



celebrating
50 years

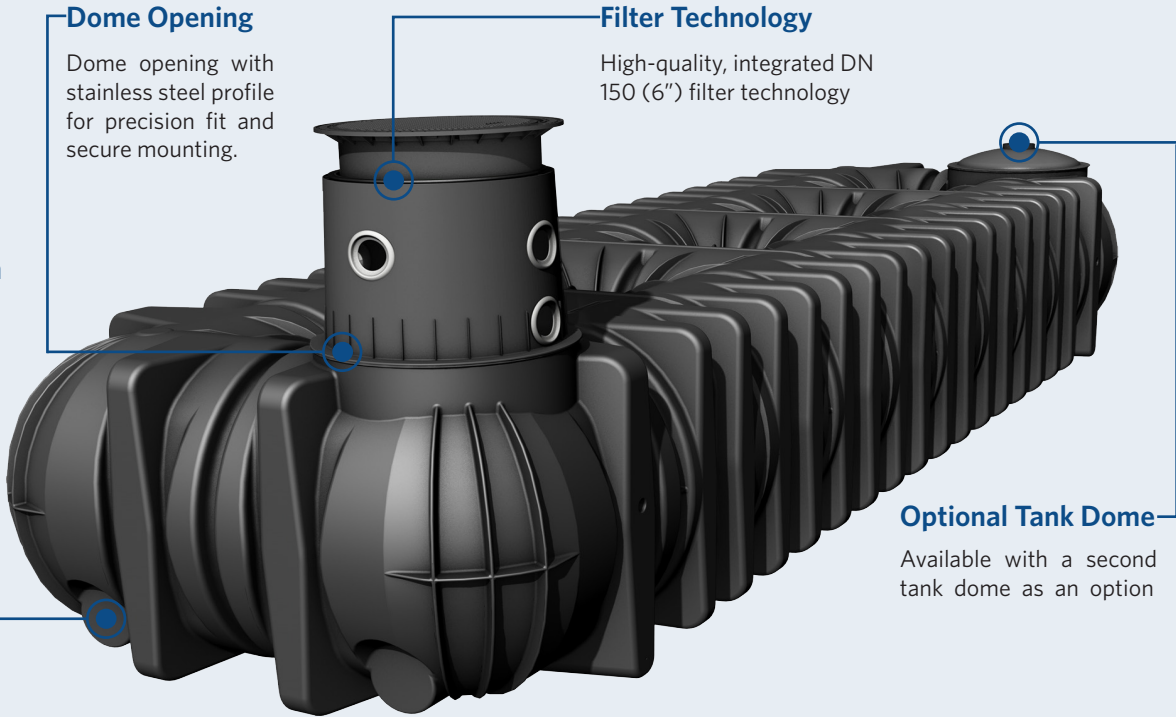
GRAF Platin XL/XXL

Product Specifications &
Technical Data



GRAF Platin XL/XXL

A new dimension in rainwater harvesting



01 Tank

The underground tank Platin is the basis for the modular system. Choose from 10,000 - 25,000 L capacity to get started.

Platin XL 10,000 L (2,650 US gal.) Part: 390822		Platin XL 20,000 L (5,300 US gal.) Part: 391810	
Platin XL 15,000 L (3,975 US gal.) Part: 390823		Platin XL 25,000 L (6,625 US gal.) Part: 391811	

02 Tank cover

Whether installing your tank in the garden or in a driveway, BARR offers a wide range of telescopic tank covers from plastic to cast iron.

Mini telescopic dome shaft Part: 371010	Telescopic dome shaft truck bearing Part: 371021
Tank Dome Mini DN100 ⁽¹⁾ Part: 371064	Tank Dome Maxi DN150 Part: 371062
Maxi telescopic dome shaft Part: 371011	Extension Part: 371003
Tank dome Maxi DN100 Part: 371063	Tank dome Micro Part: 371009
Telescopic dome shaft cast iron Part: 371020	Tankdome plug Part: 371065

(1)Only for use in connection with external filters
(2) Only for use with the Maxi dome shaft DN 100 (4")

03 Filter Package

Looking for the best value solution or high-quality, self-cleaning filter technology? Each filter package contains all components needed in the tank.

Filter Package 1 Basic filter package Order no. 342001	XL/XXL filter package 1 Basic filter package Order no. 342040
Filter Package 2 ⁽²⁾ Garden use Order no. 342002	XL/XXL filter package 2 Garden use Order no. 342041
Filter package 3 ⁽²⁾ Household use 342005	XL/XXL filter package 3 Household use Order no. 342042

04 Pump Package

From simple garden pumps to fully automatic drinking water intake technology. Pump packages also include the accessories needed for installation.

Pump package house professional Order no. 342016	Pump package garden jet Order no. 342010	Pump package house Eco-Plus Order no. 342014
Pump package house Silentio Press Order no. 342015	Pump package garden comfort Order no. 342011	

Platin System Packages

Unique setups for every application



- Platin XL Garden Package**
- Very convenient to use - pump switches on and off automatically
 - Integrated filter technology (100% water yield)
 - Eays installation and convenient water extraction with water hose connection (compatible with standard hose coupling)

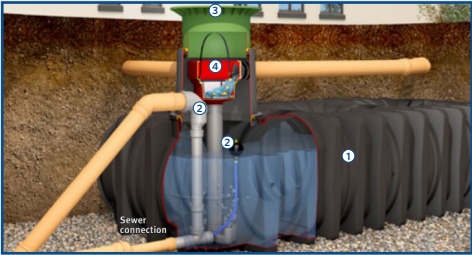
Volume (L)	Volume (US gal)	Connections (DN)
10,000	2,460	150 (6")
15,000	3,960	150 (6")

- Platin XL Garden Jet Package (not shown)**
- Flexible complete solution with Garden Jet pump
 - Integrated filter technology (100% water yield)
 - Easy installation and convenient water extraction with water hose connection (compatible with standard hose couplings)

Volume (L)	Volume (US gal)	Connections (DN)
10,000	2,460	150 (6")
15,000	3,960	150 (6")

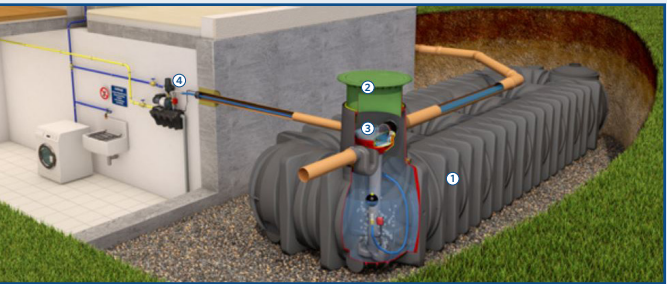
Scope of supply: (1) Platin XL Flat Tank; (2) tank cover (either mini telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750-950 mm (29.5 - 3' 1.4") earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 - 1050 mm (29.5 - 3' 5.3") earth covering; (3) Platin XL/XXL filter package 2 consists of: filter basket including internal universal filter 3 XL, calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Spannfix; (4) **Garden Comfort technical package consists of:** Integra INOX automatic submersible pump, internal and external water socket (prepared for standard hose coupling), floating suction fitting with fine filter and hose, 10m (32' 9.4") pressure hose 25mm 1"; (4) **Garden Jet technical package consists of:** Jet 700 garden pump, internal and external water socket (prepared for standard hose coupling), pump connection set with 1 m (3' 3.8") PVC hose,suction set with 12.5m (41' 0.1") suction hose 25mm 1"

- Platin XL/XXL Detention Cistern**
- Including detention set.



Volume (L)	Volume (US gal)	Connections (DN)
10,000	2,460	150 (6")
15,000	3,960	150 (6")
20,000	5,280	150 (6")
25,000	6,605	150 (6")

Scope of supply: (1) Platin XL/XXL flat tank; (2) Detention set: floating choke drain, outlet fittings with emergency overflow, DN 100 (4") connection. **Not included in the scope of supply:** (3) Matching cover; (4) Installation of optional Platin XL/XXL detention/retention filter package 2



- Platin Eco-Plus Package**
- Low-cost complete solution and patented filter technology
 - Switch to drinking water supply in the home when needed
 - Float switch controlled
 - Only one cover visible on the surface

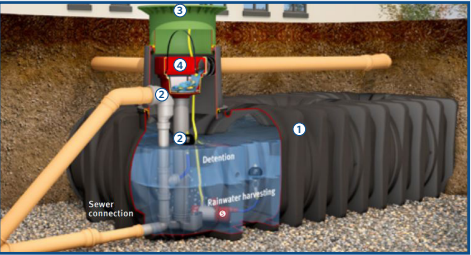
Volume (L)	Volume (US gal)	Connections (DN)
10,000	2,460	150 (6")
15,000	3,960	150 (6")

- Platin Professional Package (not shown)**
- Professional solution with patented filter technology
 - Ultra-quiet operation thanks to encapsulated system control unit
 - Switch to drinking water supply in the home when needed
 - Microprocessor control
 - Digital level gauge
 - Automatic rinse intervals of feed tank and filter
 - Only one cover visible on the surface

Volume (L)	Volume (US gal)	Connections (DN)
10,000	2,460	150 (6")
15,000	3,960	150 (6")

Scope of supply: (1) Platin XL flat tank; (2) tank cover (either maxi telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750-1050mm (29.5 - 3' 5.3") earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750-1050mm (29.5 - 3' 5.3") earth covering; (3) Platin XL/XXL filter package 3 consists of: internal Optimax-Pro filter XL (patented, self-cleaning), calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Spannfix; (4) **Eco-Plus technical package consists of:** Aqua-Center Basic, floating suction fitting with fine filter and hose, wall duct, labelling set, PE suction pipe 25mm 1", length 12m (39' 4.4"), V2A Switch Control; (4) **Professional technical package consists of:** Aqua-Center Silentio, floating suction fitting with fine filter and hose, wall duct, labelling set, internal XL filter cleaning unit, automatic filter cleaning system, reversible flow fine filter, PE suction pipe 25mm 1", length 12m (32' 9.4")

- Platin XL/XXL Retention Cistern**
- Including retention set, split between retention/used volume as requested by customer.



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10,000	2,460	150 (6")
15,000	3,960	150 (6")
20,000	5,280	150 (6")
25,000	6,605	150 (6")

Scope of supply: (1) Platin XL/XXL flat tank; (2) Detention set: floating choke drain, outlet fittings with emergency overflow, DN 100 (4") connection. **Not included in the scope of supply:** (3) Matching cover; (4) Installation of optional Platin XL/XXL detention/retention filter package 2; (5) Garden Comfort technical package.

Technical data

Capacity, connections & dimensions



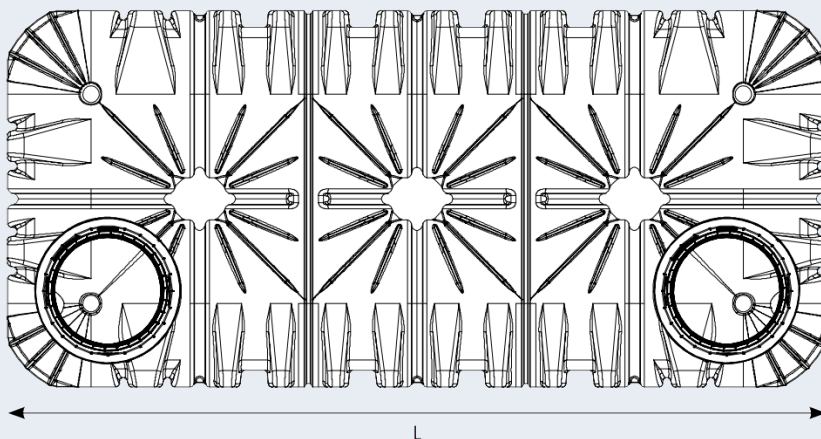
Installation Details

Max earth covering (without groundwater, vehicle loading):	1500 mm (4' 11")
Vehicle loading:	Max. axle load: 2,2 t (4850 lbs) Max. vehicle weight: 3,5 t (7716 lbs) with cast iron cover
Truck-bearing	Max axle load: 11,5 t (25353 lbs) Max vehicle weight: 30 t *66138 lbs) with telescopic dome shaft, truck-bearing in combination with load distribution plat
Earth covering required for vehicle loading:	750-1300 mm (29.5" - 4' 3")
Groundwater stability:	Up to tank shoulder (up to 1250 mm (4' 1"))
Earth covering required for groundwater stability:	750-1500 mm (29.5" - 4' 11")
Connection	Per tank dome Mini DN 100 = 3 x DN 100 (4") Per tank dome Maxi DN 100 = 5 x DN 100 (4") Per tank dome Maxi DN 150 = 5 x DN 150 (6") Optionally up to DN 300 (12")

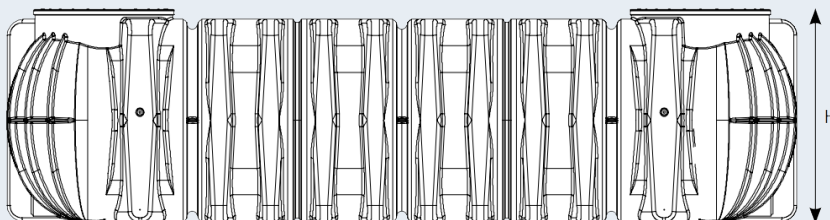
Dimensions

Volume	Width W	Length L	Height H	Weight	Order No.
10,000 L (2,650 US gal)	2250 mm (7' 5")	4900 mm (16' 1")	1300 mm (4' 3")	460 kg (1014 lbs)	390822
15,000 L (3,975 US gal)	2250 mm (7' 5")	7500 mm (24' 7")	1300 mm (4' 3")	710 kg (1565 lbs)	390823
20,000 L (5,300 US gal)	2250 mm (7' 5")	9405 mm (30' 10")	1300 mm (4' 3")	890 kg (1962 lbs)	931810
25,000 L (6,625 US gal)	2250 mm (7' 5")	11665 mm (38' 3")	1300 mm (4' 3")	1105 kg (2513 lbs)	931811

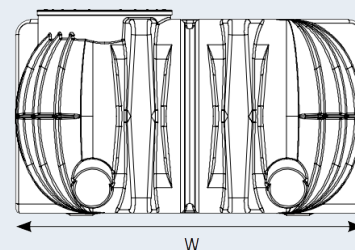
Top view



Side View (L)



Side View (W)



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