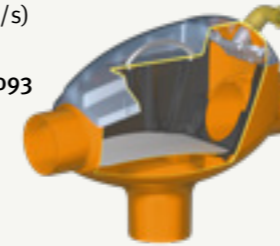
Minimax Pro filter internal for Li-Lo

Garden and home use – the self-cleaning model

Minimax-Pro filter (self-cleaning) for Li-Lo. The convenient solution that requires minimum maintenance thanks to a self-cleaning filter with over 95% water yield. Can also be fitted with the internal cleaning unit. With this filter package, the tank and filter overflows are connected to the sewer system.

» Maximum flow rate of 5.5 l/s (1.45 US gal./s)

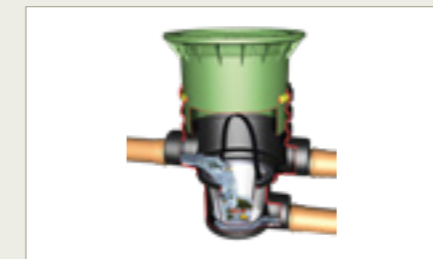
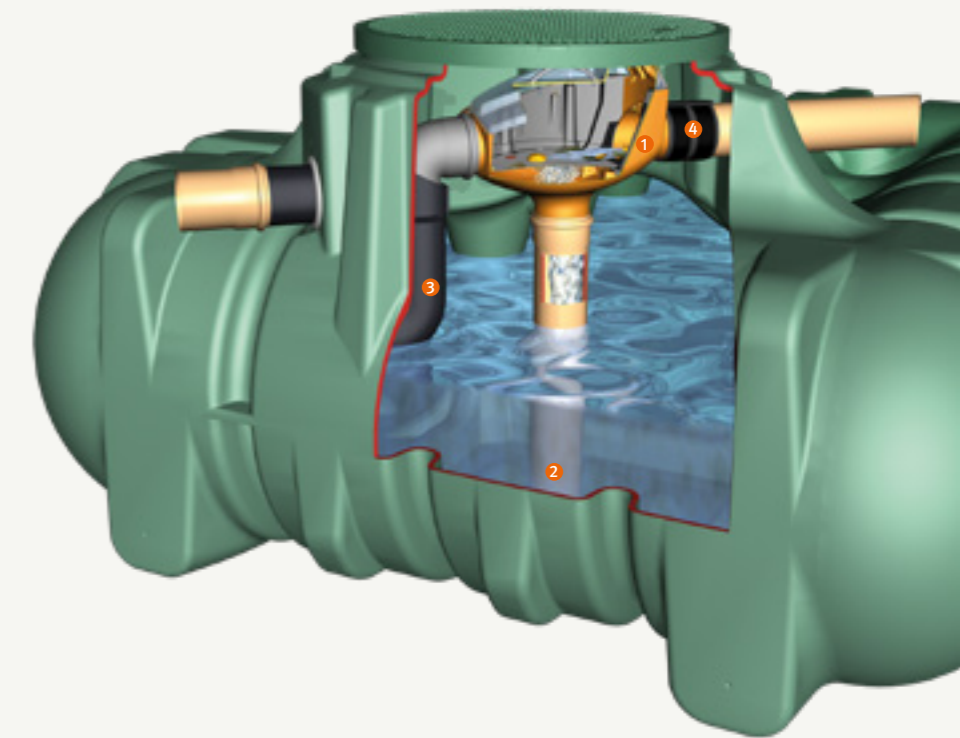
Order no. 340093



Cleaning unit
Connection 19 mm (¾"), delivery without hose
Order no. 340040

Scope of supply:

- 1 Minimax-Pro internal filter (patented)
- 2 Inflow stilling system for controlling the water inflow
- 3 Overflow siphon with rodent guard function
- 4 Spannfix pipe connection sleeve



100% water yield therefore ideal for smaller roof areas. Filter insert mesh width 0.35 mm (0.01"). Continuously variable installation depth of 600 mm – 1050 mm (23.6" – 3' 5") using the telescopic dome shaft. Lockable, childproof cover. Flush with ground level. Minimal height offset (270 mm (10.6")) between the inlet and outlet. Also suitable for infiltration and pond systems. Maximum flow rate of 16 l/s (4 US gal./s).

Universal filter 3 external
100% water yield
DN 100 (4")/DN 150 (6") connections
Order no. 340020



For ground-level installation in front of the system. Suitable for watering the garden or as a pre-filter for an infiltration or pond system.

Connection: DN 100 (4")
Dimensions: Ø 50 cm (19.7")
Height 34 cm (13.4")

Regular maintenance required.

Filter pot
100% water yield
DN 100 (4") connections
Order no. 340003



For hanging in tank dome. Finely meshed filtration (Ø 0.35 mm (0.1")), suited to Rainwater Harvesting in the home. Also ideal for retrofitting existing systems. Crossbar can be adjusted between 47 cm (18.5") and 69 cm (27.2").

Dimensions: Ø 41 cm (16.2")
Height 17.5 cm (6.9")

Regular maintenance required.

Filter basket
100% water yield
Order no. 202044

Drinking water feeding module | Pumps

Fully pre-assembled system control unit for the automated control of your Rainwater Harvesting system. All consumers (e.g. toilet, washing machine) are supplied automatically.

When the tank is empty, the required amount of drinking water is removed via the integrated drinking water feeding container and supplied directly to the point of consumption. Ideal for self-installation.



- 1 DN 70 emergency overflow (side)
- 2 3-way switching valve controlled by a float switch (with a 20 m (65'7") connection cable)
- 3 Integrated drinking water feeding container; intake volume approx. 32 l (8.5 US gal.) with integrated float valve
- 4 Pump console
- 5 Efficient, especially quiet Centrifugal pump (only 57 dB(A)) with automatic switch, delivery height: 35 m (114'9") = 3.5 bar. Delivery volume: 3,600 l/h (951 US gal./h) Motor rating: 0.66 kW Suction length/height: 15 m/3 m (49' /9.8')
- 6 Connection to the drinking water network

Benefits

- High operational safety
- Quick assembly
- Attractive design

Drinking water feeding module
 Width 61.5 cm (24.2") | Depth 40 cm (15.7") | Height 60 cm (23.6")
 Order no. 202040

Pump packages



Garden-Jet pump package

The low-cost complete solution

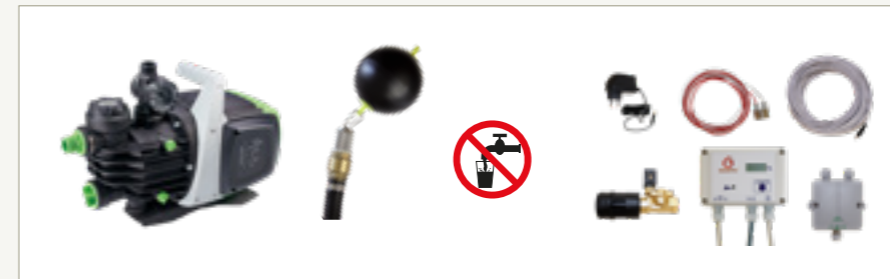
- Garden-Jet pump 700
 - Suction kit with 7 m 1" suction hose
 - External water connection box
- Order no. 202562



Garden-Comfort pump package

Extremely easy to use thanks to automatic pump control


- Combi-Tauch 1000 submersible pump
 - Floating extraction setup
 - External water connection box
 - 12.5 m 1" pressure hose
- Order no. 202561




Home-Classic pump package

The low-cost complete solution for mains water intake in the home

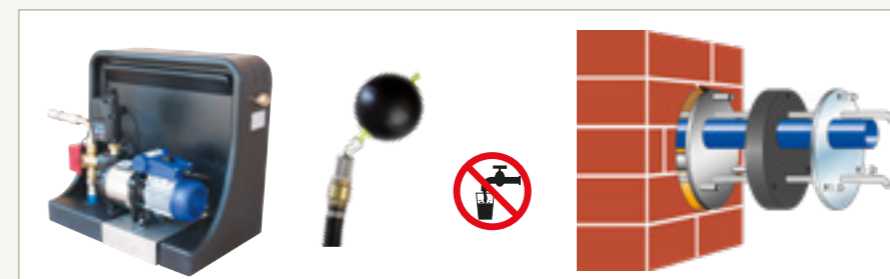
- Domestic waterworks 4/1000
 - Floating extraction setup
 - Pump wall console
 - Labelling set
 - 12.5 m 1" suction hose
- Order no. 202560



Combi-Tauch 1000 submersible pump
 With automatic start-stop mechanism, motor rating 0.9 kW, max. delivery height 36 m (118'), max. pressure 3.6 bar, max. delivery volume 5,700 l/h (1,505 US gal./h), 2-year warranty.
 Order no. 354036



Garden Jet pump
 Self-priming jet pump, motor rating 0.85 kW, max. delivery height 43 m (141'), max. pressure 4.3 bar, max. delivery volume 3,180 l/h (840 US gal./h), max. suction height 8 m (26'), max. suction length 15 m (49'), 2-year warranty.
 Order no. 202011



Home-Premium pump package

Mains water intake in the home

- Mains water intake module
 - Floating extraction setup
 - DN 100 (4") wall duct
 - Labelling set
 - 12.5 m 1" suction hose
- Order no. 202574

Accessories

Water spring and stone fountains

Practical and stylish

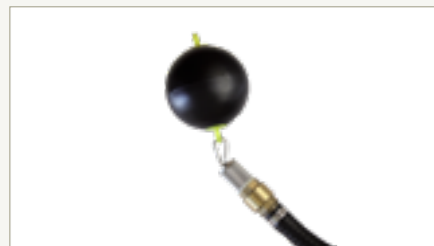


Mains water intake

Controls needs-based intake when the rainwater tank is empty; with integrated level indicator (as %).
Scope of supply: same as level indicator plus DN 1988 solenoid valve.
Order no. 202039

Level indicator

Shows the level in the tank; displayed as percentage. Scope of supply: indicator, 20 m (65' 7") cable to the tank, sensor system, mains connection. (Similar to picture)
Order no. 202038



Floating extraction setup

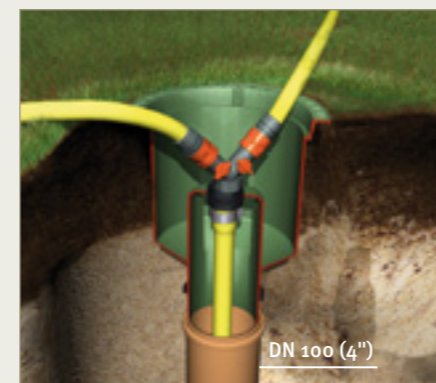
Extracts the water just below the surface – at the point where it is cleanest. With float ball, fine filter, non-return valve Ø 25 mm (1") and suction hose, 3 m (9' 10").
Order no. 333014

Water connector external



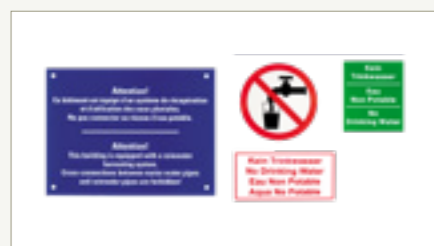
Garden suction kit

Suction line with filter and non-return valve, 4 m (13') long. Only suited to use in the garden.
Order no. 355012



Overflow siphon DN 100 (4")

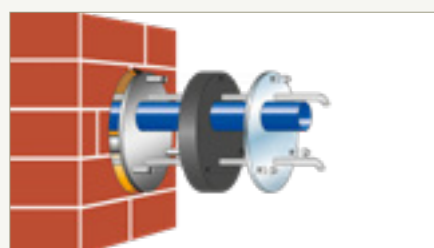
As tank overflow. With odour trap and chamfered edge – suction effect removes floating particles. Incl. stainless steel rodent guard.
Order no. 331004



Labelling set

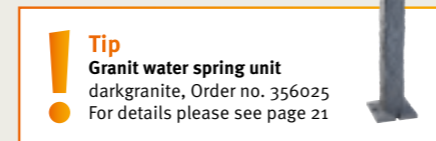
To label rainwater lines.
Order no. 330122

For the convenient extraction of rainwater in your garden. With an automatic switching pump, water is available on demand. Including 2-way valve for a commercially available hose coupling; Ø 280 mm (11"), height: 340 mm (13.4"); water intake: hose connection 25 mm (1").
Order no. 202060



Wall duct DN 100 (4")

For safe feeding of supply lines through a wall. To feed through, 1 each of Ø 8 mm (0.3"), Ø 12 mm (0.5") and Ø 41 mm (1.6"). Wall duct Ø 100 mm (3.9").
Order no. 331002



Wood water spring
lightwood, order no. 356031

Granit water spring

Height 100 cm (3' 3.4")
Column 13 x 13 cm (5.1" x 5.1")
Base 25 x 25 cm (9.8" x 9.8")
Weight 5 kg (11 lbs)
darkgranite order no. 356025
lightgranite order no. 356026

Wood water spring

Height 100 cm (3' 3.4")
Column 13 x 13 cm (5.1" x 5.1")
Base 25 x 25 cm (9.8" x 9.8")
Weight 5 kg (11 lbs)
darkwood order no. 356030
lightwood order no. 356031

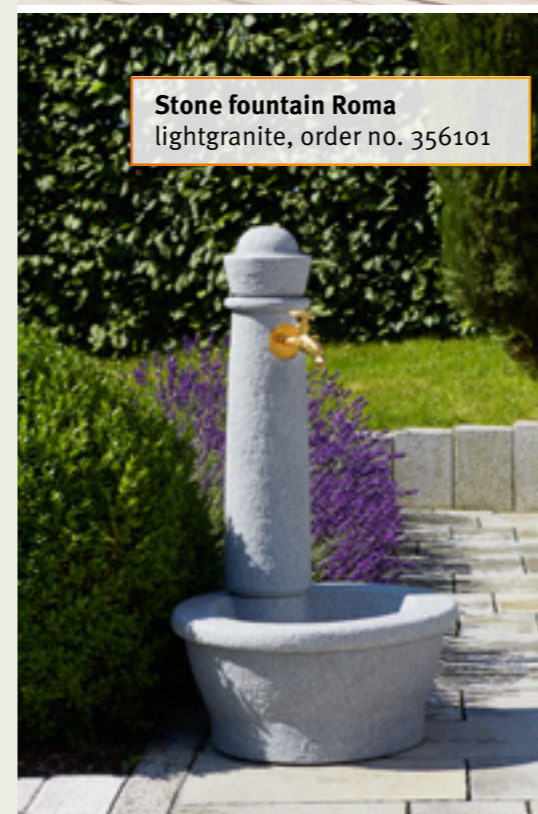
Rondo water spring

Ø **Column** 12 cm (4.7") | **Base** 19 cm (7.5")
Height 90 cm (35.4") | **Weight** 3 kg (6.6 lbs)
stonegrey order no. 356021

TIP
Ideal as an additional extraction point for Rainwater Harvesting systems



- Including chrome water tap 19 mm (¾")
- Options of connecting from below using 19 mm (¾") hose connection
- Simple installation – holes already in base
- Particularly UV-stable and weather-resistant



Stone fountain Roma
lightgranite, order no. 356101

Stone fountains Roma

Height 100 cm (3' 3.4")
Width 54 cm (21.3") | **Depth** 58 cm (22.8")
Height basin 25 cm (9.8")
Weight 8 kg (17.6 lbs)
lightgranite order no. 356101
redstone order no. 356103

Stone fountains Venezia

Height 90 cm (35.4")
Width 44 cm (17.3") | **Depth** 52 cm (20.5")
Height basin 15 cm (5.9")
Weight 7 kg (15.4 lbs)
lightgranite order no. 356100
redstone order no. 356102



- Includes 19 mm (¾") nostalgic tap for conveniently accessing water
- Options for connecting from below using 19 mm (¾") hose connection
- Particularly UV-stable and weather-resistant
- Pre-assembled and ready for connection

Herkules tank

Offers you practical benefits

Rainwater storage tank

The Herkules tank can be used as an above-ground, underground and cellar tank. The tank can be assembled in a matter of minutes by putting the two half shells together. The volume can be increased by listing tanks together.

Technical data

Volume 1,600 l (422 US gal.)
 Ø 135 cm (53.2")
 Height 160 cm (5'3")
 Weight 60 kg (132.3 lbs)

Preformed connections

2 x DN 70 (2.8"), 2 x DN 100 (4") and 2 x DN 200 (8") suited to standard high-temperature / wastewater pipes.

Herkules tank 1,600 l (422 US gal.)

Can be extended in any way.
 Order no. 320001

Herkules tank set

3,200 l (846 US gal.)

DN 100 (4") extension set(s) included
 Order no. 211001

4,800 l (1,269 US gal.)

DN 100 (4") extension set(s) included
 Order no. 211002



Herkules tank

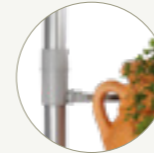
Can be used in 3 ways!



Above-ground

You can easily install the Herkules tank in your garden.

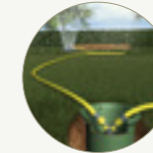
Downpipe filter for outstanding water quality



Underground

Using the accessories, the Herkules tank can also be installed underground. The tank can be installed in groundwater up to the top of the tank.

The convenient way of extracting rainwater in the garden

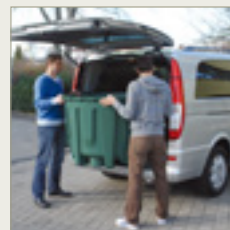


As a cellar tank

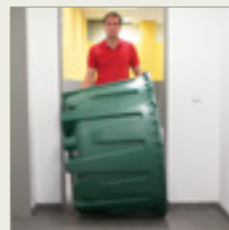
You can also install the Herkules tank in your cellar. The two half shells of the tank can fit through standard-sized doors of more than 80 cm (31.5").

The Herkules tank is easy to assemble

Easy to transport



Fit through any door (80 cm (31.5"))



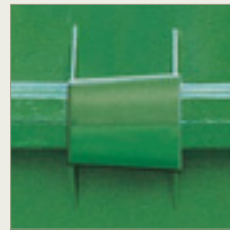
Stackable



Can be extended in any way



Quick connection



Insert seal



Fit connection



Permanently sealed



Accessories Herkules tank	Order no.
Extension kit DN 70 (2.8") for Herkules tank (hole cutter extra)*	202029
Extension kit DN 100 (4") for Herkules tank (hole cutter extra)*	202028
Hole cutter DN 70 (2.8")	202002
Hole cutter DN 100 (4")	202003
Access riser pipe DN 200 (8") with telescopic hatch	322026
Support pipe for underground installation DN 150 (6")	322014
Intake float (hose extra) 2,5 cm (1")	330054

*Extension set comprising 2 x special gaskets

Connection pipes: commercially available DN 70 (2.8") or DN 100 (4") sewage pipes, to be provided on site!



Brass tap

With tank screw, connection 3/4" size
 Order no. 330044



Regendieb Pro

Self-cleaning, low maintenance downpipe filter in a slim version
grey Order no. 344202
brown Order no. 344203



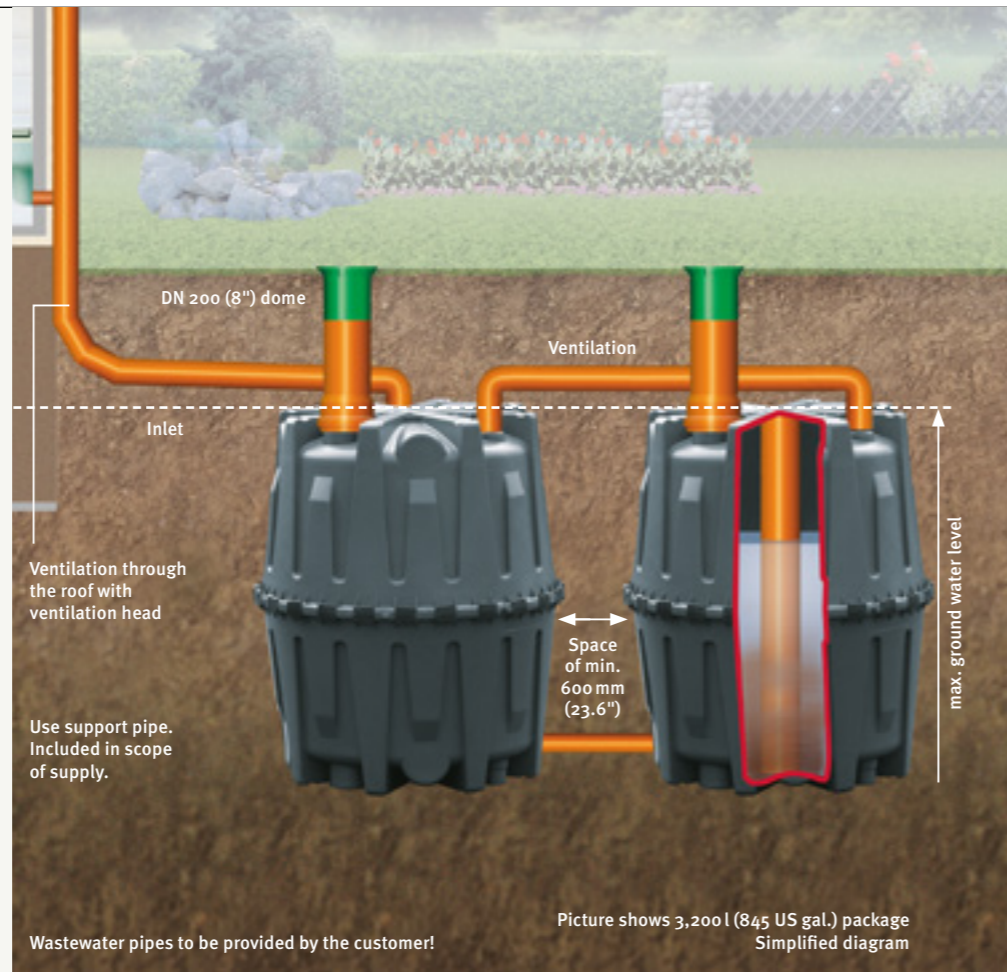
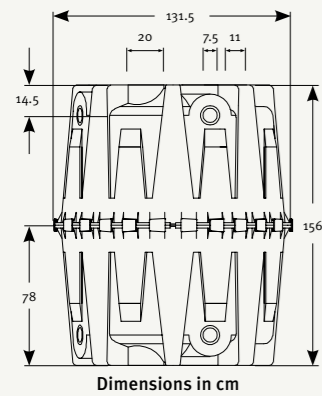
Water connector external

The convenient way of extracting rainwater in the garden. You can extract water when you need it using a pump that switches on and off automatically. Including 2-way valve for standard hose coupling, Ø of 28 cm (11"), height 34 cm (13.4"), water supply: 2,5cm (1") hose connection
 Order no. 202060

Herkules septic tank

The low-cost solution for small gardens

- Tank can be installed in groundwater up to the top of the tank
- Easy installation: each half shell weighs just 30 kg (66.1 lbs)
- Tank can be assembled quickly with profile seal thanks to quick connectors



Herkules septic tank 1,600 l (422 US gal.), green

incl. support pipe
Order no. 100001

Herkules septic tank 3,200 l (845 US gal.), green

incl. support pipe
Order no. 100002

Herkules septic tank 1,600 l (422 US gal.), black

Incl. support pipe,
DIBt-approved Z-40.24-217
Order no. 100010



Herkules septic tank 3,200 l (845 US gal.), black

Incl. support pipe,
DIBt-approved Z-40.24-217
Order no. 100011



Accessories

Overflow monitor

emits a visual and acoustic signal to indicate that the max. level will soon be reached. Sensor part sits in the tank, battery-operated, 6V, AA battery, (not in scope of supply); 20 m (65' 7.4") cable
Order no. 351017



Deaeration end

so that the air can escape when the collection tank is being filled
Order no. 369017



Tank dome DN 200 (8")

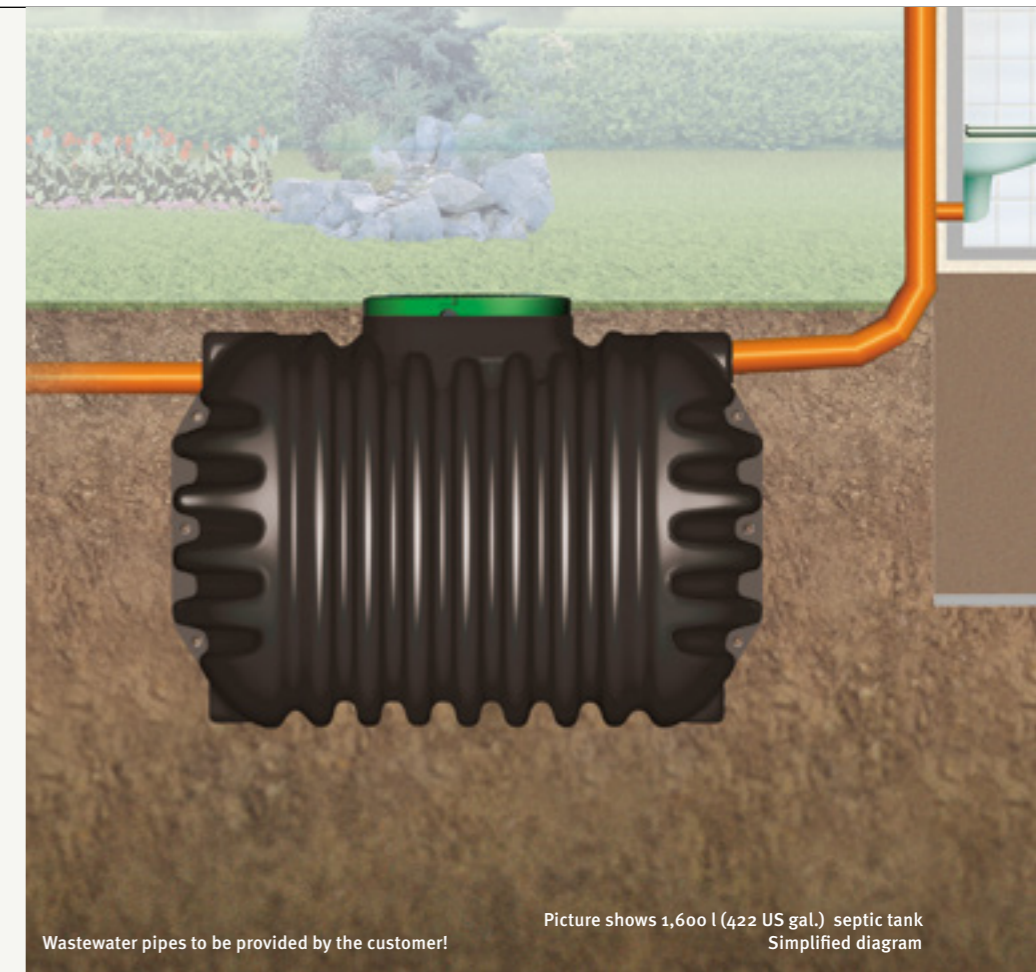
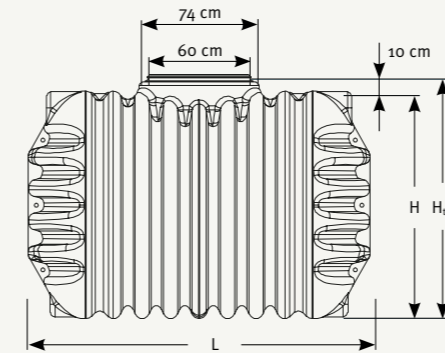
(with telescopic end 1 m (3.3') to be cut on demand)
Order no. 322026



Compact septic tank

The compact wastewater solution

- Easy to transport thanks to low weight of just 65 kg (143.3 lbs) (size 1,600 l (422 US gal.))
- Only one tank covering in the garden
- Pre-fitted lip seals for fast and safe assembly
- Groundwater stable up to 50 cm (19.7") above the tank base
- Can be used as a cesspool and as a septic tank with biological filter (Anaerobix)



Compact septic tank 1,600 l (422 US gal.), green

Order no. 200974

Compact septic tank 2,650 l (700 US gal.), green

Order no. 200974

Volume	Length L	Width	Height H	Height H _{tot}	Weight
1,600 l (422 US gal.)	210 cm (6'10")	105 cm (41.3")	112 cm (44.1")	122 cm (48")	65 kg (143.3 lbs)
2,650 l (700 US gal.)	210 cm (6'10")	130 cm (51.2")	140 cm (55.1")	150 cm (4'11")	100 kg (220.5 lbs)



Telescopic dome shaft

The standard Cristall or Columbus telescopic dome shaft can be telescoped and shortened in a continuously variable manner. The telescope can also be tilted by 5°. This enables you to adjust your tank covering to the ground surface with ease and pin-point precision.
Order no. 202058



Anaerobix 40 l (11 US gal.)

The filter system Anaerobix is an anaerobic filter system (filled with carrier material) for GARANTIA wastewater tanks. It increases the cleaning performance of a wastewater tank several times over.
Order no. 107884



Infiltration and Retention of Rainwater

Frequent flooding

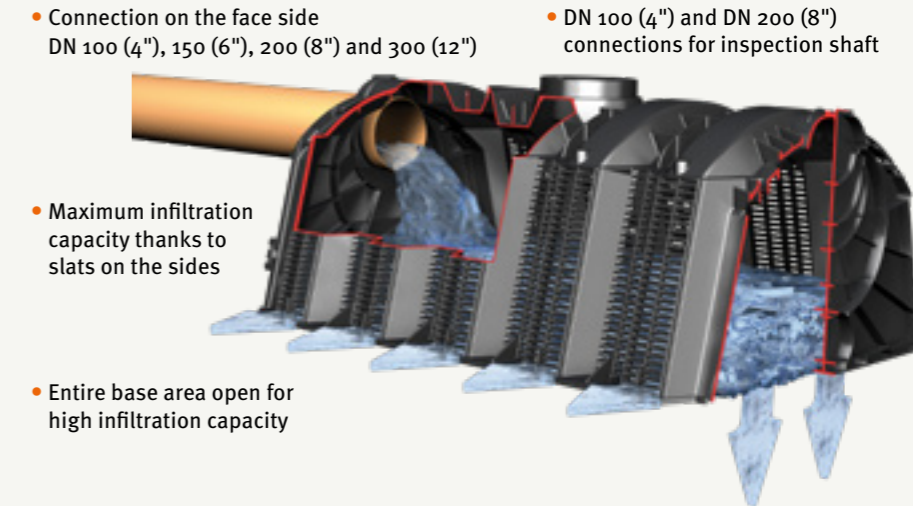
Rainwater infiltration is an increasingly important topic. Towns and communities are increasing water rates and are calling for local on-site infiltration for new builds. GARANTIA infiltration tunnels are the ideal solution for do-it-yourself installation, as they can be installed without heavy devices. The GARANTIA infiltration tunnel has a storage volume that is three times greater than a standard gravel infiltration ditch and therefore replaces approx. 800 kg (1763 lbs) of gravel or a 36 m (188') DN 100 (4") drainage pipe. The system, which consists of one or more tunnel modules and two end plates, can be sized as required. It is laid on one level.



Planning information

Benefits

- High infiltration performance thanks to 3-dimensional through flow
- Easily extendable. For houses, apartment buildings or businesses
- Ideal for do-it-yourself installation – weighs just 11 kg (24 lbs)



1 Infiltration modules

Infiltration tunnel 130

Order no. 410200



Infiltration tunnel 300

Order no. 230010



Infiltration tunnel twin

Order no. 410130



2 Accessoires

Deaeration end

DN 100 (4"), incl. connection pipe
Order no. 369017
DN 150/200 (6"/8")
Order no. 369046

GRAF-Tex geotextile

Size: 2.5 x 2.5 m (8' 2.4" x 8' 2.4")
Order no. 231006

Sold by the metre, roll width 5 m (16' 4.9")

Order no. 231002

Sold by the metre, roll width 2.5 m (8' 2.4")

Order no. 231007

Inspection end DN 200 (8")

Order no. 340527

Infiltration tunnel 130, end plate set

Order no. 410203

Infiltration tunnel/twin end plate set

Order no. 231004

GRAF click-bolt connectors set

Order no. 410094

3 Filter

Drainstar filter

Order no. 340143

Universal filter 3 external

Order no. 340020

Universal industrial filter 3 external

Order no. 340050

Infiltration tunnel	130	300	Twin
L x W x H	1190 x 490 x 320 mm (3' 11" x 1' 7" x 12.6")	1160 x 800 x 510 mm (3' 9.7" x 2' 7" x 1' 8")	1160 x 800 x 1020 mm (3' 9.7" x 2' 7" x 3' 4")
L* (connection of two tunnels)	1165 mm (3' 9.9")	1120 mm (3' 8.1")	1120 mm (3' 8.1")
L** (including end plate)	1240 mm (4' 1")	1200 mm (3' 11.2")	1200 mm (3' 11.2")
Weight	5 kg (11 lbs)	11 kg (24 lbs)	22 kg (48 lbs)

Connection options at face end

DN 100 / 150 / 200 / 300	2 x / - / - / -	2 x / 1 x / 1 x / 1 x	4 x / 2 x / 2 x / 2 x
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Connection options at top

DN 100 / 200	3 x / -	1 x / 1 x	1 x / 1 x
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Installation window

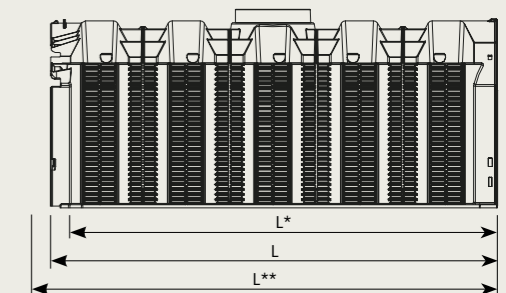
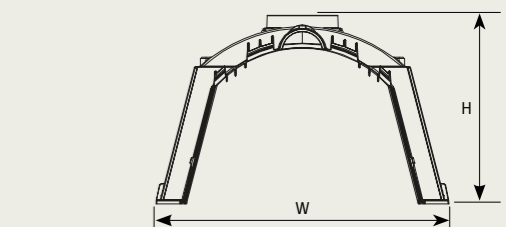
Min. earth covering ¹⁾	150 mm (5.9")	250 mm (9.8")	250 mm (9.8")
Max. earth covering ¹⁾	1200 mm (3' 11.2")	3750 mm (12' 3.6")	1500 mm (4' 11.1")
Max. installation depth ¹⁾	1500 mm (4' 11.1")	4250 mm (13' 11.3")	2500 mm (8' 2.4")
Max. load capacity ²⁾	up to vehicle	up to 60 t	up to vehicle

¹⁾ pedestrian loading

²⁾ see installation instructions

Soil type K _v value	Number of Infiltration tunnels 130		Number of Infiltration tunnels 300		Number of Infiltration tunnels twin	
	100 m ² (1076 ft ²)	bei 200 m ² (2153 ft ²)	100 m ² (1076 ft ²)	bei 200 m ² (2153 ft ²)	100 m ² (1076 ft ²)	bei 200 m ² (2153 ft ²)
Gravel/10 ⁻³	5	9	3	5	2	4
Medium sand/10 ⁻⁴	14	28	7	14	4	8
Fine sand/10 ⁻⁵	26	51	12	24	7	13
Silt/10 ⁻⁶	39	77	19	37	11	21

Sizing in accordance to national standards (DWA-A 138, CIRIA). Based on the rain data of Berlin.



Quality products for your home and garden



You'll find above-ground rainwater tanks in our GARANTIA catalogue, "Rainwater Harvesting in Style" or garden products in our GARANTIA garden catalogue.



Prices:

A price list with our conditions is available on request.

Warranty clause:

The warranty mentioned in this brochure only refers to the tank in question and not to the accessories. Within the warranty period we grant free replacement of the material. Further benefits are excluded. Pre-condition for warranty benefits are proper handling, assembly and installation according to the mounting guidelines.

Over and above the statutory regulation, GARANTIA is lengthening the warranty period for a number of underground tanks. This relates to proper handling, assembly and installation in accordance with the installation manual, as well as leakproofness, usability and static safety. The prerequisites of this are competent assembly and operation in accordance with the requirements, namely the currently valid installation and operating instructions and the prevailing standards.

N.B. Protect tanks from frost when installed aboveground! In case of groundwater installation, please contact us for further information previous to the purchase!

For all indications of measurements in this brochure we reserve a tolerance of +/- 3%. The useful volume of the tanks may be up to 10% lower than the tank capacity, according to the connecting option.

Technical modifications and further development of the different products are subject to change. Errors excepted.

For all our offers and conclusions of contract are only valid our General Terms and Conditions of Business dated 01/10/2012 which we will send to you on request.



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