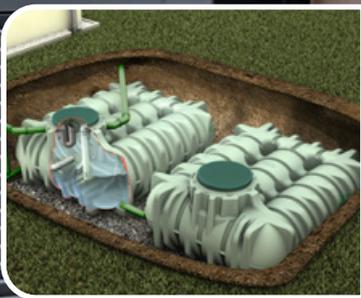
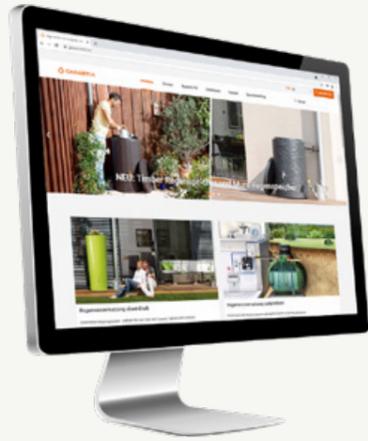


Rainwater. Save. Use.



We offer



www.garantia.com/en

- Detailed product information
- Product advisor "Stylish tanks"
- Product advisor "underground tanks"
- Download instructions, dimensional sketches, etc.



Specialist advice

info@garantia.com

NUMEROUS PRODUCT VIDEOS



www.garantia.com/garantia-tv



Symbols in this catalog



Pedestrian loading



Vehicle loading



Lorry loading



Rainwater infiltration



Garden irrigation



Toilet flushing



Washing machine

Rainwater storage tanks

>> starting page 8



Rainwater tanks

>> starting page 58



Infiltration

>> starting page 86



Retention

>> starting page 88



Wastewater cesspools

>> starting page 90



for a greener planet

Climate change. Our world is currently facing huge challenges. In these times, we need role models. Inspirers who not only preach sustainability, but also put it into practice. Just as we at GRAF are already making an important contribution. After all, it's not just our solutions for rainwater management and other water-related applications that are sustainable through and through. Our approach to produce most of our products from recycled plastics, is also sustainable.

For example, we turn disposable food packaging into an infiltration tunnel that lasts for generations. This is how we can make our cities a little safer against increasing amount of heavy rainfall events. Or rainwater tanks that allow us to water our gardens with a clear conscience, even during hot spells. Quite incidentally recycling saves us about 100,000 tonnes of CO₂ every year – as much as more than 60,000 cars emit.

By the way: we recycle our products ourselves. Our raw materials competence centre makes us unique. It is our heart, which not only contains all our innovative power, but also our lifeblood. For a better world for all of us – for a greener planet.



The GARANTIA recycling cycle



This is us

The whole world is talking about sustainability. For us, it has long been a natural part of our DNA. We recognized the potential of rainwater early on: „Rainwater is free“ was one of our first campaigns back in the 1970s. Rain barrels were produced in our family business as early as 1974. The first underground tanks for rainwater harvesting followed just four years later. GRAF rain barrels have been made from recycled material since 1980. By the way, rainwater is still free of charge. But in times of climate change, drought and heavy rain, sustainable water management is much more than that: it is a valuable contribution to our future.

For this we stand



85 %
share of recycling material



Environmental products for
SUSTAINABLE
water management



100,000 TONNES CO₂ savings
every year as much as 60,000 cars emit



LONG SERVICE LIFE
and spare parts supply



Recycling material
FREE FROM POLLUTANTS



80 % share of renewable
energies in production



Products
FULLY RECYCLABLE



State-of-the-art production
facilities for **LOW ENERGY**
CONSUMPTION

For further information see:
www.garantia.com/sustainability



This is how environmental protection begins

Rainwater harvesting is good for the environment. Collecting small amounts of rainwater already conserves our groundwater reserves. This saves the costly treatment of drinking water and the associated CO2 emissions.

Save money

Drinking water is a precious commodity, too valuable to be used for watering plants. Rainwater harvesting presents a viable alternative. GARANTIA provides stylish rainwater harvesting tanks that are not only cost-effective but also visually appealing.

Experts irrigate with rainwater

When it comes to watering plants, there is nothing better than rainwater. Clean, soft and at a pleasant temperature, it falls from the sky for free. This makes it clearly superior to cold and often hard tap and ground water. As a result, rainwater tanks are becoming a standard element in more and more gardens.

Special filters are used for the ideal connection to the down-pipe, which, in addition to filtering the precious water, also prevents the tank from overflowing.



Choose your tank from over 90 shapes, colours and sizes

MODERN line

>> starting page 12



EXCLUSIVE line

>> starting page 20



CLASSIC line

>> starting page 28



BASIC line

>> starting page 44



TIP
Online product advisor
<https://www.garantia.com/en/water-butts-stylish-tanks/product-advisor-stylish-tanks.html>



This is GARANTIA quality



The integrated planter tray is easily removed and has a depth of 20 cm which allows for individual design with all 2in1 rainwater storage tanks.



DOWNPIPE FILTER & TANK ACCESSORIES
starting page 50

RECYCLING INSIDE

85% of all GARANTIA products are crafted from recycled raw materials, with some reaching 100%. The tank material is fully recyclable. Long-life product design begins during the development phase, guaranteeing minimal environmental impact over time.

CHILDPROOF

GARANTIA's stylish tanks feature a closed tank shape or an integrated cover, making them essentially childproof.

ASSEMBLY ACCESSORIES INCLUDED

Each tank is supplied with matching assembly accessories. This includes, for example, an inlet seal, a plant fleece for the 2in1 storage tanks with planter tray or wind protection for tanks for wall installation.

UV PROOF

GARANTIA's tanks are shielded from sunlight to ensure a long lifespan, minimizing exposure to UV light.

WEATHERPROOF

Rainwater tanks are exposed to the weather and large temperature differences. Materials adapted to these conditions assure the tank has long-lasting visual appeal.

THREADED CONNECTION

A standard 19 mm (3/4") threaded connection ensures the easy installation of the outlet tap (accessory) without drilling. Water extraction becomes very easy with an outlet tap.

COMFORTABLE CONNECTION

An additional connection is available for water extraction, facilitated by the Aqua-Go hose set (sold separately). This connection also allows for complete emptying before the frost period.



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

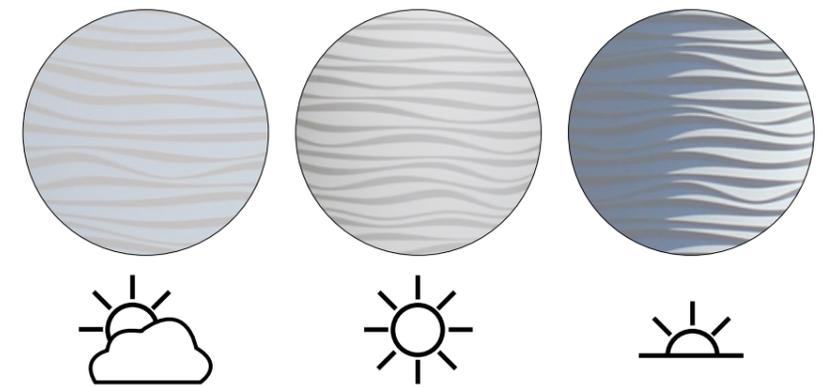
Cesspools

NATURA 2IN1 RAINWATER STORAGE 210 L
graphitegrey, item no. 326156



PURE NATURE!

The tank's wavelike surface structure reveals new facets as the light changes throughout the day. This feature makes the Natura 2in1 rainwater storage tank a lively accent on your terrace.



Natura 2in1 rainwater storage tank



NATURA 2IN1 RAINWATER STORAGE 350L
ocean, item no. 326153



Natura 2in1 rainwater storage tank 210l
ø top 58 cm | ø bottom 42 cm
Height 110 cm | Weight 10 kg

graphitegrey item no. 326156

Natura 2in1 rainwater storage tank 350l
ø top 62 cm | ø bottom 50 cm
Height 150 cm | Weight 15 kg

arctic item no. 326150
sahara item no. 326152
ocean item no. 326153
graphitegrey item no. 326154



NATURA 2IN1 RAINWATER STORAGE 350L
arctic, item no. 326150

3D Decor

arctic



sahara



ocean



graphitegrey



The tank has two high-quality integrated brass threads.

TIP
Chrome outlet tap design
item no. 330254
» Details see page 56



Color 2in1 rainwater storage tank



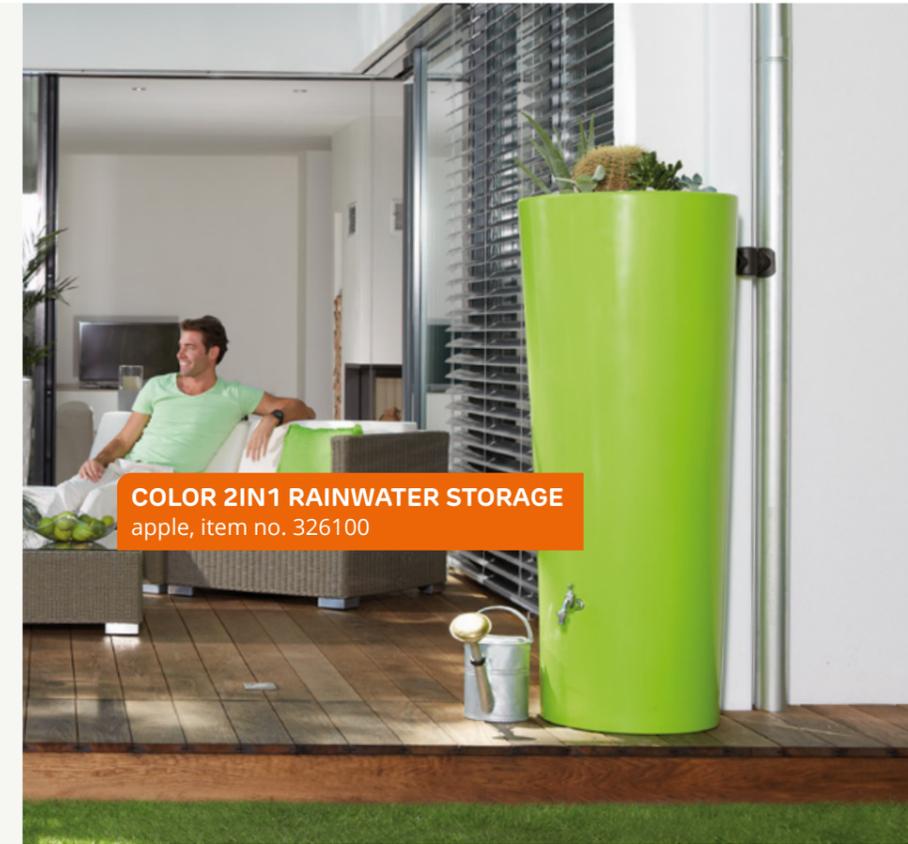
COLOR 2IN1 RAINWATER STORAGE
tomato, item no. 326102

TIP
Chrome outlet tap design
item no. 330254
» Details see page 56



**Color 2in1
rainwater storage tank 350l**
ø top 62 cm | ø bottom 50 cm
Height 150 cm | Weight 15 kg

- apple item no. 326100
- tomato item no. 326102
- coco item no. 326105



COLOR 2IN1 RAINWATER STORAGE
apple, item no. 326100



The tank has two integrated,
high-quality brass threads.



Stone 2in1 rainwater storage tank



STONE 2IN1 RAINWATER STORAGE TANK 350 L
silver, item no. 326140



TIP
Chrome outlet tap design
item no. 330254
» Details see page 56



**Stone 2in1
rainwater storage tank 210 L**
ø top 58 cm | ø bottom 42 cm
Height 110 cm | Weight 10 kg

lava item no. 326142

**Stone 2in1
rainwater storage tank 350 L**
ø top 62 cm | ø bottom 50 cm
Height 150 cm | Weight 15 kg

silver item no. 326140
lava item no. 326141



STONE 2IN1 RAINWATER STORAGE 210 L
lava, item no. 326142



Antique amphora



ANTIQUÉ AMPHORA 600 L
terracotta, item no. 211612

TIP
Speedy rain collector
Downpipe filter with filter insert
item no. 503040



>> Details see page 53

Antique amphora 250 l
Width with handles 79 cm
ø max. 70 cm | Height 108 cm
Weight 15 kg
Depth of integrated planter tray 15 cm

terracotta item no. 211601
darkgranite item no. 211609

Antique amphora 360 l
Width with handles 88 cm
ø max. 78 cm | Height 120 cm
Weight 20 kg
Depth of integrated planter tray 17 cm

terracotta item no. 211602
darkgranite item no. 211610

Antique amphora 600 l
Width with handles 104 cm
ø max. 92 cm | Height 142 cm
Weight 30 kg
Depth of integrated planter tray 20 cm

terracotta item no. 211612
darkgranite item no. 211614

Antique wall amphora 260 l
Width with handles 88 cm
Depth 54 cm | Height 120 cm
Weight 20 kg
Depth of integrated planter tray 17 cm

terracotta item no. 211603



3D Decor

ANTIQUÉ WALL AMPHORA 260 L
terracotta, item no. 211603



Woody wall tank



WOODY WALL TANK
darkwood, item no. 212200

Woody wall tank 350l
Width 124 cm | Depth 40 cm
Height 100 cm | Weight 35 kg

darkwood item no. 212200
lightwood item no. 212201



WOODY WALL TANK
lightwood, item no. 212201

**3D
Decor**

TIP
Outlet tap brass
item no. 220011



>> Details see page 56

darkwood



lightwood



The tank has three integrated, high-quality brass threads.



Each Woody is unique due to the manufacturing process.



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools

Sunda wall tank



Sunda wall tank 3001
Width 80 cm | Depth 40 cm
Height 118 cm | Weight 16 kg

mocca item no. 212100



3D Decor

TIP
Speedy rain collector
Downpipe filter with filter insert
item no. 503040
>> Details see page 53



Very high-quality tank with a modern wicker finish



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools

Rocky wall tank

Rocky Junior wall tank

PREMIUM QUALITY



ROCKY WALL TANK
darkgranite, item no. 326130



ROCKY JUNIOR WALL TANK
lightgranite, item no. 326139

3D Decor

3D Decor

Rocky wall tank 400I

Width 120 cm | Depth 40 cm
Height 100 cm | Weight 35 kg

- darkgranite item no. 326130
- sandstone item no. 326132
- redstone item no. 326131



The tank has two integrated, high-quality brass threads.

Rocky Junior wall tank 300I

Width 80 cm | Depth 40 cm
Height 118 cm | Weight 29 kg

- darkgranite item no. 326138
- lightgranite item no. 326139



Each Rocky Junior is unique due to the manufacturing process.



The tank has two integrated, high-quality brass threads.

2in1 water tank

Linus 2in1 rainwater storage tank

PREMIUM QUALITY



2IN1 WATER TANK
graphitegrey, item no. 326117



LINUS 2IN1 RAINWATER STORAGE TANK
zincgrey, item no. 326170

3D Decor

3D Decor

2in1 water tank 300l
ø max. 62 cm | Height 145 cm
Weight 12 kg

mocca
graphitegrey
zincgrey

item no. 326109
item no. 326117
item no. 326111



Linus 2in1 rainwater storage tank 220l
ø top 58 cm | ø bottom 40 cm
Height 120 cm | Weight 10 kg

zincgrey item no. 326170



Rainwater tank with exquisite design and unique surface structure



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools

Nordic 2in1 rainwater storage tank

Nordic rainwater storage tank

PREMIUM QUALITY



NORDIC 2IN1 RAINWATER STORAGE TANK
stone grey, item no. 326182



NORDIC RAINWATER STORAGE TANK 500 L
graphitegrey, item no. 326190

3D Decor

3D Decor

Nordic 2in1 rainwater storage tank 300l
ø max 59 cm | Height 118 cm
Weight 8 kg

graphitegrey item no. 326180
stone grey item no. 326182

graphitegrey



stone grey



With integrated plant tray for individual design.



Nordic rainwater storage tank 300l
ø max 59 cm | Height 118 cm
Weight 8 kg

graphitegrey item no. 326181
stone grey item no. 326183

Nordic rainwater storage tank 500l
ø max 61 cm | Height 185 cm
Weight 15 kg

graphitegrey item no. 326190

Removable cover for water extraction with integrated child-proof lock.

stone grey



graphitegrey



Timber rainwater storage tank

Barrica rainwater barrel

PREMIUM QUALITY



BARRICA RAINWATER BARREL 260 L
brown, item no. 212130

3D Decor

3D Decor

Timber rainwater storage tank 2301
ø 57 cm | Height 93 cm
Weight 10 kg

brown item no. 212135

Removable cover for water extraction with integrated child-proof lock.



Barrica rainwater barrel 2601
ø max. 65 cm | Height 93 cm
Weight 10 kg

brown item no. 212130

Barrica rainwater barrel 4201
ø max. 78 cm | Height 105 cm
Weight 16 kg

brown item no. 212132

Removable cover for water extraction with integrated child-proof lock.



Muro rainwater storage tank



MURO RAINWATER STORAGE TANK 260 L
graphitegrey, item no. 326160

TIP
Outlet tap chrome
item no. 330282



>> Details see page 56

Muro
rainwater storage tank 260l
ø 60 cm | Height 93 cm | Weight 10 kg

graphitegrey item no. 326160

Muro
rainwater storage tank 420l
ø 79 cm | Height 104 cm | Weight 16 kg

graphitegrey item no. 326162



MURO RAINWATER STORAGE TANK 260 L
graphitegrey, item no. 326160

3D
Decor

Removable cover for water
extraction with integrated
child-proof lock.



Rainwater amphora

PREMIUM QUALITY



RAINWATER AMPHORA 240 L
terracotta, item no. 211700

TIP
Outlet tap brass
item no. 220011
» Details see page 56



Rainwater amphora 240l
ø max. 59 cm | ø Cover 18 cm
Height 118 cm | Weight 8 kg

terracotta item no. 211700

Rainwater amphora 300l
ø max. 68 cm | ø Cover 18 cm
Height 129 cm | Weight 10 kg

terracotta item no. 211701

Rainwater amphora 500l
ø max. 79 cm | ø Cover 18 cm
Height 150 cm | Weight 14 kg

terracotta item no. 211702



RAIN AMPHORA 500 L
terracotta, item no. 211702

3D Decor



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools

Column tank



3D
Decor

COLUMN TANK 330 L
sand beige, item no. 326530

COLUMN TANK 330 L
stone grey, item no. 326531

Column tank 3301
ø max. 59 cm | ø Cover 18 cm
Height 161 cm | Weight 14 kg

sand beige item no. 326530
stone grey item no. 326531

Column tank 2.0001
ø max. 118 cm | ø Cover 18 cm
Height 223 cm | Weight 75 kg

sand beige item no. 326540

Column tank 5001
ø max. 73 cm | ø Cover 18 cm
Height 193 cm | Weight 25 kg

sand beige item no. 326510
stone grey item no. 326512

Column tank 1.0001
ø max. 91 cm | ø Cover 18 cm
Height 222 cm | Weight 44 kg

sand beige item no. 326505
stone grey item no. 326506



TIP
Regendieb Pro grey
item no. 344200

>> Details see page 55



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools

Elegance wall tank

Terranova wall tank

PREMIUM QUALITY



ELEGANCE WALL TANK
sand beige, item no. 212302



3D Decor

Elegance wall tank 400l
Width 60 cm | Depth 60 cm
Height 180 cm | Weight 18 kg

stone grey item no. 212301
sand beige item no. 212302



Terranova wall tank 275l
Width 80 cm | Depth 40 cm
Height 105 cm | Weight 12 kg

graphite grey item no. 212120

Plain, compact
rainwater collector
in plaster look



Water springs

Granite water spring

Base 25 x 25 cm | Column 13 x 13 cm
Height 100 cm | Weight 5 kg

dark granite item no. 356025
light granite item no. 356026

Wood water spring

Base 25 x 25 cm | Column 13 x 13 cm
Height 100 cm | Weight 5 kg

darkwood item no. 356030
lightwood item no. 356031

Rondo water spring

Ø Base 19 cm | Ø Column 12 cm
Height 90 cm | Weight 3 kg

stone grey item no. 356021



Stone fountain

Stone fountain Venezia

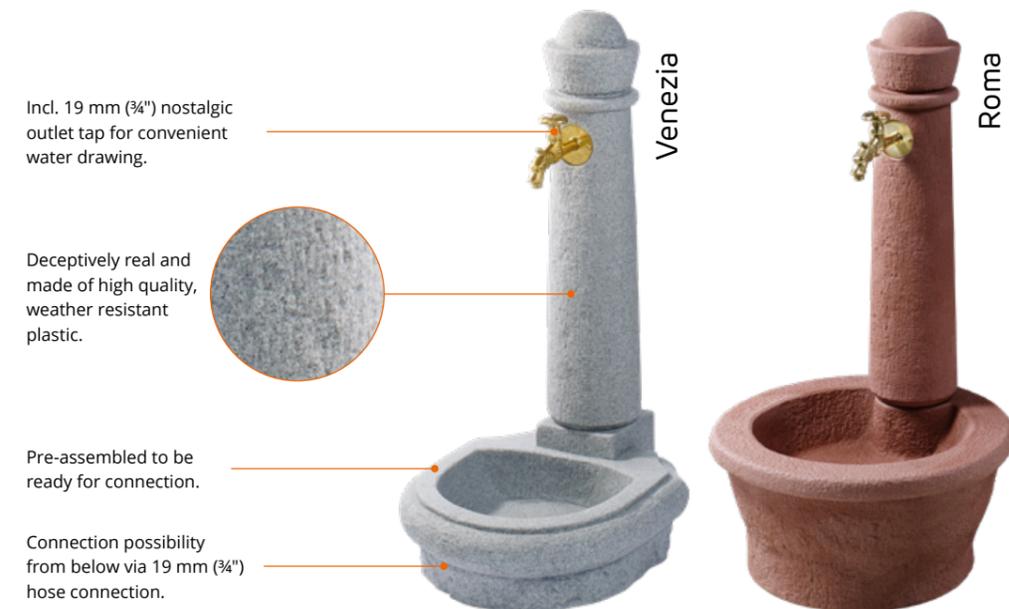
Width 44 cm | Depth 52 cm
Height 90 cm | Height basin 15 cm
Weight 7 kg

light granite item no. 356100
redstone item no. 356102

Stone fountain Roma

Width 54 cm | Depth 58 cm
Height 100 cm | Height basin 25 cm
Weight 8 kg

light granite item no. 356101
redstone item no. 356103



Cubus garden tank



CUBUS GARDEN TANK 340 L
concrete grey, item no. 326042

TIP
Outlet tap chrome
item no. 330282



>> Details see page 56

Cubus garden tank 340l

Width 59 cm | Depth 59 cm
Height 112 cm | Weight 9 kg

concrete grey item no. 326042

Cubus garden tank 700l

Width 80 cm | Depth 60 cm
Height 179 cm | Weight 27,5 kg

concrete grey item no. 326045

Cubus garden tank 1.000l

Width 80 cm | Depth 80 cm
Height 184 cm | Weight 30 kg

dark green item no. 326040
concrete grey item no. 326041



CUBUS GARDEN TANK 1.000 L
dark green, item no. 326040

dark green



concrete grey



The tank has three integrated threads.



Garden tank Classico | Top-Tank



GARDEN TANK CLASSICO 650 L
dark green, item no. 326030



TOP-TANK 1.300 L
dark green, item no. 323001

Garden tank Classico 650 I
Width 80 cm | Depth 60 cm
Height 192 cm | ø Cover 18 cm
Weight 28 kg
dark green item no. 326030

Garden tank Classico 1.300 I
Set consists of 2 x 650 L tank
incl. connection sets (drill,
seal, connection piece)
Width 165 cm | Depth 60 cm
Height 192 cm | ø Cover 18 cm
Weight 56 kg
dark green item no. 326035

Garden tank Classico 2.600 I
Set consists of 4 x 650 L tank
incl. connection sets (drill,
seal, connection piece)
Width 335 cm | Depth 60 cm
Height 192 cm | ø Cover 18 cm
Weight 112 kg
dark green item no. 326036

Top-Tank 1.300 I
ø max. 118 cm | Height 156 cm
Weight 35 kg
dark green item no. 323001

Top-Tank accessories

DN 75 extension set
Consisting of 2 pieces of special seals
(without drill and connecting pipes)
Item no. 322010

**Floating
1" suction fitting**
Without hose
Item no. 330054

DN75 drill
With drive arbour
Item no. 202002

- Suitable for installation in the garden and in the cellar
- Expandable as required
- With 19 mm (¾") threaded connection

- Inexpensive solution for overground rainwater harvesting
- Extremely stable
- Expandable as required
- Moulded sockets: 2 x DN75, 2 x DN110 and 1 x DN200 suitable for standard HT/KG pipes
- Convenient for transportation because it is delivered in two halves.



Water butts



ROUND WATER BUTT 210 L
dark green, item no. 500212

TIP

Rapido rain collector
item no. 503070



>> Details see page 53



Lanzarote water butt
graphite grey, incl. cover, outlet tap and child-proof lock

Volume [l]	Height ¹⁾ [cm]	ø max. [cm]	item no.
300	86	82	500222

Lanzarote water butt stand

Height [cm]	Color	item no.
33	graphitegrey	502015



Siena water butt
taupe, incl. cover, outlet tap and child-proof lock

Volume [l]	Height ¹⁾ [cm]	ø max. [cm]	item no.
300	86	82	500227

Siena water butt stand

Height [cm]	Color	item no.
33	taupe	502016



Square water butt
graphite grey, incl. cover and outlet tap

Volume [l]	Width [cm]	Depth [cm]	Height ¹⁾ [cm]	item no.
300*	80	66	92	501204

*incl. metal bar to improve the stability

Water butt stand

Height [cm]	Color	item no.
33	graphite grey	502021



Square water butt
dark green, incl. cover and outlet tap

Volume [l]	Width [cm]	Depth [cm]	Height ¹⁾ [cm]	item no.
203	70	70	82	501205
300*	80	66	92	501206
520*	124	80	93	501207

*incl. metal bar to improve the stability

Water butt stand

suitable for square water butt [l]	Height [cm]	item no.
203	33	502001
300	33	502004
520	33	502005



Round water butt
dark green, incl. cover and outlet tap

Volume [l]	Height ¹⁾ [cm]	ø max. [cm]	item no.
210	80	77	500212
310	94	80	500213
510	110	100	500214

Water butt stand

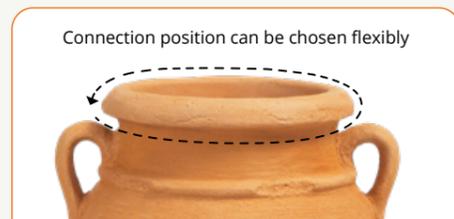
suitable for square water butt [l]	Height [cm]	item no.
210	33	502001
310	33	502002
510	33	502003

¹⁾Height incl. cover

Connection made easy

RAIN COLLECTORS AND DOWNPIPE FILTERS >> starting p. 52

Downpipe filters reliably remove contaminants from rainwater, ensuring the best water quality. Overflowing of the rainwater barrel is prevented by the overflow stop mechanism, allowing excess water to flow back into the downpipe. Additionally, the inflow to the rainwater tank can be halted with a simple switch during winter.



UNIVERSAL HOSE SET >> starting p. 57

The universal hose set and the Aqua-Go hose set (accessories) offer an additional drawing option. They serve to utilise the full tank volume and are a fill level indicator.

The universal hose set is either screwed into the tank's pre-fitted connection or installed on the tank using a drill and a seal (both included in the scope of supply).

The Aqua-Go hose set can simply be screwed in if a threaded connection is available.



STRUCTURE AND CONNECTION OF A RAINWATER STORAGE TANK

This video shows you how to easily set up an over-ground tank, what to pay attention to and how to connect it to the downpipe.



TIP

You can find the entire video at GARANTIA TV at >> <https://www.garantia.com/en/garantia-tv/installation-and-benedits-rainwater-amphore.html>



OUTLET TAP >> starting p. 56

Water drawing becomes very convenient thanks to the GARANTIA outlet tap (accessory). It is screwed into the standard threaded connection of the tank.

Rain collectors

THE ASSEMBLY CHAMPIONS

Installed in 5 minutes

Drill



Plug-in



Ready



Rain collector	Speedy	Rapido
Downpipe diameter	70 - 100 mm	70 - 100 mm
Overflow stop function	•	•
Max. recommended roof area	80 m ²	80 m ²
Water butt connection	32 mm (1 ¼")	32 mm (1 ¼")
Required distance between downpipe and wall	-	-
Switch for summer / winter operation	•	•
Filter element	Plastic sieve	-
Dimensions	Length 16 cm Width 65 mm Height 90 mm	Length 90 mm Width 55 mm Height 106 mm
Item no.	503040	503070



- It is not required to remove the downpipe for installation
- Complete set with core drill, tank connection seal and flexible 40 cm hose

- ✓ With filter insert
- ✓ Summer and winter operation

- It is not required to remove the downpipe for installation
- Complete set with core drill, tank connection seal and flexible 40 cm hose

- ✓ Summer and winter operation



VIDEO TIP

Downpipe filter assembly

<https://www.garantia.com/en/garantia-tv/installation-of-the-garantia-speedy-downpipe-filter.html>



Downpipe filters

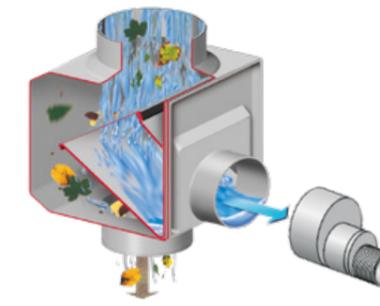
Downpipe filter	Filling device de luxe*	Filling device	Filling device Mini	Regendieb Pro*	Regendieb	Foliage guard
Downpipe diameter	70/80/100 mm	70 – 100 mm	50 – 60 mm	70/80/100 mm	70 – 100 mm	70 – 100 mm
Overflow stop function	•	•	•	•	•	-
Max. recommended roof area	80 m ²	50 m ²	50 m ²	200 m ²	200 m ²	80 m ²
Water butt connection	32 mm (1 ¼")	25 mm (1")	25 mm (1")	DN50, 32 mm (1 ¼")	DN70 DN50, 32 mm (1 ¼")	-
Required distance between downpipe and wall	25 mm	16 mm	17 mm	16 mm	25 mm	5 mm
Switch for summer / winter operation	•	•	•	•	•	•
Filter element	Plastic sieve	Plastic sieve	Plastic sieve	Stainless steel fine sieve	Stainless steel fine sieve	Plastic sieve
Dimensions	Height 150 mm Ø 150 mm	Height 115 mm Ø 130 mm	Height 95 mm Ø 80 mm	Height 255 mm Ø 130 mm	Height 250 mm Width 150 mm Depth 200 mm	Height 350 mm Width 110 mm Depth 180 mm
Colour Item no.	grey 503015 brown 503014	grey 503011 brown 503010	grey 503006 brown 503005	grey 344200 brown 344201	grey 343011	grey 346013



- Incl. 25 cm hose and screw connection



- Filter concept with significantly larger filter surface
- Rotatable filter housing for flexible connection
- Incl. tank connection seal
- Self-cleaning and easy to maintain
- Recommended accessories: Flex-Comfort connection set, page 57



- Incl. tank connection seal
- Recommended accessories: Flex-Comfort connection set, page 57



- Reliably separates leaves and coarse contaminants
- Ideal in areas with a lot of leaves, e.g. as pre-filter
- Self-cleaning and easy to maintain
- Screen surface can be comfortably removed without removing the filter

THE SLIM MASTER FOR LARGE ROOFS

For roof areas up to 200 m²

*For convenient maintenance, a downpipe sliding sleeve for downpipe sizes 70/80 is required.



Accessories – overground tanks



Design outlet tap chrome
This stylish chrome outlet tap is ideal for rainwater tanks from the Modern line. Polished chrome, size 19 mm (¾"), Teflon tape included.

Item no. 330254



Aqua-Quick plastic tap set, 4 pieces
So that water can flow quicker! Complete set of plastic tap in brass design consisting of: Tap with seal and screw connection, connection piece for commercially available hose coupling, 13 mm (½") and 19 mm (¾"), union nut and seals.

Item no. 504044



Aqua-Quick plastic tap
So that water can flow quicker! The Aqua-Quick plastic tap has a 4 x quicker water flow rate than conventional outlet taps. In brass design, suitable for all overground tanks and water butts, size 19 mm (¾"), with sealing ring and lock nut.

Item no. 504040



Outlet tap
A must-have for any stylish tank! Suitable for all products of the Classic and Exclusive line, size 19 mm (¾"), Teflon tape included.

brass item no. 220011
chrome item no. 330282



Tank screw connection
With internal 19 mm (¾") thread made of plastic, suitable for all outlet taps.

Item no. 504025



Outlet tap with tank screw connection
Suitable for Herkules, Top- and Garden tanks. Brass, size 19 mm (¾"), incl. Teflon tape.

Item no. 330044



Water butt outlet tap
With seal and lock nut 19 mm (¾").

Item no. 504011



1" Hose connector
for 32 mm hose, incl. seal and lock nut

Item no. 220021



Water butt overflow bend
With hose connection

32 mm (1 ¼") Item no. 330041
51 mm (2") Item no. 330043



Universal ¾" hose set
Set for complete emptying and water level indication of overground rainwater storage tanks. Consisting of 2.15 m flexible hose, Aqua-Quick plastic tap, drill and assembly accessories. Suitable for **every** tank.

Item no. 220015



Water butt connection set
Consisting of two hose nozzles with lock nut and 25 cm hose.

19 mm (¾") item no. 504017

19 mm (¾") with drill item no. 504018

32 mm (1 ¼") item no. 330031

51 mm (2") item no. 330040



Flex-Comfort connection set
Extra-long and highly flexible connection set (40 cm) for connecting rainwater tanks and for connecting to the downpipe filters Regendieb and Regendieb Pro. Incl. assembly accessories.

Scope of supply:
Flexible 40 cm connection hose, core drill and hose nozzle; 2 x connection pieces each, inlet seal and hose clamp.

grey item no. 220019
brown item no. 220020



Aqua-Go hose set
Convenient water extraction from any height, suitable for all overground rainwater tanks. The transparent hose always shows the current fill level up to a height of 2 m.

19 mm (¾") item no. 220022



Rainwater harvesting is an active way to protect the environment



Drinking water is a strictly controlled commodity. So why should it be used to water the garden or for flushing toilets?

A professional rainwater harvesting system provides you with water of the best quality – clear and odourless. This way, you not only save up to 50% of your drinking water expenses, but also conserve our groundwater supplies.

Save on the surface water drainage charge

Splitted sewerage charges are being introduced in more and more municipalities. The surface water drainage charge levied in this context is determined on the basis of the built-up and sealed areas that are directly or indirectly discharged into the public sewerage system. The installation of a rainwater harvesting system (with downstream infiltration) helps to save these fees. However, not only are costs saved, but the environment is also relieved.

MORE INFORMATION ON THE TOPIC OF SUSTAINABILITY
www.garantia.com/sustainability



Durable and 100% recyclable

As a standard practice, we prioritize waste avoidance. All GARANTIA products are fully recyclable and designed for maximum durability. Over time, this reduces resource demand and minimizes environmental impact.

In-house recycling

Thanks to many years of intensive research, GARANTIA products are made from 85% recycled raw materials. This further improves the environmental balance of the GARANTIA product range.

Green production

State-of-the-art production facilities ensure significantly lower energy consumption than the industry standards. The heat generated during production is used by a modern heat recovery system to heat the production and logistics buildings. This optimises the CO2 balance of GARANTIA products.

Garden & House complete packages starting page 62

The GARANTIA modular system starting page 66

Columbus retention tank starting page 88

Invest once and save up to 50% of drinking water!

Not all domestic applications require drinking water quality. With little effort, groundwater reserves can be conserved and the energy consumption for drinking water treatment reduced. GARANTIA rainwater harvesting systems help in making this possible – and also serve to prevent flooding and preserve the natural water cycle. The possible savings are up to 50%!

GARANTIA products come with everything you need for professional rainwater harvesting. They are sophisticated and ideal for self-installation.

What you need drinking water for:



This can be substituted:

Did you know?



*Ø Precipitation in Germany 850 L/m² x 100 m²/12 months

This is GARANTIA quality



TANK COVER

Whether it's a green plastic cover for pedestrian area or the car-passable version made of cast iron, GARANTIA provides the appropriate cover for every installation scenario.

CONNECTION INTERFACES

All GARANTIA underground tanks are fully prepared for connection. Tanks and manholes come with pre-assembled lip seals.

EASY INSTALLATION

GARANTIA underground tanks are easy to handle due to their relatively low empty weight and still offer the required stability for groundwater installation.

100% RECYCLABLE

GARANTIA tanks are 100% recyclable. Long-life product design is a top priority as early as during the product development phase. The production takes place on the most modern production facilities. This ensures less environmental impact in the long run.

EVERYTHING CAN BE INTEGRATED IN THE TANK

Filter rainwater inside the tank and then use it for watering the garden, flushing the toilet and washing machine. GARANTIA offers you different solutions for filter systems and rainwater harvesting.

Due to the integrable filter technology, no separate filter duct is required. The assembly becomes quick and easy without the need for tools.

TIP
Use the online product advisor to interactively calculate the required rainwater tank volume, drinking water savings and surface water drainage charge.

<https://www.garantia.com/en/rainwater-tanks/product-advisor-tanks.html>





Garden package Comfort



Simplified representation
Picture shows garden package Comfort with 4,500 L Columbus underground tank

TIPP
Downstream infiltration
Ideal for saving fees
[» Details starting page 86](#)

- ✓ Tap water like electricity from the socket
- ✓ The submersible pump with integrated pump control gives you maximum ease of use (pump switches on and off automatically)
- ✓ Convenient water extraction through water socket



Scope of supply

- 1 Cristall (page 68), Li-Lo (page 70) or Columbus (page 72) series underground tank
- 2 Telescopic dome shaft (page 74)
- 3 Pedestrian tank cover (page 74), childproof lock

Filter package (page 76)

- 4 Filter basket to hang in the tank

Technology package (page 78)

- 5 10 m pressure hose 25 mm (1")
- 6 External water socket
- 7 Stainless steel submersible pressure pump NiRo 30

Garden package Comfort

Product	Volume [l]
Cristall	1.600
	2.650
Columbus	3.700
	4.500
	6.500
	9.000*
Li-Lo	1.500
	3.000
	5.000
	7.500

* Set consisting of 2 Columbus underground tanks 4,500 L (connection pipes to be provided on site)

Accessories
Car module consisting of cast iron cover ø 65 cm and cast iron frame ø 73 cm

Item no.: 202059



House package **PRO**line



STATE-OF-THE-ART TECHNOLOGY

Simplified representation
Picture shows Proline house package with 4,500 L Columbus underground tank

- ✓ Always keep track with the digital level indicator
- ✓ On-demand drinking water feeding in-house into the service water network
- ✓ Low-noise branded centrifugal pump



Scope of supply

- 1 Columbus underground tank (page 72) or Li-Lo underground tank (page 70)
- 2 Telescopic dome shaft (page 74)
- 3 Pedestrian tank cover (page 74), childproof lock

Filter package (page 77)

- 4 Extension package with self-cleaning Supra filter

Technology package (page 79)

- 5 Digital level indicator
- 6 12.5 m suction hose 25 mm (1")
- 7 Floating suction fitting
- 8 Drinking water feeding module
- 9 DN110 wall duct

Basement package **PRO**line

Product	Volume [l]
Columbus	3.700
	4.500
	6.500
Li-Lo	9.000*
	3.000
	5.000
	7.500

*Set consisting of 2 Columbus underground tanks 4,500 L (connection pipes to be provided on site)

Accessories
Car module consisting of cast iron cover ø 65 cm and cast iron frame ø 73 cm

Item no.: 202059



Modular system Create your system individually by choosing from four components.

1 Underground tank



Li-Lo underground tank incl. PE cover, pedestrian passable

1.500 l Item no. 200050 **5.000 l** Item no. 200052

3.000 l Item no. 200051 **7.500 l** Item no. 200053



Cristall underground tank incl. PE cover, pedestrian passable

1.600 l Item no. 200010 **2.650 l** Item no. 200011



Columbus underground tank incl. PE cover, pedestrian passable

3.700 l Item no. 200020 **6.500 l** Item no. 200022

4.500 l Item no. 200021

Installation only with telescopic dome shaft.

2 Tank dome / cover



Telescopic dome shaft Cristall

Item no. 202058



Telescopic dome shaft Columbus/ Li-Lo

Item no. 202057

OPTIONAL



Tank cover for vehicle loading
Max. vehicle weight 3,5 t

Item no. 202059

3 Filter package



Filter package 1

Item no. 202044



Filter package Cristall

Item no. 202569



Filter package Columbus / Li-Lo

Item no. 202556

4 Technology package



Garden-Jet pump package

Item no. 202562



Garden-Comfort pump package

Item no. 202561



House package PRO line

Item no. 202576

Cristall



- ✓ Recommended for garden irrigation
- ✓ Easy transport due to low weight from 65 kg (size 1.600 L)
- ✓ Only one tank cover in your garden thanks to the integrable filter-technology
- ✓ Pre-assembled lip seals for quick and safe assembly
- ✓ Groundwater stable up to 500 mm from the tank bottom

- Scope of supply**
- Underground tank (shaft opening 600 mm)
 - 1 x connection hole incl. DN110 lip seal
 - Plastic cover, double-walled (up to 150 kg loading) with childproof lock, in green colour

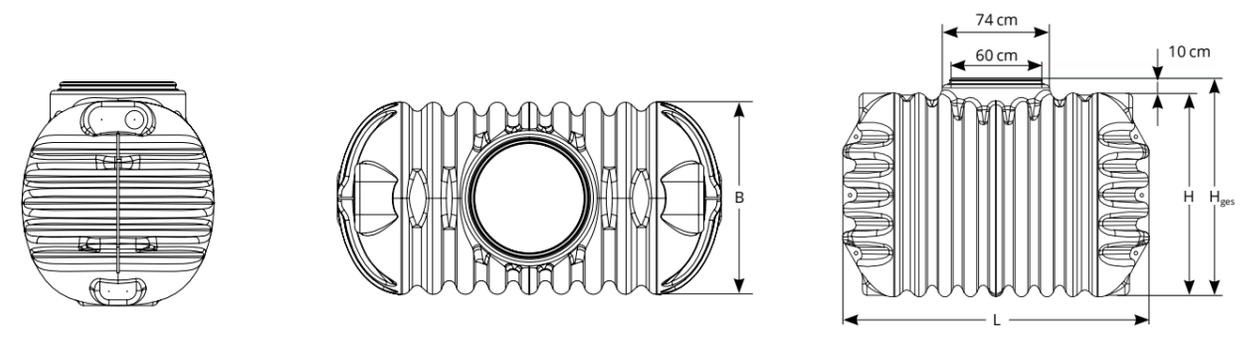
NOTE
 Installation only with telescopic dome shaft Cristall.
 >> Details page 74

Volume [l]	Length L [cm]	Width B [cm]	Height H [cm]	Height H _{ges} [cm]	Weight [kg]	Item no.
1.600	210	105	112	122	65	200010
2.650	210	130	140	150	100	200011

Connection of several tanks on request



UNDERGROUND TANK CRISTALL
 1.600 Liter



Dimensions see table

Technical Data

Max. soil cover:	1000 mm
Vehicle loading:	Max. vehicle weight: 3,5 t Max. axle load: 2,2 t
Soil height for vehicle loading:	800 – 1000 mm
Groundwater stability:	up to 500 mm from tank bottom
Soil height for groundwater installation:	800 – 1000 mm
Connection:	1 x DN110



INSTALLATION INSTRUCTION
 and dimensionn drawings at
<https://www.garantia.com/en/downloads/instructions.html>

Li-Lo underground tank

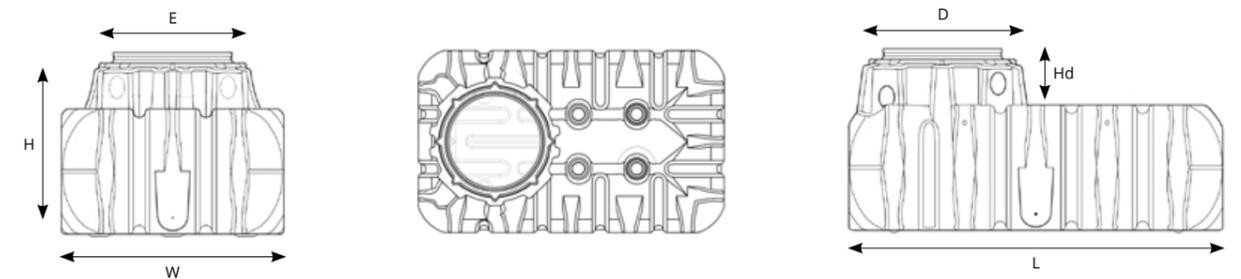
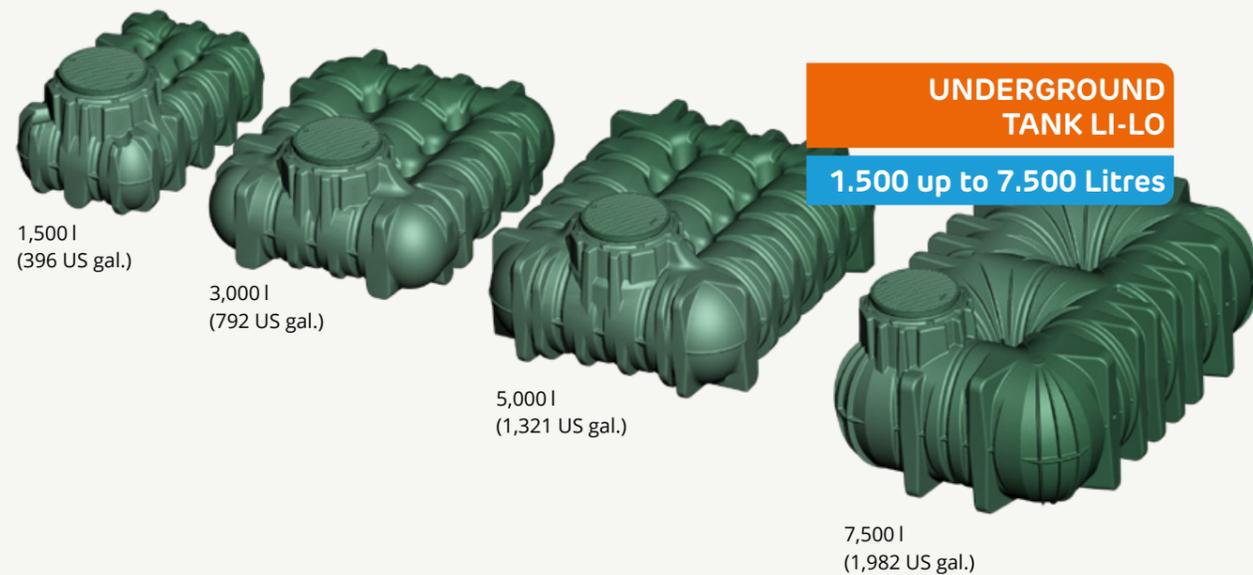


- ✓ Easy transport thanks to its low weight
- ✓ Extremely little excavation required
- ✓ Quick and easy assembly
- ✓ Self-anchored
- ✓ Can be mounted in groundwater up to tank shoulder
- ✓ Suitable for vehicle loading (up to 3.5 t)
- ✓ Includes PE lid double-walled

The Li-Lo underground flat-tank with a tank dome Ø of 65 cm (25.6") and 4 x DN 110 (4") lip seal, including child-proof PE cover with double walls, in green colour.

Volume [l]	Length L [cm]	Width W [cm]	Height to tank shoulder H	Height of tank dome Hd	Ø inlet E	Ø tank dome D	Weight [kg]	Item no.
1,500 l	210 cm	125 cm	70 cm	31.5 cm	65 cm	90 cm	82 kg	200050
3,000 l	245 cm	210 cm	73.5 cm	31.5 cm	65 cm	90 cm	180 kg	200051
5,000 l	289 cm	230 cm	100 cm	31.5 cm	65 cm	90 cm	250 kg	200052
7,500 l	360 cm	225 cm	125 cm	31.5 cm	65 cm	90 cm	360 kg	200053

Connection of several tanks on request



Dimensions see table

Technical data

Max. soil cover:	1200 mm
Vehicle loading:	Max. vehicle weight: 3,5 t Max. axle load: 2,2 t
Soil height for vehicle loading:	800 – 1200 mm
Groundwater stability:	Up to 500 mm from tank bottom
Soil height for groundwater installation:	800 – 1000 mm
Connection:	4 x DN110



Columbus



- ✓ Recommended for rainwater harvesting in the home and in the garden
- ✓ Only one tank cover in the garden thanks to the integrated filter technology
- ✓ Pre-assembled lip seals for quick and safe assembly
- ✓ Groundwater stable up to 800 mm from the tank bottom

Scope of supply

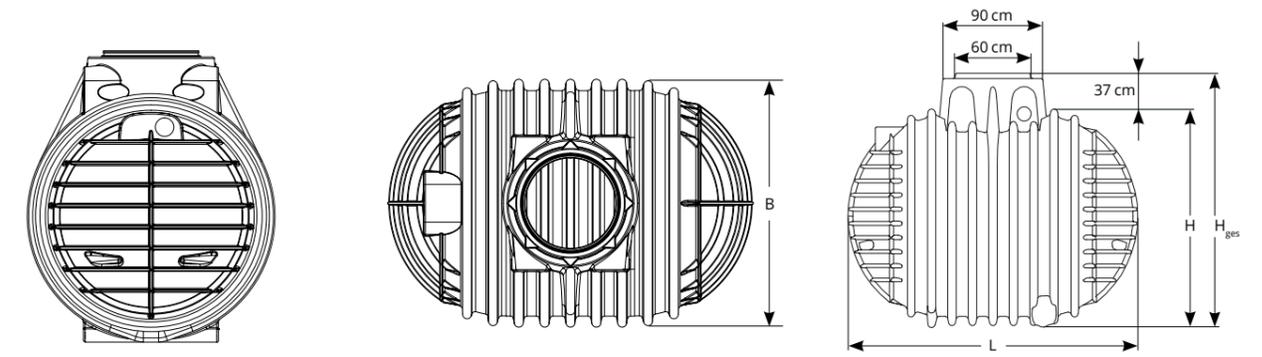
- Underground tank (shaft opening 600 mm)
- 4 x connection holes incl. DN110 lip seal
- Plastic cover, double-walled (up to 150 kg short-term loading) with childproof lock, in green colour

NOTE
Telescopic dome shaft Columbus for frost-proof installation.
>> Details page 74



Volume [l]	Length L [cm]	Width B [cm]	Height H [cm]	Height H _{ges} [cm]	Weight [kg]	Item no.
3.700	244	165	158	195	160	200020
4.500	244	184	177	214	190	200021
6.500	268	202	192	229	300	200022

Connection of several tanks on request



Dimensions see table

Technical data

Max. soil cover:	1000 mm
Vehicle loading:	Max. vehicle weight: 3,5 t Max. axle load: 2,2 t
Soil height for vehicle loading:	800 - 1000 mm
Groundwater stability:	Up to 800 mm from tank bottom
Soil height for groundwater installation:	800 - 1000 mm
Connection:	4 x DN110

INSTALLATION INSTRUCTIONS
and dimension drawings at
www.garantia.com/downloads



Telescopic dome shafts & covers



Telescopic dome shaft Cristall

The Cristall telescopic dome shaft comes with three pre-assembled DN110 lip seals and can be telescoped/shortened. The telescope can also be tilted by 5° in the range of 470 to 950 mm.

This allows you to comfortably adapt your tank cover to your terrain surface with millimetre precision.

ø inside [cm]	ø outside [cm]	Height [cm]	Weight [kg]	Item no.
62	75	47 - 95	14	202058

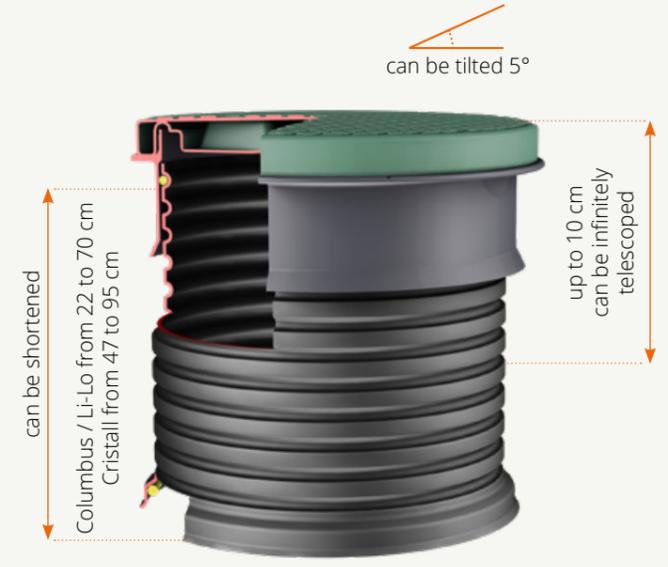


Telescopic dome shaft Columbus / Li-Lo

The Columbus / Li-Lo telescopic dome shaft can be telescoped/shortened. The telescope can also be tilted by 5° in the range of 220 to 700mm.

This allows you to comfortably adapt your tank cover to your terrain surface with millimetre precision.

ø inside [cm]	ø outside [cm]	Height [cm]	Weight [kg]	Item no.
62	75	22 - 70	11	202057



INCLUDED IN THE SCOPE OF SUPPLY OF THE UNDERGROUND TANKS

Green cover for Pedestrian loading

Double-walled plastic cover, childproof lock. The short term load of the pedestrian PE cover is max. 150 kg, the long-term surface load max. 50 kg.



ø [cm]	Height [cm]	Weight [kg]	Item no.
73	8	6	included in the scope of delivery of the underground tanks (p. 68, 70, 72)



OPTIONAL

Tank cover, vehicle loading

Max. axle load 2,2 t
Max. vehicle weight 3,5 t

Car module consisting of:

- Cast iron cover
- Cast iron frame



ø inside [cm]	ø outside [cm]	Height [cm]	Weight [kg]	Item no.
65	72,5	7	61	202059

Filter

Filter basket

- For hanging into the tank dome
- Fine-mesh filtration (ø 0.035 cm)
- Also ideal for retrofitting in existing systems
- Crossbar can be adjusted between 47 – 69 cm
- Roof area max. 200 m²
- 100% water yield



Scope of supply

- 1 Filter basket
- 2 Chain held by crossbar

ø top [cm]	ø bottom [cm]	Height [cm]	Weight [kg]	Item no.
41	33	17,5	1,5	202044

Filter packages

If required, the Cristall, Li-Lo or Columbus underground tanks can be equipped with integrated filter technology. With the Supra filter, you achieve a water quality that allows you to use the rainwater for toilet flushing and washing machines.

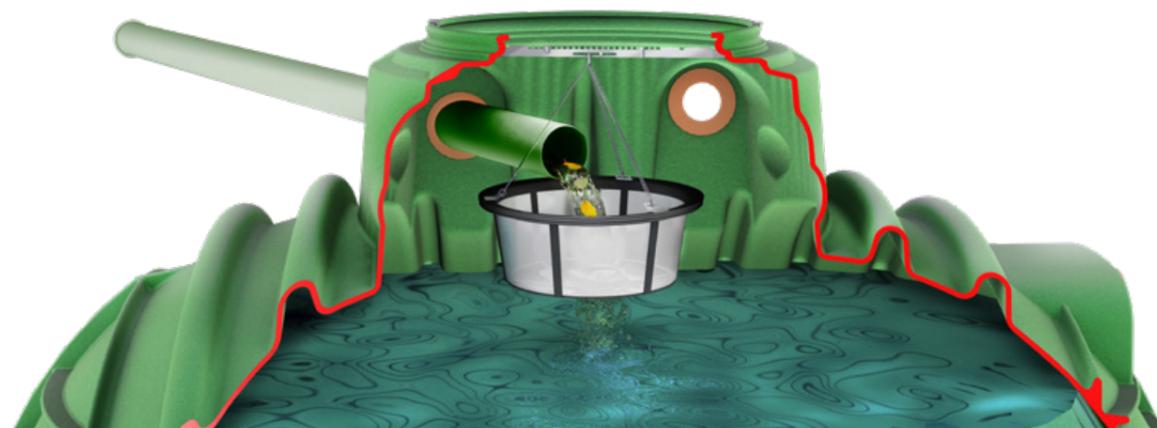
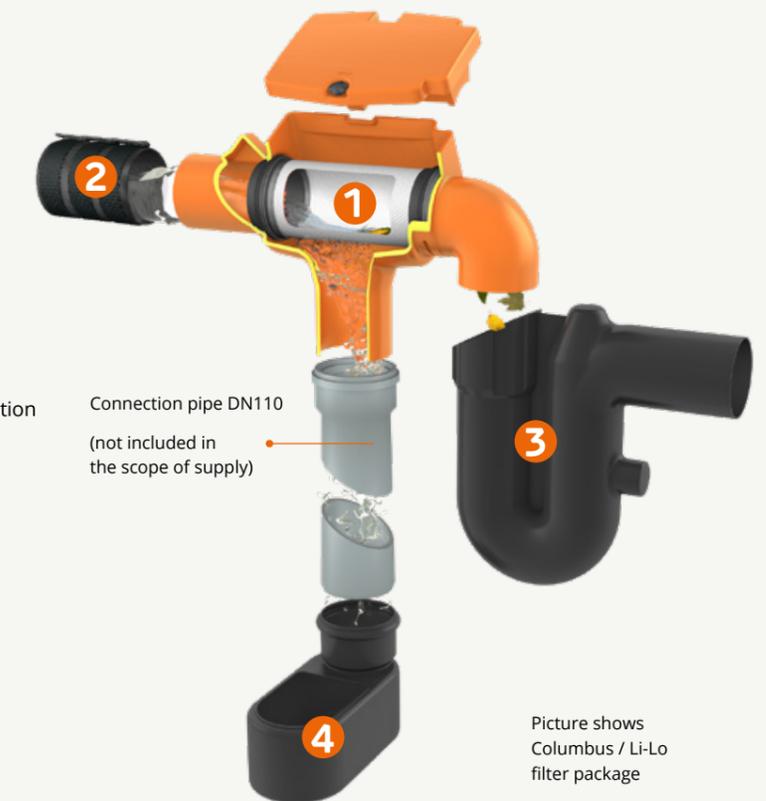
- Max. roof area 350 m²
- Self-cleaning filter with stainless steel filter inserts
Mesh size 0.35 mm
- over 95 % water yield

Filter package Cristall
item no. 202569

Filter package Columbus / Li-Lo
item no. 202556

Scope of supply

- 1 Supra filter internal with straight (Cristall) or curved (Columbus & Li-Lo) outlet
- 2 Patented quick-connection sleeve for pipe-to-pipe connection
- 3 Overflow siphon with small-animal protection
- 4 Steady inflow pot



Garden packages



Garden-Jet pump package

The flexible solution

- 1 Garden Jet-Pump 700
- 2 Suction kit with 12,5 m 1" suction hose
- 3 External water socket

Item no. 202562

Garden-Comfort pump package

Extremely easy to use thanks to automatic pump control

Item no. 202561



1 Submersible stainless steel pump NiRo 30

- With automatic start-stop mechanism
- Motor rating 0.85 kW
- Max. delivery height 32 m
- Max. pressure 3.2 bar
- Max. delivery volume 5.100 L/h

2 External water socket

- For the convenient extraction of rainwater in the garden
- With an automatically switching pump, water is available on demand
- Incl. 2-way valve for commercial hose couplings
- ø 28 cm
- Height 34 cm
- Water supply: 25 mm (1") hose connection

3 Pressure hose

- 10 m pressure hose 25 mm (1")

House package **PRO line**



Technical data

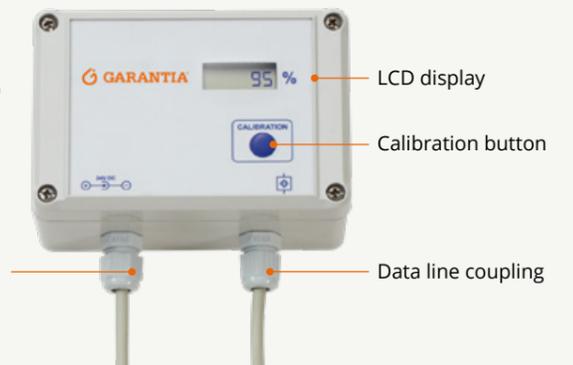
Operating voltage	24 Volt
Power consumption	0,9 Watt
Output voltage	12 Volt
Dimensions (L x B x T)	12 x 8 x 6 cm
Degree of protection	IP 54

Item no. 202576

Scope of supply

- Indicator
- Sensor
- Sensor cable (approx. 3 m) and stainless steel weight
- Data line (approx. 20 m)
- Mains connection

Wall power supply coupling



LCD display

Calibration button

Data line coupling

1 Digital level indicator

It shows the water level in the tank in percentage

4 DN 110 wall duct

- For the safe feeding of supply lines through a wall
- For the feed-through of each
 - 1 x ø 0,8 cm
 - 1 x ø 1,2 cm
 - 1 x ø 4,1 cm
- ø 10 cm wall duct
- Use only with non-pressurised water

2 Drinking water feeding module

- Pre-assembled control unit system
- Fully automatic control of your rainwater harvesting system
- All appliances (e.g. toilet, washing machine) are supplied automatically
- When the tank is empty, the required amount of drinking water is drawn via the integrated drinking water feeding container and supplied directly to the point of consumption
- Ideal for self-installation

>> more information on page 83

5 Labelling set

- To label rainwater lines

3 Floating suction fitting

- Draws water from just below the water surface – where it is the cleanest
- Float ball
- Fine filter
- ø 25 mm (1") non-return valve

6 Suction hose

- 12,5 m suction hose 25 mm (1")

Accessories



Filter technology

Supra filter internal

Self-cleaning, low-maintenance filter with stainless steel filter insert for in tank installation. Only 80 mm height offset with curved and 0 cm with straight outlet between inlet and outlet (channel). Fine-mesh filtration (ø 0.35 mm) for roof areas of max. 350 m², low maintenance, over 95% water yield, DN110 connections.

Supra filter

with curved outlet for Columbus & Li-Lo
item no. 202557

with straight outlet for Cristall
item no. 202559

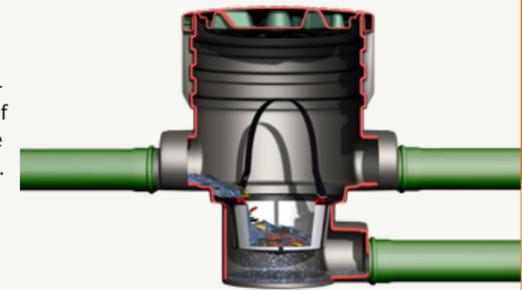


External underground fine filter

Thoroughly cleans the rainwater of impurities. With large removable sieve basket, incl. lifting handle. Fine-mesh filtration (ø 0.35 mm). 100% water yield. DN110 / DN160 connections.

Suitable for domestic use or as a pre-filter for infiltration or pond systems. Roof area max. 350 m², height: 80 cm, can be shortened up to 55 cm by 12.5 cm each.

Item no. 340002



External filter pot

For ground-level installation upstream of the tank. Suitable for garden irrigation or as a pre-filter for infiltration or pond systems.

Connection: DN110
Max. roof area 175 m²
Dimensions: ø 50 cm, Height: 34 cm

Item no. 340003



Control

Drinking water feeding module

Fully pre-assembled system control unit for automatic control of your rainwater harvesting system. All appliances (e.g. toilet, washing machine) are supplied automatically with water.

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

Advantages

- Highly reliable operating system
- Easy installation
- Attractive design
- In accordance with DIN 1988 and EN 1717

Width [cm]	Depth [cm]	Height [cm]	Item no.
61,5	40	60	202040

1 DN75 emergency overflow (on the side)

2 3-way switching valve controlled by a float switch (with a 200 cm connection cable)

3 Integrated drinking water feeding container; volume approx. 32 L with integrated float valve

4 Pump console

5 Efficient, particularly quiet centrifugal pump (only 57 dB(A)) with automatic switch, delivery height: 3500 cm = 3.5 bar delivery volume: 3.600 L/h motor rating: 0.66 kW suction length/height: 1500 cm/300 cm

6 Connection to the drinking water network



Drinking water feeding function

Controls supply of drinking water into the tank, when the rainwater tank is empty
Item no. 202039

Advantages

- Level indication in 1% steps
- Calibration routine
- Constant monitoring of the sensor electronics
- Fixed switching point for the drinking water feeding

1 Drinking water feeding function

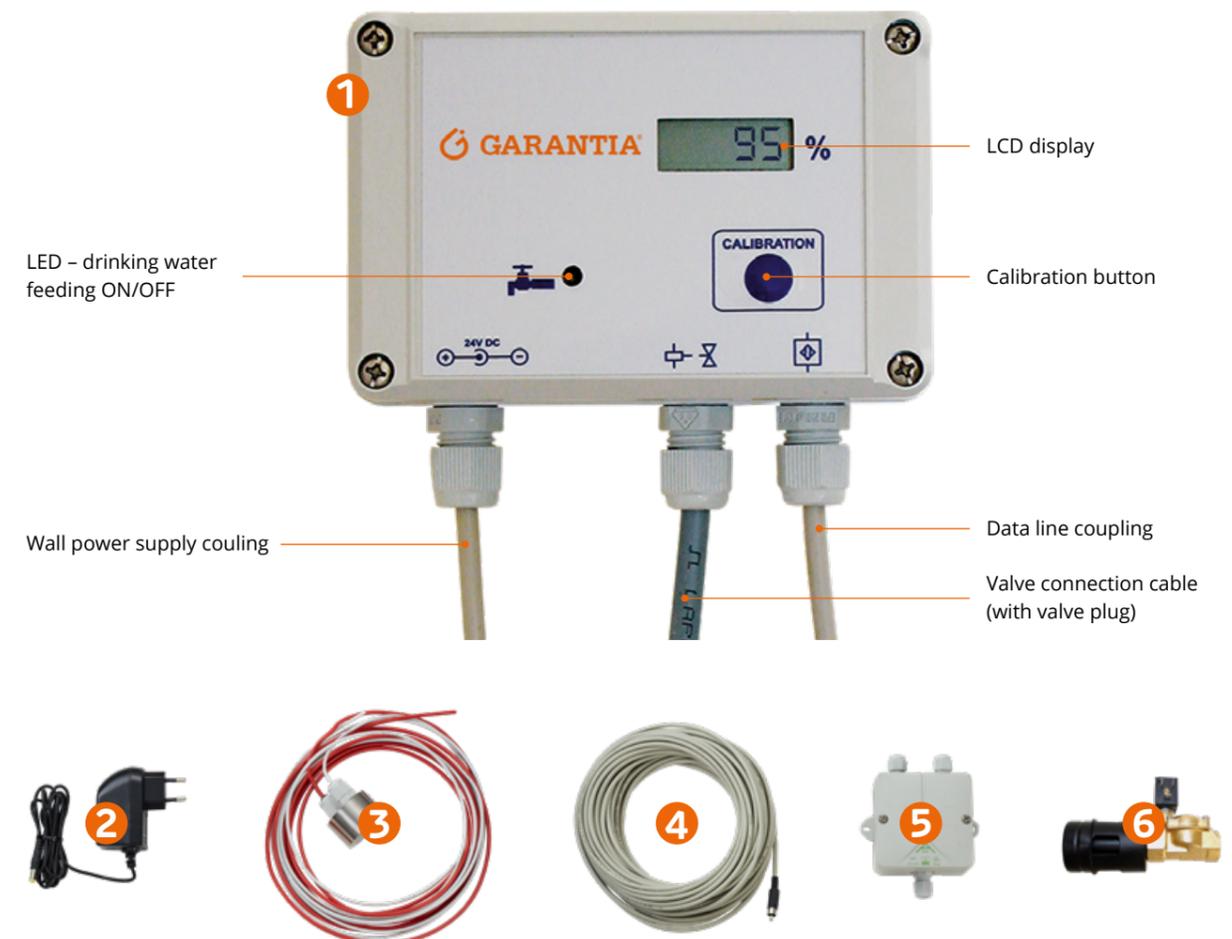
2 Mains connection

3 Sensor cable (approx. 3 m) and stainless steel weight

4 Data line (approx. 20 m)

5 Measurement box

6 Solenoid valve with DIN 1988 pipeinterruption

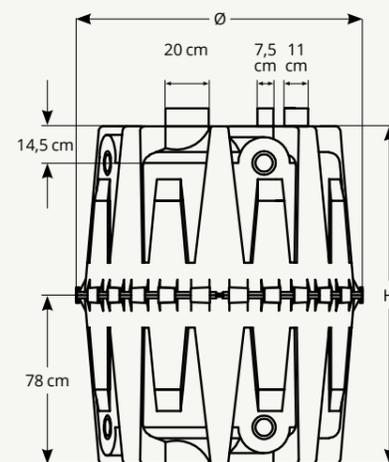




Herkules tank



HERKULES-TANK 1.600 L
Item no. 320001



Volume [l]	Qty. of tanks	Ø [cm]	Height H [cm]	Weight [kg]	Item no.
1.600	1	135	160	60	320001
3.200*	2	see 1.600 l Tank			211001
4.800*	3				211002

*incl. DN110 extension set (connection pipes to be provided on site!)

NOTE
Moulded sockets
2 x DN75, 2 x DN110 and 2 x DN200 suitable for standard HT/KG pipes.

Can be used in 3 variants!



Overground
You can simply place the Herkules tank in the garden.



Underground
Using accessories such as a support pipe and tank dome, the Herkules tank can also be installed underground. The tank can be installed in groundwater up to tanks shoulder.



As a cellar tank
You can also set up the Herkules tank in your basement.

TIP
Brass outlet tap with tank screw connection
>> Details see page 56

Regendieb Pro
>> Details see page 55



TIP
External water socket
>> Details see page 78

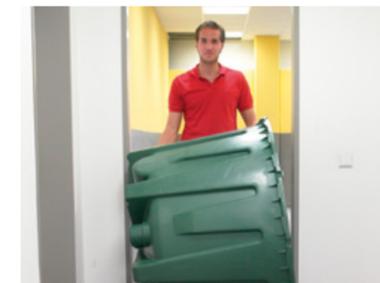


Accessories

Products	Variant	Item no.
Extension set consisting of 2 pcs. of special seals for Herkules tank (without drill)	DN75	202029
	DN110	202028
Drill with shank holder	DN75	202002
	DN110	202003
Tank dome DN200 with telescopic end (1 m long, can be shortend)		322026
DN160 support pipe for underground installation		322014
Floating suction fitting 1" with fine-filter		330054



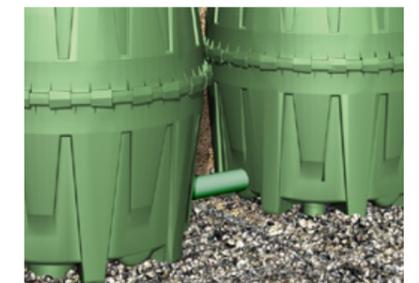
Easy assembly!



Convenient transport
Approx. 30 kg per tank half allow for convenient transport and installation by hand. Its half shells fit through any standard door with a width of 80 cm.



Insert the seal. Connect the tank halves.
The two half shells are permanently tight due to the solid profile seal and quick connectors. Disassembly possible.



Install tank. Volume can be extended as required.
The extension sets allow for a convenient combination of several tanks.



Rainwater infiltration

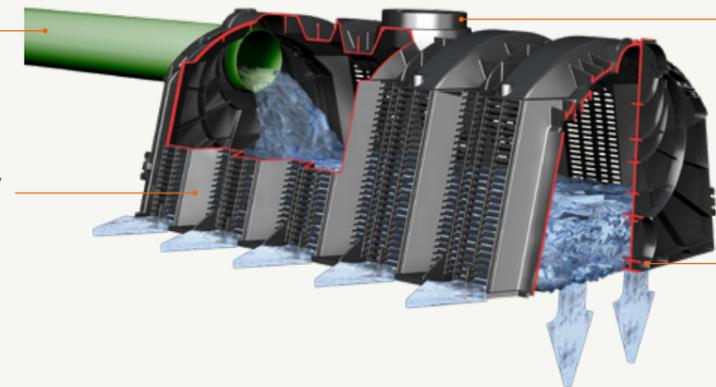
The infiltration of rainwater is getting more and more important. Towns and communities are increasing the surface water drainage charge and are calling for local on-site infiltration for new buildings.

- Ideal solution for self-installation – only 11 kg weight per tunnel
- Three times higher storage volume than a conventional gravel infiltration ditch
- Replaces approx. 800 kg of gravel or a 36 m DN110 drainage pipe
- Vehicle loading with ≥ 25cm soil cover
- Different installation schemes possible. For single-family homes, apartment buildings or commercial businesses
- Allows for the free design of the surface

- 1 Pre-filter for roof areas
- 2 Infiltration elements
- 3 Inspection end
- 4 Ventilation



Face end connections DN110, 160, 200 and 315



Connections for DN110 and DN200 inspection shaft

Entire base area open for high infiltration capacity

Maximum infiltration capacity thanks to slats on the sides

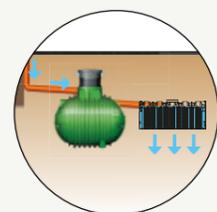
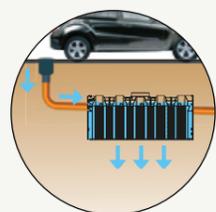
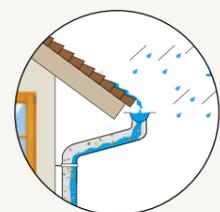


Infiltration tunnel sets

Incl. 2 end plates, deaeration end and geotextile

Volume [l]	Quantity	Length [cm]	Width [cm]	Height [cm]	Weight [kg]	Item no.
300	1	120	80	51	15	230023
600	2	238	80	51	26	230020
900	3	354	80	51	38	230024
1.200	4	470	80	51	48	230021
1.800	6	702	80	51	71	230022

Other sizes on request.



Sizing

Soil type Kf value	Required number of infiltration tunnel	
	at 100 m ²	at 200 m ²
Gravel 10-3	3	5
Medium sand 10-4	7	14
Fine sand 10-5	12	24
Silt 10-6	19	37

Sizing in accordance to DWA-A 138 required. Based on rainfall data in Berlin.

TIP
To get a first assessment of whether the subsoil is suitable, visit www.garantia.com/en/stormwater-management



Surface water drainage charge

e.g.
connected roof area 150 m²
charge rate per m² 1,80 €*

There are different requirements for infiltration systems. Please contact your municipality for more information.

yearly savings 270,- €

*Please enquire about your charge rate at the responsible authority.



Infiltration tunnel 300
300 l, lorry loading
Item no. 230010

Geotextile
For one infiltration tunnel, 250 x 250 cm
Item no. 231006



Herkules infiltration tank 1,600 l
Incl. support pipe; geotextile and filter required (accessories)
Item no. 200201

More information about the tank on page 84



End plate
Set | 2 pieces
Item no. 231004

Roll width 500 cm, material sold by the metre
Item no. 231002

For Herkules infiltration tank 500 x 400 cm
Item no. 369015



Deaeration end
To allow the air to escape when filling the infiltration system

DN110, incl. connection pipe
Item no. 369017

DN160/200
Item no. 369046

DN200 tank dome

For infiltration tunnel or Herkules infiltration tank. With telescopic end (100 cm long, can be shortened) Check and inspection function
Item no. 322026



TIP
External underground fine filter 100% water yield
Item no. 340002 page 81

Retention tank

A retention tank holds back rainwater and releases it to the sewage system with a delay. This relieves the sewage system during rainfalls. For the time-delayed release of the rainwater, a drain throttle is installed in the retention tank. The drain value can be set between 0.05 to 2 L/ sec.

During heavy rainfall, the water level of the tank rises briefly and acts as a buffer. The throttle slowly releases the accumulated volume into the sewer system or an infiltration system.

An integrated emergency overflow in all Garantia retention tanks prevents the storage tank from overflowing.

Columbus retention tank

Volume [l]	Item no.
3.700	201350
4.500	201351
6.500	201352

When ordering, please specify the desired outlet value between 0.05 to 2.0 L/sec. Higher outlet rates on request.

Scope of supply

- 1 Columbus retention tank (page 72)
- 2 Columbus telescopic dome shaft (page 74)
- 3 pedestrian lid/cover (page 74)
- 4 Floating drain throttle, drain set with emergency overflow DN110 connection

Our recommendation

- Filter package 1 (page 76)**
- 5 Filter basket



Retention tank Plus

INCLUDING RAINWATER HARVESTING

Do you need to install a retention tank, but don't want to do without the benefits of a rainwater harvesting system? The GARANTIA retention tank Plus combines rainwater retention and rainwater harvesting.

The tank is chosen to be somewhat larger for this purpose, depending on requirements. In this way, in addition to the required retention volume, some of the rainwater can also be re-used e.g. for

- Garden irrigation
- Toilet flushing
- Washing machine
- Cleaning work

and save up to 50% drinking water!

Columbus retention tank Plus

Volume [l]	Retention volume [l]	Harvesting volume [l]	Item no.
3.700	1.500	2.200	201353
4.500	2.000	2.500	201354
6.500	3.000	3.500	201355

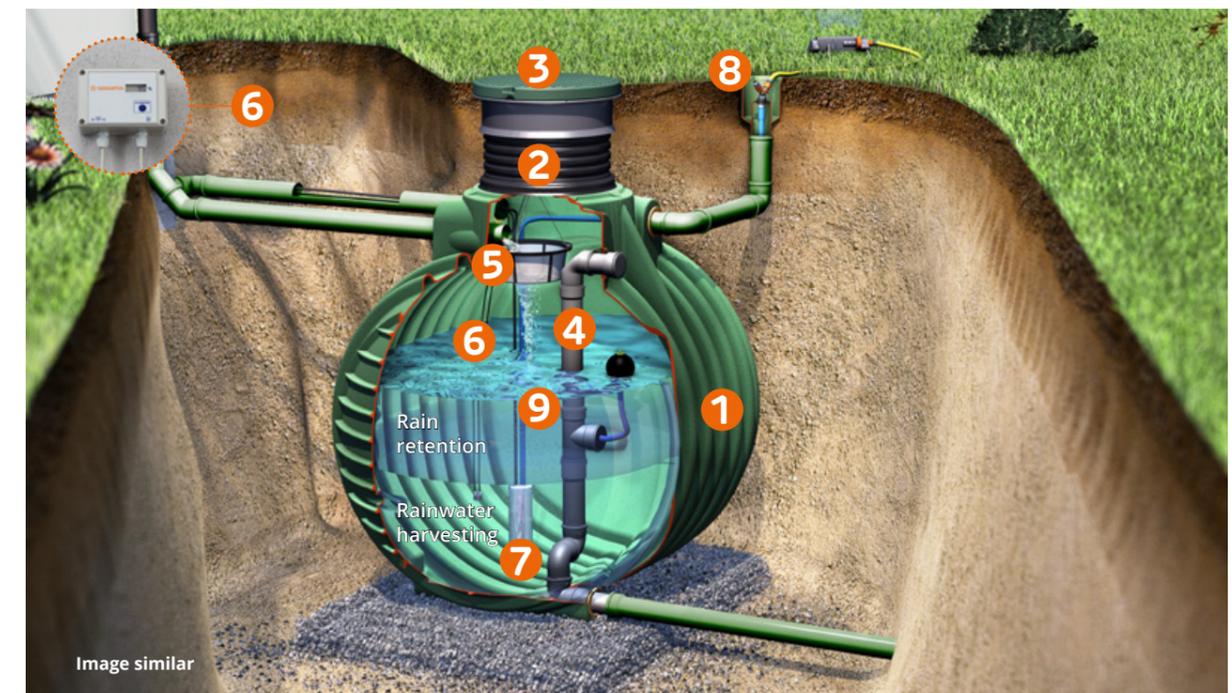
When ordering, please specify the desired outlet value between 0.05 to 2.0 L/sec. Higher outlet rates on request.

Scope of supply

- 1 Columbus retention tank (page 72)
- 2 Columbus telescopic dome shaft (page 74)
- 3 Pedestrian tank cover (page 74)
- 4 Floating drain throttle, drain set with emergency overflow DN110 connection

Our recommendation

- Filter package 1 (page 76)**
- 5 Filter basket
- Technology package Garden Proline**
- 6 Digital level indicator
 - 7 Submersible stainless steel pressure pump NiRo 30
 - 8 External water socket



Wastewater cesspools

✓ Stable design

✓ Easy installation thanks to low empty weight

✓ After cleaning, the tank can also be used as a rainwater tank



Picture shows 3,000 L Stabilus cesspool. Simplified representation, KG pipes to be provided on site!



Stabilus cesspool

Incl. tank dome DN200 with telescopic end

Volume [Liter]	Length L [cm]	Width B [cm]	Height H [cm]	Weight [kg]	Item no.
3.000	327	124	124	140	102017



Columbus cesspool

Incl. telescopic dome shaft and plastic cover

Volume [l]	Item no.
3.700	102032
4.500	102033
6.500	102034

More information about the tank on page 72



Cristall cesspool

Incl. telescopic dome shaft and plastic cover

Volume [l]	Item no.
1.600	102030
2.650	102031

More information about the tank on page 68

Accessories

Digital overflow monitor

Indicates via a visual and acoustic signal that the max. fill level will soon be reached. The sensor part sits in the tank, operated by a 6 V Mignon battery (not included in scope of supply); 20 m cable

Item no. 351017



DN110 deaeration end

To allow the air to escape when filling the cesspool

Item no. 369017



DN200 tank dome with telescopic end

For Herkules cesspools (100 cm long, can be shortened)

Item no. 322026



Rainwater storage tank

Rainwater tanks

Infiltration

Retention

Cesspools



Practical garden helpers

You will find everything on the subject of gardening in our "Garden - Practical Gardening Helpers" catalogue



Please note:

Information on all products and systems in this brochure is subject to changes and errors.

Pictures and photographs are approximate only. The applicable technical documentation for the products shall control, which we will be happy to send you on request.

All offers, deliveries and services are subject to our general terms and conditions, which we will also be happy to send you.



GARANTIA®
A trademark of
Otto Graf GmbH
Kunststoffzeugnisse
Carl-Zeiss-Straße 2 – 6
DE-79331 Teningen, Germany

Tel.: +49 7641 589-0
info@garantia.com

www.garantia.com/en/

With kind regards:

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