AQUABIN®

PRODUCT CATALOG





AQUABIN.PL

About us,

AQUABIN is a brand bringing together products from the water-and-sewage industry intended for household use.

The AQUABIN offer includes products such as septic tanks, drainage and tunnel treatment plants, rainwater tanks, infiltration tunnels and many others. The product range is aimed at corresponding directly with environmental protection needs in the field of water and sewage management.

The AQUABIN offer will be systematically supplemented with our proprietary products and those that you would like to see in it. The high quality of our products and their innovative character are to be synonymous with our new brand.

We will make every effort to ensure that products with the flying pelican logo gain your trust and find their permanent place in your households.

Yours sincerely
AQUABIN Team



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SEPTIC TANKS AND SEPTIC TANKS TREATMENT PLANTS

A septic tank is a basic device used in domestic sewage treatment plants. The septic tank processes sedimentation and flotation of contaminants contained in sewage, as well as sludge fermentation. It is designed for installation in singlefamily homes and summer houses. The correct selection of the tank allows for optimal operating parameters of the sewage treatment system.

AB septic tanks are single chamber (2000, 3000, and 4000 liters) and double chamber (3000 and 4000 liters) tanks made of high-density polyethylene (HDPE). A partition located inside the tank divides the tank into two wastewater treatment chambers: a preliminary chamber and a main chamber.

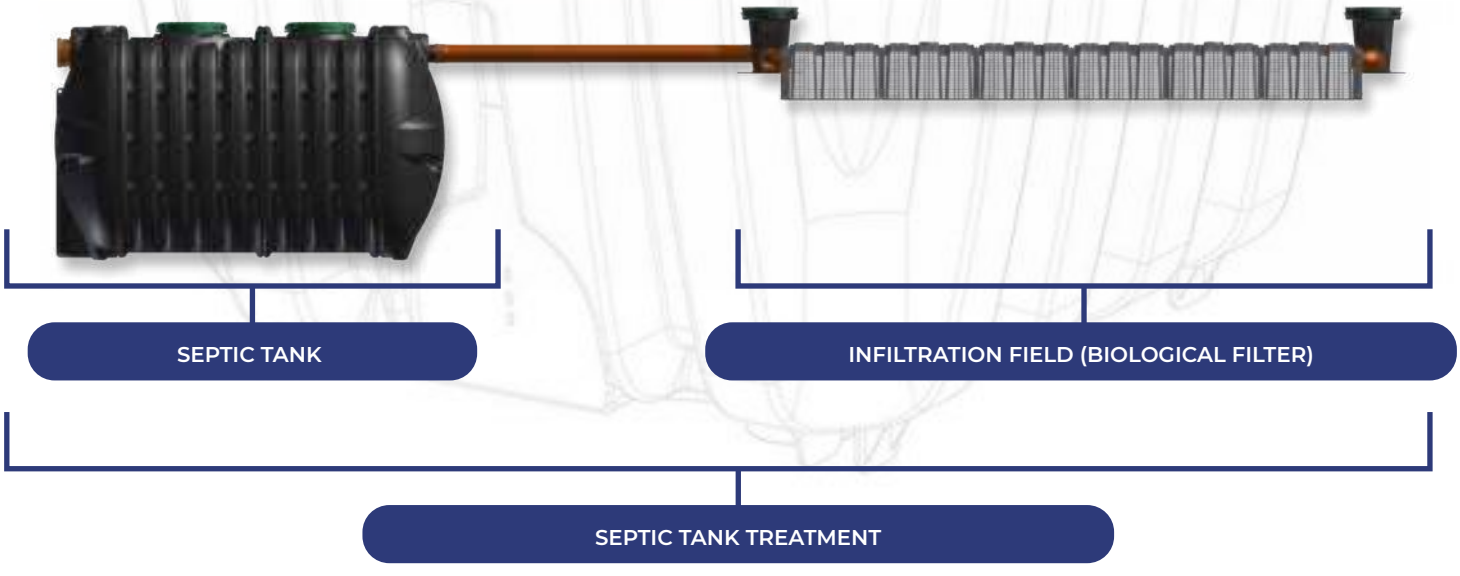
The AB septic tank has an inlet connection with a diameter of Ø160 mm and an outlet with a diameter Ø110 mm. The Septic tanks are also equipped with a basket filled with PP (polypropylene) filter material, which is installed at the tank outlet. The use of this specially constructed filter allows for increased wastewater treatment in the tank, which has a measurable impact on the lifespan of the infiltration bed (biological filter).

Two-chamber septic tanks are devices that achieve increased wastewater treatment efficiency compared to singlechamber tanks. The additional chamber allows for the separation of inorganic fractions and the retention of all heavy and light waste within the preliminary chamber of the tank. The second chamber of the tank contains a basket filled with filter material. This type of tank design allows for a three-stage wastewater treatment process: in the preliminary chamber, the main chamber, and the settling tank basket.

Septic tank AB operting parameters:

SEPTIC TANK TYPE	Number of users - PE (equivalent number of inhabitants)	Daily nominal flow [l/day]
SEPTIC 2000 AB SINGLE CHAMBER	1-4	600
SEPTIC 3000 AB 1 AND 2 CHAMBERS	4-6	900
SEPTIC 4000 AB 1 AND 2 CHAMBERS	6-8	1200

Septic tanks AB are market by CE and complaint with requirements of **EN 12566-1.**



SINGLE CHAMBER SEPTIC TANKS AB



Septic tank 2000 AB – code: 2433



SIGNED CE EN 12566-1

Septic tank 3000 AB – code: 2434



Septic tank 4000 A – code: 2435



Accesories



Riser REHC D400 H200

Code: 2327



Riser REHC D400 H450

Code: 2802



Cover D400

Code: 2441



Bioactivator AQUBIN

Code: 2327



Filtration material 50l

Code: 2326

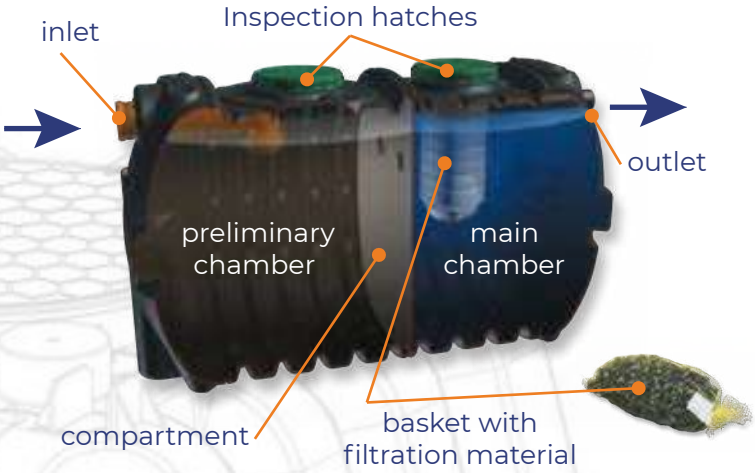
KEY PRODUCT FEATURES:

- light and durable construction with HDPE
- high mechanical resistance
- easy to transport and storage
- screw-on inspection risers
- basket containing a filtration material
- screw-on tight covers
- 10-year warranty on the tank

SEPTIC TANK TYPE	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
SEPTIC 2000 AB	2000	160	110	1700	1220	1530	1240	1220	1 x Ø400	80	**2433**
SEPTIC 3000 AB	3000	160	110	2450	1220	1470	1240	1220	2 x Ø400	90	**2434**
SEPTIC 4000 AB	4000	160	110	3150	1220	1470	1240	1220	2 x Ø400	120	**2435**

DUBLE CHAMBERS SEPTIC TANKS AB





Double chamber septic 3000 AB – code: 2431





Double chamber septic 4000 AB – code: 2432

Accesories



Riser REHC D400 H200

Code: 2327



Riser REHC D400 H450

Code: 2802



Cover D400

Code: 2441



Bioactivator AQUBIN

Code: 2327



Filtration material 50l

Code: 2326

KEY PRODUCT FEATURES:

- light and durable construction with HDPE
- high mechanical resistance
- easy to transport and storage
- screw-on inspection risers
- basket containing a filtration material
- **welded** technical compartment
- 10-year warranty on the tank

SEPTIC TANK TYPE	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
SEPTIC 3000 AB DOUBLE CHAMBER	3000 (2x1500)	160	110	2450	1220	1470	1240	1220	2 x Ø400	95	**2431**
SEPTIC 4000 AB DOUBLE CHAMBER	4000 (2x2000)	160	110	3150	1220	1470	1240	1220	2 x Ø400	125	**2432**

SEPTIC TANKS TREATMENT PLANTS AB

Ready-made septic tank treatment plant products, including the 2000 and 3000 AB single-chamber septic tanks, are designed for installation in well-permeable (sandy) soils. A tight seal for the installation is included in the User's Manual for the device.

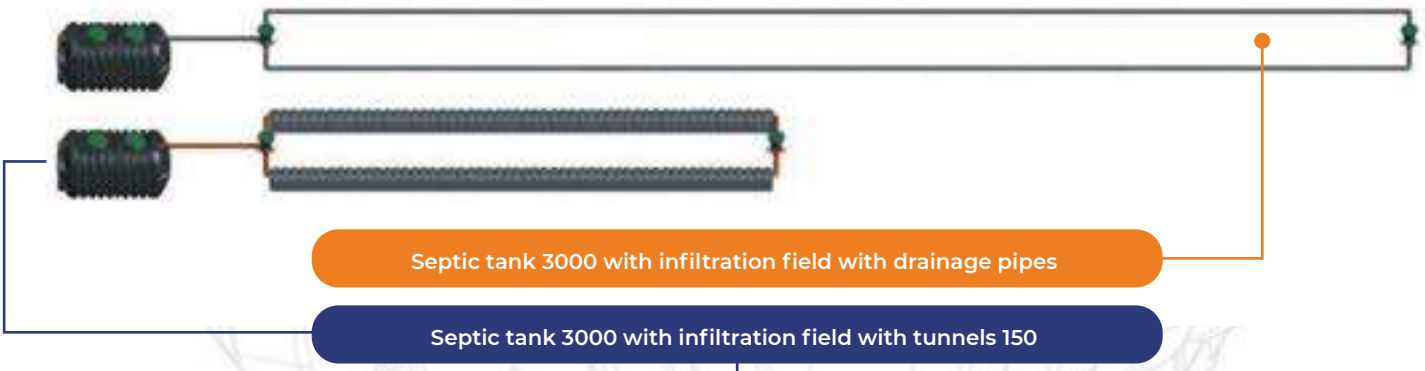
Sets of sewage treatment plants with a infiltration field made of tunnels 150 and drainage pipes.

NAME	Unit	Septic 2000 AB with infiltration tunnels	Septic 3000 AB with infiltration tunnels	Septic 2000 AB with drainage pipes	Septic 3000 AB with drainage pipes
SEPTIC TANK AB SINGLE CHAMBER	[PCS.]	1	1	1	1
DISTRUBUTION BOX D300 AQR	[PCS.]	1	1	1	1
COLLECTION BOX D300 AQZ	[PCS.]	1	1	1	1
DRAINAGE PIPE Ø110/2000 MM	[PCS.]	-	-	16	24
INFILTRATION TUNNEL 150	[PCS.]	12	18	-	-
DECKEL 150	[PCS.]	4	4	-	-
PIPE Ø110/1000 MM	[PCS.]	4	4	4	4
ELBOW Ø110 MM	[PCS.]	4	4	4	4
GEOTEXTILE 0,5 X 50MB	[PCS.]	1	1	1	1
CODE		2438	2439	2436	2437





SIZE COMPARISON OF SEWAGE INFILTRATION SYSTEMS



Build infiltration filed with septic tank AB with infiltration tunnels 150 allows:

- a 50% reduction in the required area for the infiltration filed compared to drainage pipes
- a 40% reduction in the required area for installation compared to a septic tank with drainage pipes system,
- a 90% reduc!on in the amount of aggregate required
- installation of the infiltration field in areas with vehicle traffic up to 3,5 tonnes

BIOLOGICAL TREATMENT PLANTS

The OPTIMAX domestic wastewater treatment plant is a single-tank or two-tank, single-chamber biological wastewater treatment plant operating on the principle of activated sludge using SBR (Sequential Batch Reactor) technology. It is constructed using monolithic tanks with capacities of 2000, 3000, and 4000 liters. The tanks are made using extrusion blow molding technology from high-density polyethylene (HDPE).

The OPTIMAX domestic wastewater treatment plant operates according to a manufacturer-defined algorithm, implementing the treatment process. A full cycle consists of three successive phases described below and lasts **8 hours. Cycles are initiated at precisely defined times and repeated one after another.**

PHASE ONE – wastewater aeration

During this phase, the wastewater is aerated and mixed using air released through a diffuser resting at the bottom of the tank. During mixing, any solid impurities contained in the wastewater are also broken down. Aeration occurs according to a precisely defined algorithm.

PHASE TWO – sedimentation

During this phase, the treatment plant remains idle, excess sludge settles to the bottom of the tank, and floating fractions accumulate on the surface. A layer of treated wastewater forms at the top of the tank. The aeration process is interrupted.

PHASE THREE – decantation - pumping out the treated sewage

During this phase, the treated wastewater is pumped out of the treatment plant by a specially designed pump. The pump's design prevents the pumping out of floating fractions and the agitation of excess sludge, and maintains the appropriate level of wastewater in the reactor, essential for bacterial growth and the wastewater treatment process. Once the wastewater is pumped out, the treatment plant is ready to begin the next treatment cycle.



OPTIMAX home sewage treatment plants are available in three types and series:

- **OPTIMAX** (classic) single-tank system based on SBR technology
- **OPTIMAX VIRO** – with a mechanical pump at the outlet to pump out treated wastewater
- **OPTIMAX PRO** – a two-tank wastewater treatment plant consisting of a primary settling tank and an SBR biological reactor

The OPTIMAX treatment plant is CE marked and complies with the standard of **EN 12566-3.**



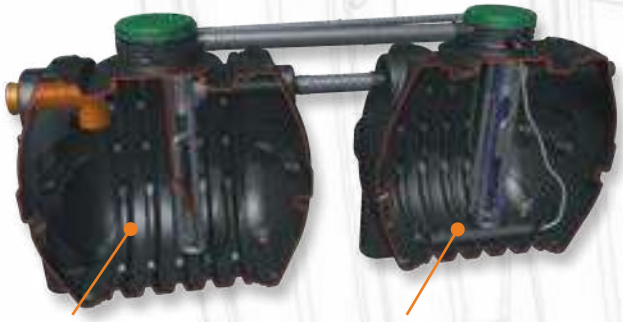
OPTIMAX

The **OPTIMAX** treatment plant is a single-tank or twotank, single-chamber biological wastewater treatment plant operating on the activated sludge principle using SBR (Sequential Batch Reactor) technology. It is constructed using monolithic tanks with capacities of 2000, 3000, and 4000 liters. The tanks are extrusionblown from high-density polyethylene (HDPE). The OPTIMAX treatment plant has an inlet connection with a diameter of Ø160 mm and an outlet with a diameter of Ø110 mm.



OPTIMAX VIRO

The **OPTIMAX VIRO** treatment plant has a Ø160 mm inlet connection, a Ø110 mm emergency outlet, and a Ø40 mm outlet for a mechanical pump. One of the risers has a Ø110 mm connection for the control unit. Inspection hatches located on the treatment plant provide excellent access to the interior for servicing or pumping out heavy sludge. The OPTIMAX VIRO treatment plant is equipped with a mechanical pump. Using the pump in the treatment plant allows for pressure pumping of treated wastewater.



OPTIMAX PRO

OPTIMAX PRO treatment plant is a two-tank, twochamber biological wastewater treatment plant operating on the Sequential Batch Reactor (SBR) activated sludge principle. It is constructed using monolithic tanks with capacities of 2000, 3000, and 4000 liters. The OPTIMAX PRO treatment plant has an inlet connection with a diameter of Ø160 mm and an outlet with a diameter of Ø110 mm. The first tank serves as a septic tank, while the second serves as an SBR biological reactor.

Treatment efficiency indicators for the OPTIMAX treatment plant:

- Biological oxygen demand ..... BOD – 12,8 mgO_2/l – reduction level 94%
- Chemical oxygen demand ..... COD - 45,8 mgO_2/l – reduction level 93%
- Sunsepnsion ..... S - 10,9 mg/l – reduction level 96%
- Nitro ..... N- 12,1 mg/l – reduction level 63%
- Phosphorus ..... P – 0,3 mg/l – reduction level 92%

SIGNED CE EN 12566-3

OPTIMAX – BIOLOGICAL TREATMENT PLANT

Single-chamber biological treatment plants operating in SBR technology.



OPTIMAX 4 – code: 2552

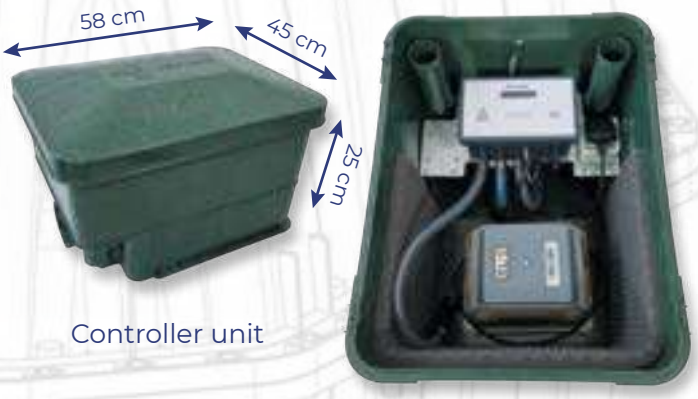


SIGNED CE EN 12566-3

OPTIMAX 5 – code: 2553



OPTIMAX 6 – code: 2825



Controller unit

Accesories



Riser REHC D400 H200
Code: 2327



Riser REHC D400 H450 (double)
Code: 2802



Cover D400
Code: 2441



Bioactivator AQUBIN 6 months
Code: 2327



Infiltration tunnel 150
Code: 2255

TREATMENT TYPE (PE)	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Hatches (mm)	Weight (kg)	CODE
OPTIMAX 4	2000	160	110	1700	1220	1700	1240	1220	1 x Ø400	130	**2552**
OPTIMAX 5	3000	160	110	2450	1220	1640	1240	1220	2 x Ø400	135	**2553**
OPTIMAX 6	4000	160	110	3150	1220	1640	1240	1220	2 x Ø400	170	**2825**

OPTIMAX – BIOLOGICAL TREATMENT PLANT



OPTIMAX 10 – code: 2826



OPTIMAX 12 – code: 2827



„U"



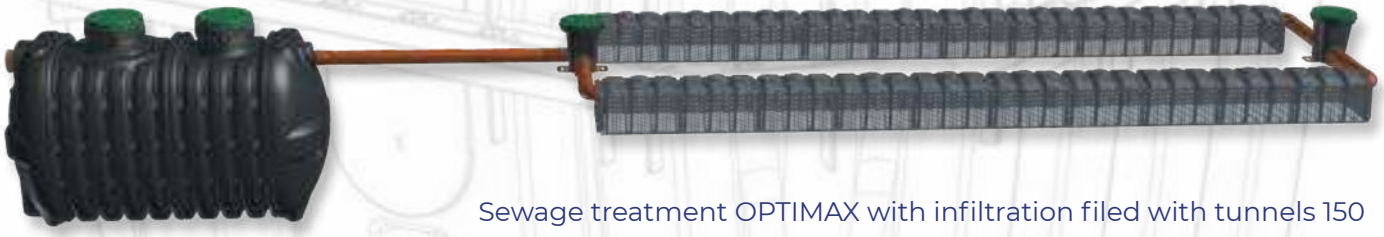
„L"



„I"

various tank assembly: U / L / I





Sewage treatment OPTIMAX with infiltration filed with tunnels 150

KEY PRODUCT FEATURES:

- light and durable construction with HDPE
- high mechanical resistance
- easy to transport and storage
- low operation costs
- automatic control system
- screw-on inspection risers
- possible expansion with battery systems
- screw-on tight covers
- easy maintenance
- high cleaning efficiency
- 10-year warranty on the tank

TREATMENT TYPE (PE)	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Hatches (mm)	Weight (kg)	CODE
OPTIMAX 10	3000 + 3000	160	110	5400	1220	1640	1240	1220	4 x Ø400	230	**2826**
OPTIMAX 12	4000 + 4000	160	110	6900	1220	1640	1240	1220	4 x Ø400	290	**2827**

OPTIMAX VIRO - BIOLOGICAL TREATMENT PLANTS (integrated pumping station for clean sewage)

Single-tank, single-chamber biological treatment plants operating in SBR technology with an integrated pumping station for pumping out the treated sewage.



OPTIMAX 5 VIRO – code: 2823



SINGED CE EN 12566-3

OPTIMAX 6 VIRO – code: 2824



Pump data – TOP 2 VORTEX - PEDROLLO

- Efficiency: 20 – 180 l/min
- Lifting height: 6,5 – 1,5 meters
- Power : 0,37 kW
- Power connecton: one phase / (230 V)



OPTIMAX VIRO with a raised sewage infiltration system

Accesories



Riser REHC D400 H200
Code: 2327



Riser REHC D400 H450 (double)
Code: 2802



Cover D400
Code: 2441



Bioactivator AQUBIN 6 months
Code: 2327



Infiltration tunnel 150
Code: 2255

TREATMENT TYPE (PE)	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Hatches (mm)	Weight (kg)	CODE
OPTIMAX 5 VIRO	3000	160	40/110	2450	1220	1640	1240	1490	2 x Ø400	145	**2823**
OPTIMAX 6 VIRO	4000	160	40/110	3150	1220	1640	1240	1490	2 x Ø400	180	**2824**

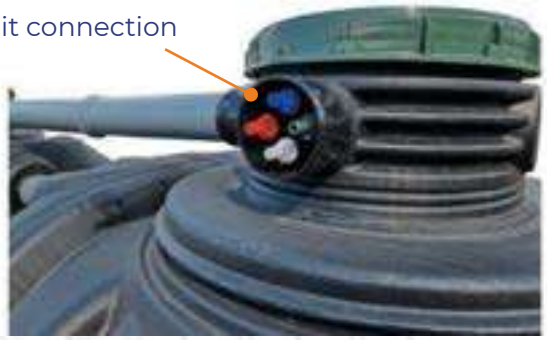
OPTIMAX PRO - BIOLOGICAL TREATMENT PLANTS

The **OPTIMAX PRO** treatment plant is a two-tank, two-chamber biological wastewater treatment plant operating on the principle of activated sludge using SBR (Sequential Batch Reactor) technology. The first tank serves as a septic tank, while the second serves as an SBR biological reactor.



OPTIMAX PRO 4 – code: 2622

Controller unit connection





OPTIMAX PRO 6 – code: 2623



Controller unit



OPTIMAX PRO 8 – code: 2828

PHASE ONE
dosing of raw sewage from the septic tank to the SBR biological reactor

PHASE TWO
aeration of astewater in the SBR reactor, absorption of oxygen by wastewater

PHASE THREE
sedimentation, resting phase, separation of heavy and light fractions

PHASE FOUR
decantation, pumping of treated wastewater from the SBR reactor

PHASE FIVE
recirculation, returning excess sludge from the reactor to the septic tank

TREATMENT TYPE (PE)	Volume (l)	Inlet diameter (mm)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Hatches (mm)	Weight (kg)	CODE
OPTIMAX PRO 4	2000+ 2000	160	110	3800	1220	1700	1240	1220	2 x Ø400	230	**2622**
OPTIMAX PRO 6	3000+ 3000	160	110	5300	1220	1640	1240	1220	4 x Ø400	250	**2623**
OPTIMAX PRO 8	4000+ 4000	160	110	6700	1220	1640	1240	1220	4 x Ø400	280	**2828**

SEPTIC TANK (CLOSED)

Septic tanks (closed) are single-chamber tanks made of high-density polyethylene (PEHD). They are designed for installation in single-family homes, summer houses, farm buildings, and public buildings. They are designed for storing sewage and water not intended for human consumption. The tanks can be connected to create extensive battery systems. The tanks are designed for underground installation.



Tank 1000 AQ – code: 4054



Tank 2000 AB – code: 4037



Tank 3000 AB – code: 4038



Tank 4000 AB – code: 4039

KEY PRODUCT FEATURES:

- light and durable construction with HDPE
- high mechanical resistance
- screw-on inspection risers
- easy to transport and storage
- screw-on tight covers
- possible expansion with battery systems
- 10-year warranty on the tank

Accesories



Riser REHC D400 H200

Code: 2327



Riser REHC D400 H450

Code: 2802



Cover D400

Code: 2441



Riser D400 H200 AQ

Code: 2484



Cover D400 AQ

Code: 2556

TANK TYPE	Volume (l)	Outlet diameter (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
TANK 1000 AQ	1000	160	1170	1170	1410	1170	1 x Ø400	50	**4054**
TANK 2000 AB	2000	160	1700	1220	1530	1200	1 x Ø400	70	**4037**
TANK 3000 AB	3000	160	2450	1220	1470	1200	2 x Ø400	85	**4038**
TANK 4000 AB	4000	160	3150	1220	1470	1200	2 x Ø400	120	**4039**











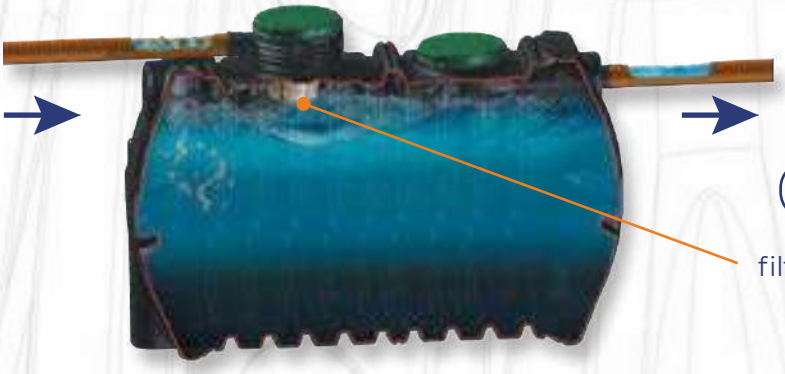


RAINWATER TANKS

Rainwater tanks are an excellent addition to a home's water supply system due to their ease of use. They allow you to reduce your water consumption from the mains and achieve tangible financial savings. Therefore, the economic benefits should be considered over the long term. The investment pays for itself after several years, depending on the tank's use.

AB rainwater tanks are manufactured in capacities of 1000, 1500, 2000, 2500, 3000, and 4000 liters. They are designed for installation on single-family homes. The filter located in the tank allows you to purify water from roof surfaces up **to 150m²**. Rainwater tanks can collect and store water from roof surfaces or paved surfaces (private driveways, parking lots).

Above-ground rainwater tanks can be connected directly to roof downpipes. The construction of a rainwater system should include appropriate filtering systems and rainwater infiltration systems (tunnels or others) adapted to the size of the roof surface.



Rainwater tank AB

filtration basket D300



filtration of rainwater

rainwater infiltration field



Rainwater overflow filter D400 AQ



rainwater infiltration field

ABOVE GROUND RAINWATER TANKS

Above ground tanks for rainwater storage. Durable and compact design. Connections for various uses. The installed tanks do not require additional reinforcement. Can be combined into battery systems of any size. The tanks do not have a filter.



Tank VARIO 500 – code: 2617



Tank BASIC 1000 – code: 2618



Tank BASIC 1500 – code: 2619

Accesories



Cover D400

Code: 2441



Filtration basket D300

Code: 2383

C KEY PRODUCT FEATURES:

- light and durable construction with HDPE
- high mechanical resistance
- easy to transport and storage
- screw-on inspection risers
- possible expansion with battery systems
- screw-on tight covers
- 10-year warranty on the tank

TANK TYPE	Volume (l)	Lenght (mm)	Width (mm)	Height (mm)	Connection (mm)	Inspection hatches (mm)	Weight (kg)	CODE
TANK VARIO 500	500	780	780	1100	1 x Ø32	1 x Ø400	30	**2617**
TANK BASIC 1000	1000	1700	780	1230	2 x Ø32	2 x Ø400	55	**2618**
TANK BASIC 1500	1500	1700	780	1660	2 x Ø32	2 x Ø400	65	**1619**

UNDERGROUND RAINWATER TANKS AB

Rainwater tanks AB are used for clean and storage rainwater. These tanks are designed for in-ground installation. They have a filter that allows for the purification of water from **the 150m²** roof surface from which the water is collected.



Tank 1000 AB – code: 2620



Tank 1500 AB – code: 2621



Tank 2500 AB FLAT – code: 4036



Tank 2000 AB – code: 2428



Tank 3000 AB – code: 2429



Tank 4000 AB – code: 2430

Accesories



Riser REHC D400 H200

Code: 2327



Riser REHC D400 H450

Code: 2802



Cover D400

Code: 2441



Filtration basket D300

Code: 2383



Infltration tunnel 150

Code: 2255

TANK TYPE	Volume (l)	Diameter inlet / outlet [mm]	Lengt (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
TANK 1000 AB	1000	110	1730	780	1420	1240	1000	2 x Ø400	60	**2620**
TANK 1500 AB	1500	110	1730	780	1860	1670	1430	2 x Ø400	70	**2621**
TANK 2500 AB FLAT	2500	110	2400	1730	970	790	530	1 x Ø400	140	**4063**
TANK 2000 AB	2000	110	1700	1220	1700	1510	1220	1 x Ø400	75	**2428**
TANK 3000 AB	3000	110	2450	1220	1650	1460	1220	2 x Ø400	85	**2429**
TANK 4000 AB	4000	110	3150	1220	1650	1460	1220	2 x Ø400	125	**2430**

UNDERGROUND RAINWATER TANKS AQUABIN 1000

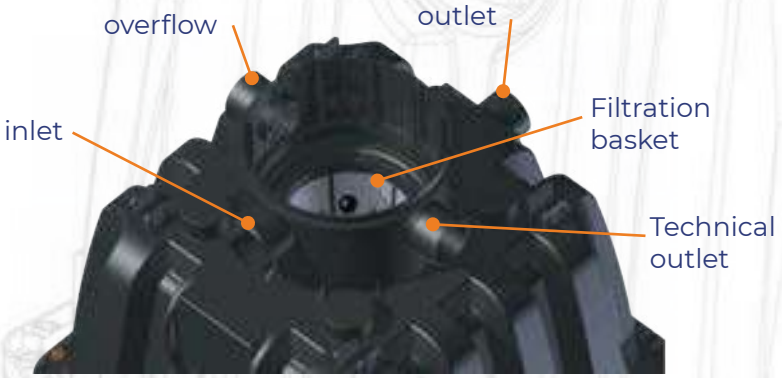
AQUABIN tanks are used for clean and storage rainwater. Tanks are designer for in-ground installation.



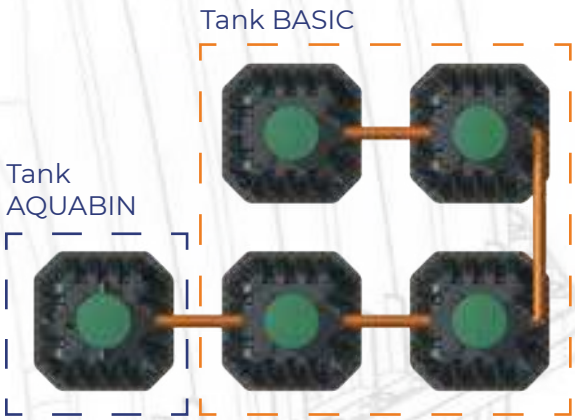
Tank AQUABIN 1000 – code: 4052



Tank AQUABIN 1000 BASIC – code: 4053



AQUABIN tank connections



Accesories



Riser D400 H200 AQ

Code: 2484



Cover D400 AQ

Code: 2556



Filtration basket D300

Code: 2383



Infiltra!on tunne 150

Code: 2255

KEY PRODUCT FEATURES

- lightweight and durable HDPE construction
- height mechanical resistance
- easy transport and storage
- screw on inspection risers
- can me expanded with battery systems
- tight covers
- 10-year tank warranty

TANK TYPE	Volume (l)	Diameter inlet / outlet [mm]	Lengt (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Height to outlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
TANK AQUABIN 1000 (WITH FILTER)	1000	110	1170	1170	1610	1400	1200	1 x Ø400	53	**4052**
TANK AQUABIN 1000 BASIC (WITHOUT FILTER)	1000	-	1170	1170	1610	-	-	1 x Ø400	50	**4053**

RAINWATER FILTERS

Filters designed for installation in front of rainwater tanks and in connection with the system for infiltrating excess rainwater in the ground.



The filter is equipped with an inlet, storm overflow with a strainer, and an outlet (diameter Ø110 mm). The filter basket allows for the treatment of rainwater from roof areas up **to 150 m².**

Rainwater overflow filter D400 AQ – code: 2483

Lengt (mm)	Width (mm)	Height (mm)	Weight (kg)
480	470	490	4,2

AKCESORIA UZUPEŁNIAJĄCE:



Riser D400 H200 AQ

Code: 2484



Filtration basket D300

Code: 2383



The filter is equipped with an inlet, a storm overflow with a strainer, and an outlet (diameter Ø110 mm). The filter basket allows for the treatment of rainwater from roof areas up to **150 m²**. The filter has an additional sedimentation tank for fine particles that may pass through the strainer.

Rainwater overflow filter D400 AB – code: 2485

Lengt (mm)	Width (mm)	Height (mm)	Weight (kg)
650	440	600	5,2

AKCESORIA UZUPEŁNIAJĄCE:



Riser REHC D400 H200

Code: 2327



Filtration basket D300

Code: 2383



A filter for installation under a gutter drain. Designed for installation in front of concrete or plastic tanks. The filter features a collection bowl with a Ø110 mm outlet. The filter basket allows for the treatment of water from roof areas up to **200 m²**.

Decorative stone is not included.

Under gutter rainwater filter D400 – code: 2486

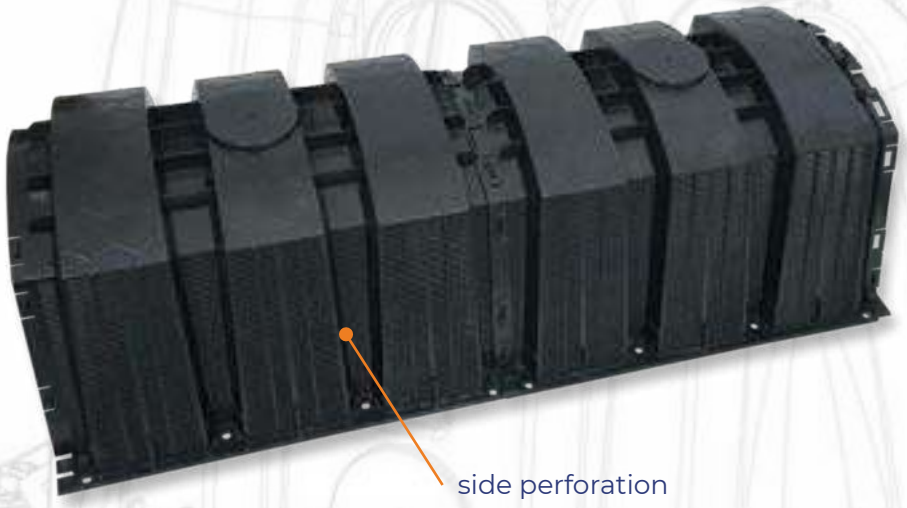
Lengt (mm)	Width (mm)	Height (mm)	Weight (kg)
550	440	300	2,3

INFILTRATION TUNNEL 150

Infiltration tunnels 150 are intended for infiltration of sewage containing pollutants from industrial processes and households into the ground. The construction of tunnels also allows them to be used for storage and infiltration of rainwater. The tunnels are laid in the ground thus creating gravitational infiltration deposits. On the side walls, the tunnel has longitudinal slots through which sewage as well as rainwater can be infiltrated into the ground.

Infiltration tunnels 150 are made of HDPE (high-density polyethylene) by plastic injection. The production method used allows to obtain products with a compact and lightweight structure. Each tunnel has ribs that reinforce the structure. The height of the side perforation of the tunnel is 300 mm.

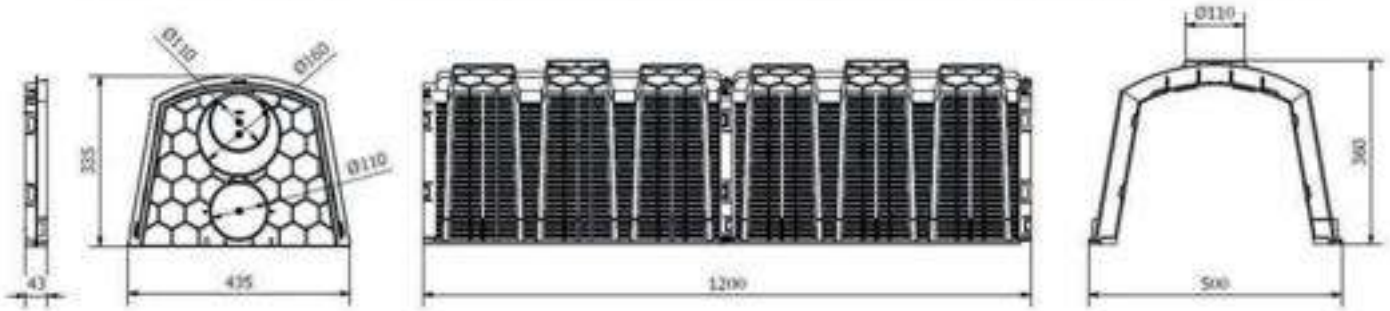
The capacity of a single tunnel is **150 liters.**



INFILTRATION TUNNEL 150 – code: 2255



DECKEL 150 – code: 2256



Name	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Infiltration surface [m2]			CODE
					bottom	lateral	total	
TUNNEL 150	1200	500	360	5	0,6	0,7	1,3	**2255**
DECKEL150	435	335	43	1,2	-	-	-	**2256**



1. Prepare the tunnels



2. Unplug the deflector



3. Drill a hole



4. Fix the deflector



5. Secure with a screw



6. Plug the deckel



7. Check the conection



8. Connect the tunnels



9. Plug the closing deckel



10. Drill the hole



11. Instal ventilation pipe



12. Instal ventilation pipe

Selection guidelines - septic tanks and biological treatment plants

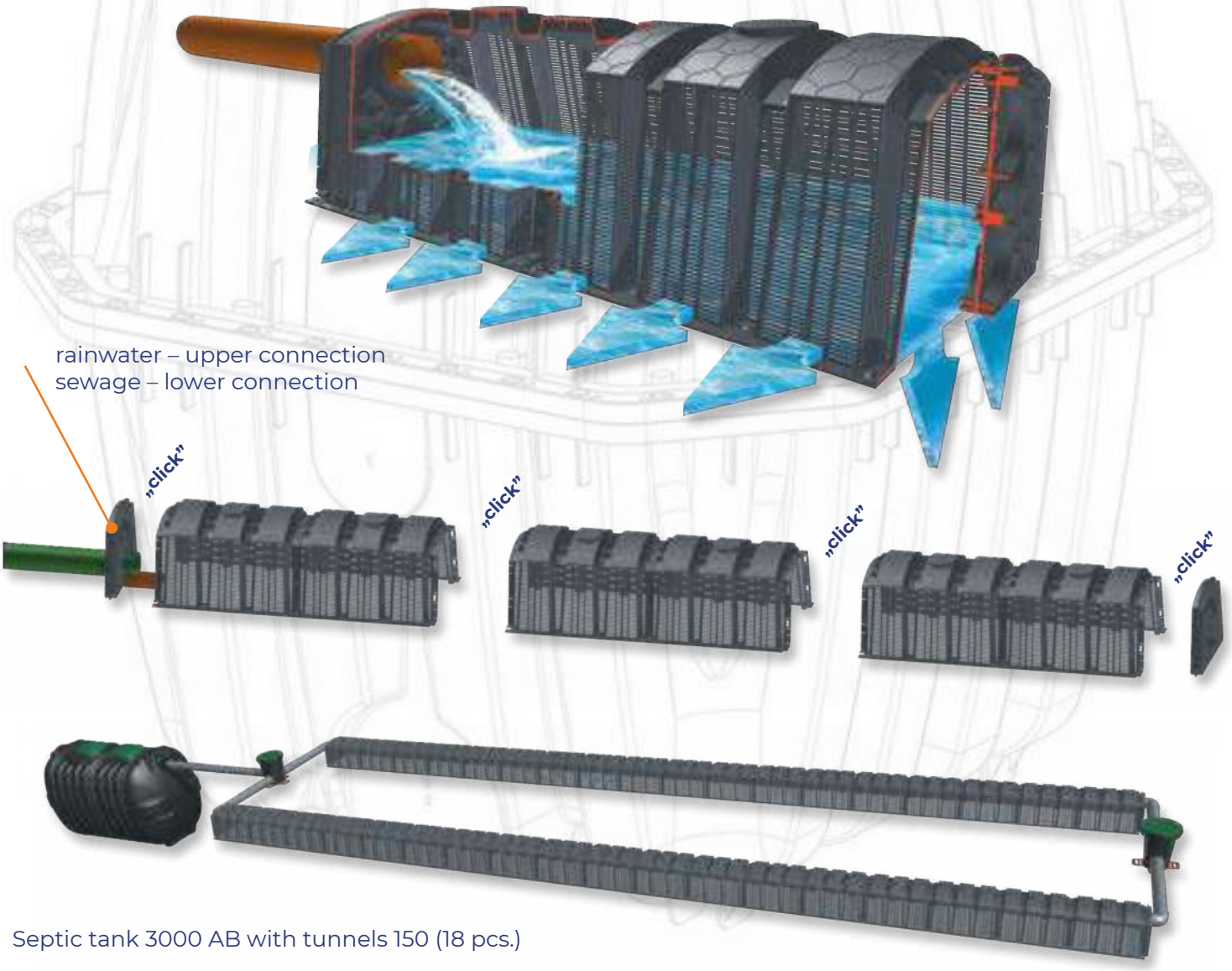
The Manufacturer recommends the following minimum number of tunnels per user for foundations in well-permeable soils

- Septic tanks: **3 tunnels per 1 user (PE)**
- Aeration (biological) treatment plants: **2 tunnels per 1 user (PE)**

Selection guidelines - rainwater tanks
When installing downstream a rainwater tank or linear drainage, the Manufacturer recommends using the following conversion factor:

- **1 infiltration tunnel for every 15m²** of roof fields or surface from which water is collected, for the average annual rainfall per 1m² = 600 mm.

The number of tunnels as well as the thickness of the support layer should be matched to the current soil-and-water conditions.



Septic tank 3000 AB with tunnels 150 (18 pcs.)

INFILTRATION TUNNEL 300

Infiltration tunnels 300 are intended for infiltration of sewage containing pollutants from industrial processes and households into the ground. The construction of tunnels also allows them to be used for storage and infiltration of rainwater. The tunnels are laid in the ground thus creating gravitational infiltration deposits. On the side walls, the tunnel has longitudinal slots through which sewage as well as rainwater can be infiltrated into the ground.

Infiltration tunnels 300 are made of HDPE (high-density polyethylene) by plastic injection. The production method used allows to obtain products with a compact and lightweight structure. Each tunnel has ribs that reinforce the structure. The height of the side perforation of the tunnel is 370 mm.

The capacity of a single tunnel is **300 liters.**



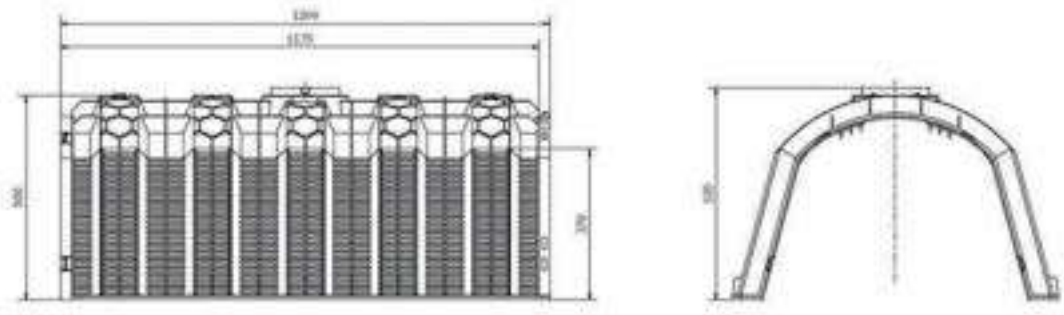
INFILTRATION TUNNEL 300 – code: 2674

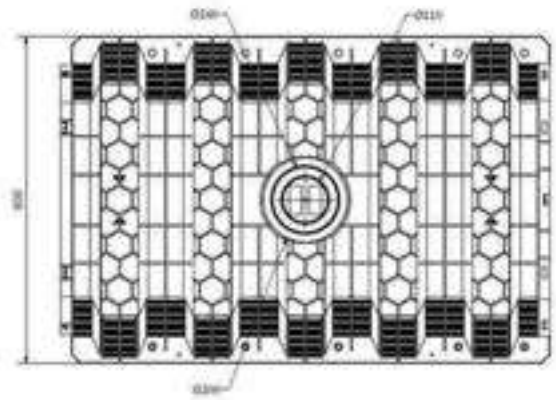


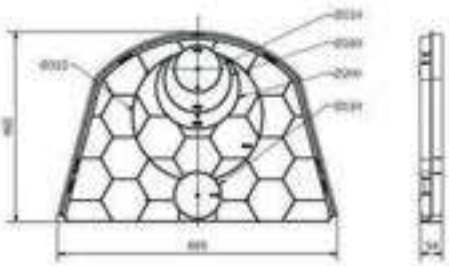
DECKEL 300 – code: 2675



Name	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Infiltration surface [m2]			CODE
					bottom	lateral	total	
TUNEL 300	1200	800	510	11	1.0	0,9	1,9	**2674**
DEKIEL 300	685	465	54	2,1	-	-	-	**2675**









Selection guidelines - septic tanks and biological treatment plants

The Manufacturer recommends the following minimum number of tunnels per user for foundations in well-permeable soils:
- Septic tanks: **2 tunnels per 1 user (PE)**
- Aeration (biological) treatment plants: **1,5 tunnels per 1 user (PE)**

Selection guidelines - rainwater tanks
When installing downstream a rainwater tank or linear drainage, the Manufacturer recommends using the following conversion factor:
- **1 infiltration tunnel for every 30m²** of roof fields or surface from which water is collected, for the average annual rainfall per 1m² = 600 mm.

The number of tunnels as well as the thickness of the support layer should be matched to the current soil-and-water conditions.

ABSORBING WELL 500 AQS

Absorbing wells 500 are intended for infiltration of sewage containing pollutants from industrial processes and households into the ground. The construction of wells also allows them to be used for storage and infiltration of rainwater. The wells are laid in the ground thus creating gravitational infiltration deposits. On the side walls, the well has holes through which sewage as well as rainwater can be infiltrated into the ground.

Absorbing wells 500 are made of HDPE (high-density polyethylene) by plastic injection. The production method used allows to obtain products with a compact and lightweight structure. Each well has ribs that reinforce the structure. The height of the side perforation of the well is 100 mm

The capacity of a single well is **500 liters** and a total drainage area of approximately **1,5 m²**.

Absorbing well 500 AQS – code: 4055



KEY PRODUCT FEATURES:
- lightweight and durable HDPE construction
- high mechanical resistance
- screw-on inspection risers
- easy transport and storage
- tight covers
- can be expanded with battery systems

Accesories

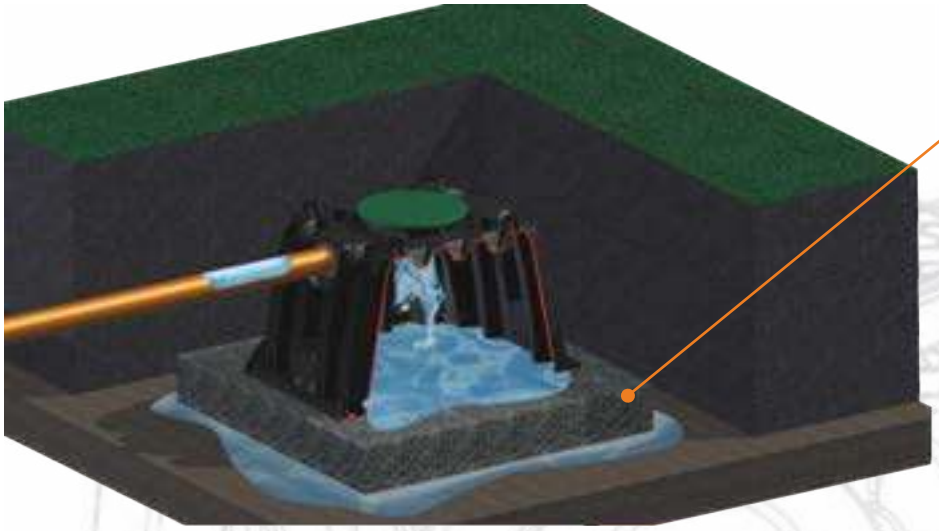


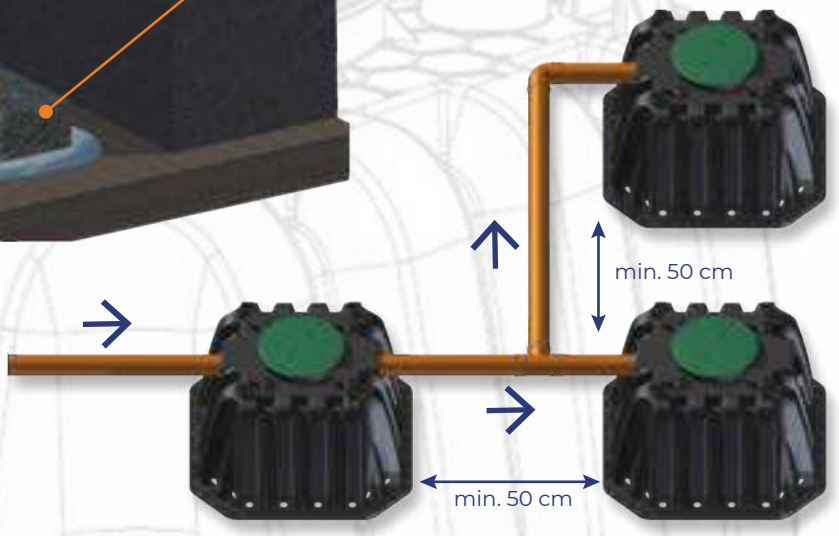
Riser D400 H200 AQ
Code: 2484

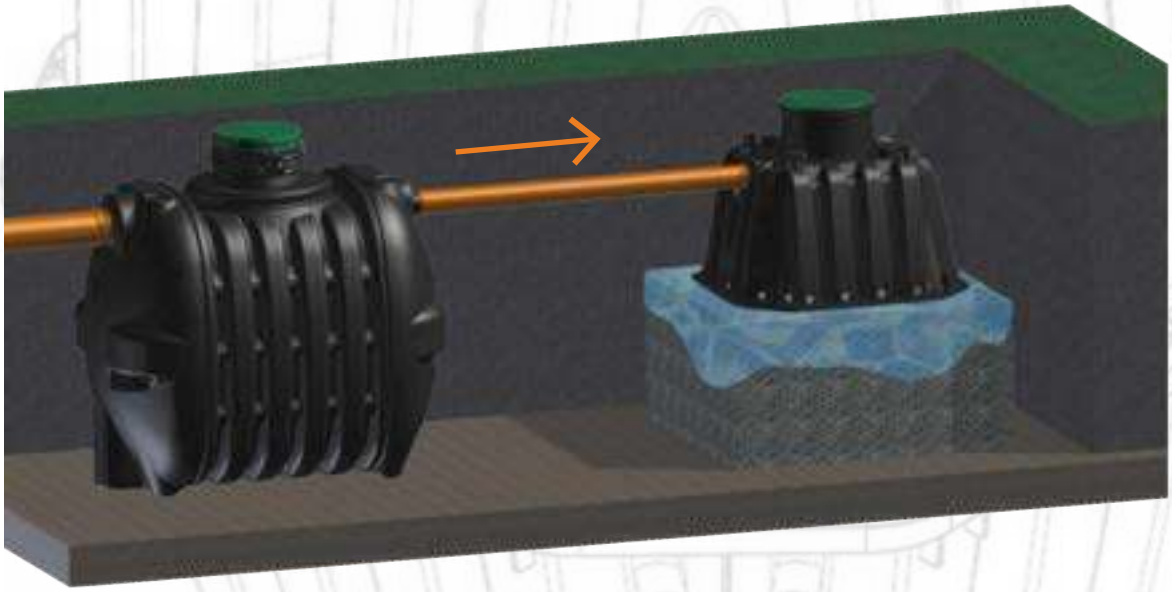


Cover D400 AQ with perforation
Code: 2847

Name	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Volume (l)	CODE
ABSORBING WELL 500 AQS	1170	1170	710	23	500	**4055**







Selection guidelines - septic tanks and biological treatment plants

The Manufacturer recommends the following minimum number of absorbing wells per user for foundations in wellpermeable soils:
• Aeration (biological) treatment plants: **2 pcs of absorbing well per 1 user (PE)**

Selection guidelines - rainwater tanks
When installing downstream a rainwater tank or linear drainage, the Manufacturer recommends using the following conversion factor:
• **1 absorbing well for every 50m²** of roof fields or surface from which water is collected, for the average annual rainfall per 1m² = 600 mm.

The number of absorbing wells and the thickness of the support layer should be matched to the current soil-and-water conditions.

BOXES FOR INFILTRATION FIELDS



Distribution box D300 AQR – code: 2480

Distribution box is a device responsible for separating sewage into drainage lines. The box can be configured with one inlet and up to three outlets for the drainage lines. The box can be extended with D300 H150 AQ riser.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
400	400	410	2,6	**2480**



Collection box D300 AQZ – code: 2481

Collection box as a device responsible for closing and aerating the biological infiltration field. Box can be configured up to three inlets from drainage system. The box can be extended with D300 H150 AQ riser.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
400	400	410	2,6	**2481**



Distribution box D400 AQR – code: 2845

Distribution box is a device responsible for separating sewage into drainage lines. The box can be configured with one inlet and up to five outlets for the drainage lines. The box can be extended with D200 H200 AQ riser.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
470	470	460	3,2	**2845**



Collection box D400 AQZ – code: 2846

Collection box as a device responsible for closing and aerating the biological infiltration field. Box can be configured up to five inlets from drainage system. The box can be extended with D400 H200 AQ riser.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
470	470	460	3,2	**2846**



Riser D300 H150 AQ – code: 2482

Riser for D300 AQR i AQZ boxes.
Riser active height is to 150 mm.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
370	370	175	1,2	**2482**



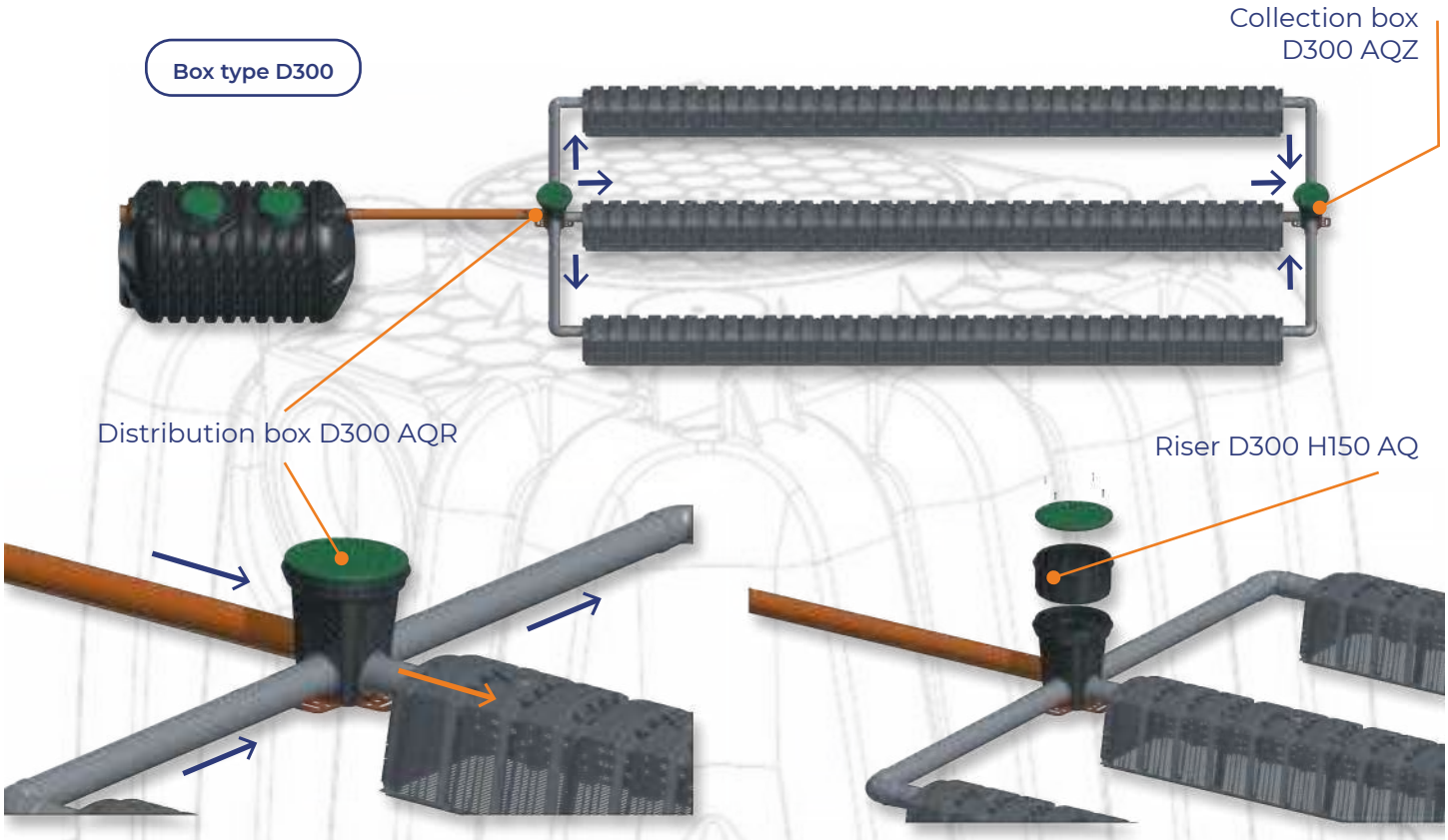
Riser D400 H200 AQ – code: 2484

Riser for D400 AQR i AQZ boxes.
Riser active height is to 200 mm.

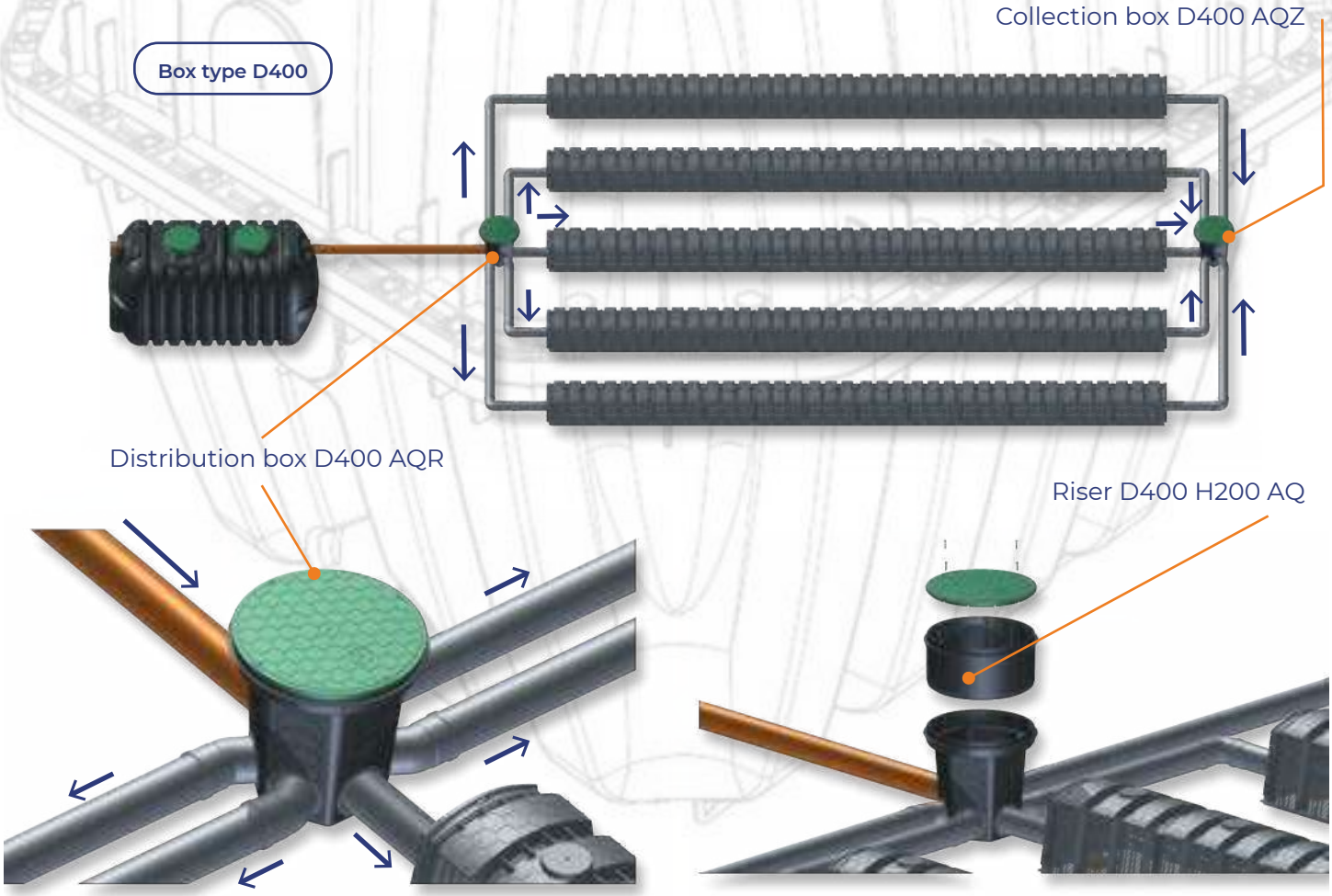
Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
470	470	225	1,7	**2484**

BOXES FOR INFILTRATION FIELDS

Box type D300



Box type D400



GREASE SEPARATORS

Grease separators are used in single-family homes, commercial buildings, restaurants, and hotels. They are connected to dedicated sewer connections leading from the kitchen



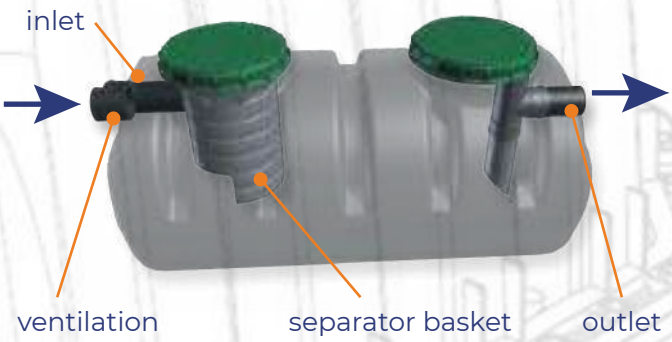
Separator SL-SG 200 – code: 2328



Separator SL-SG 500 – code: 2329



Separator SL-SG 1000 – code: 2331



Accesories



Riser REHC D400 H200

Code: 2327



Riser REHC D400 H450

Code: 2802



Cover D400

Code: 2441

KEY PRODUCT FEATURES:

- lightweight and durable HDPE construction
- high mechanical resistance
- screw-on inspection risers
- tight covers
- easy service access
- 10-year tank warranty

TANK TYPE	Volume (l)	Inlet / Outlet diameter [mm]	Volume (mm)	Lenght (mm)	Width (mm)	Height (mm)	Height to inlet (mm)	Inspection hatches (mm)	Weight (kg)	CODE
SEPARATOR SL-GS 200 (1 L/SEC)	200	110	1200	600	650	390	320	1 x Ø400	17	**2328**
SEPARATOR SL-GS 500 (1,5 L/SEC)	500	110	1700	770	730	490	420	2 x Ø400	35	**2329**
SEPARATOR SL-GS 1000 (2,0 L/SEC)	1000	110	1700	770	1230	1000	930	2 x Ø400	50	**2331**

BIOACTIVATORS



Bioactivator AQUABIN treatments 6 month – code: 2498

Bioactivator START and 6 month of use
Biological activator for household sewage treatment plants for start-up and daily operation. A concentrated biological preparation that decomposes organic waste, eliminates unpleasant odors in both sedimentation and biological sewage treatment plants (with aeration). The concentrate containing unique, selected and scientifically developed microorganisms.
Decomposes organic waste, oils, fats, toilet paper. Destroys unwanted bacteria. Eliminates unpleasant odors. Prevents clogging of drainage and infiltration systems. It supports the production of the desired activated sewage in biological treatment plants.

Weight – 500 g



Bio7 Choc – code: BIO7-22986

BIO7 CHOC is a biopreparation containing a mixture of selected natural strains of bacteria, yeast and enzymes supported by vitamins. Thanks to its highly concentrated, unique formula, it guarantees an exceptionally fast growth of the bacterial flora in the sceptic tank. It is used in newly commissioned installations and when they are restarted due to the necessity of periodic sewage pumping out.

Weight – 375 g



Bio7 Entretien Osadniki – code: BIO7-22987

BIO7 ENTRETIEN OSADNIKI (Bio7 Entretien Fosses) is a unique microbiological composition that provides comprehensive support for individual stages of sewage treatment. The preparation contains selected microorganisms and immobilized enzymes that significantly accelerate the processes of biochemical decomposition.

Weight – 480 g



Bio7 MAX – code: BIO7-32525

Bio7 MAX is a two-phase biopreparation, intended in particular for installations not equipped with a fat separator. The operating biopreparation has been additionally enriched with selected bacteria and enzymes that break down fats. The special 2in1 formula has been developed to further improve the operation of sewage treatment plants by eliminating the problem of greasing the installation.

Weight – 1000 g



Bio7 Drenaż Udrażnianie – code: BIO7-32526

Bio7 DRAINAGE is an enzymatic bio-preparation that effectively prevents problems related to clogging of drains, sewage boxes and pumping stations in household treatment plants. With the passage of time, the drainage efficiency of drainage systems gradually decreases. As a result of overgrowing of drainage pipes with activated sewage, blockage of pores in the ground by the accumulation of suspensions and various insoluble fractions, the efficiency of the infiltration section is reduced.

Weight – 800 g

ACCESSORIES



Cover D400 (for tanks) – code: 2441

Cover D400 fort tanks AB, grease separators, and AB rainwater filters.
UV resistant with seal.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
440	440	50	0,9	**2441**



Riser REHC D400 H200 – code: 2327

Riser for rainwater tanks, septic tanks, biological treatment plants, grease separators, and filters. Made of high-density polyethylene (PEHD) using the blow molding method. Using a riser for a tank or separator allows for a deeper tank installation while providing service access to the device.

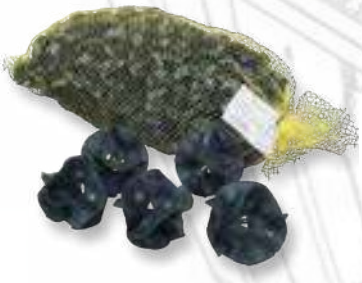
Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
440	440	235	1,3	**2327**



Riser REHC D400 H450 (double) – code: 2802

Riser for rainwater tanks, septic tanks, biological treatment plants, grease separators, and filters. Made of high-density polyethylene (PEHD) using the blow molding method. Using a riser for a tank or separator allows for a deeper tank installation while providing service access to the device.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
440	440	475	2,7	**2802**



Filtration material 50l – code: 2326

Filter material for septic tanks (domestic sewage treatment plants) with tank volume from 2000 to 4000 liters. The filter material is made of plastic shapes placed in a mesh bag. The bag should not be unzipped. The entire assembly should be placed in the septic tank's filter basket. The filter material should be cleaned with running water under pressure each time the tank is emptied.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
350	350	65	1,3	**2326**



Filtration material 60l – code: 2603

Filter material for septic tanks (domestic sewage treatment plants) with tank volume from 2000 to 4000 liters. The filter material is made of plastic shapes placed in a mesh bag. The bag should not be unzipped. The entire assembly should be placed in the septic tank's filter basket. The filter material should be cleaned with running water under pressure each time the tank is emptied. The increased bag capacity from 50 to 60 liters allows for increased filter life.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
350	350	75	1,9	**2603**

ACCESSORIES



Wastewater purifying filter D400 AQ – code: 2891

Sewage post-treatment filter D400 AQ, is a device responsible for the posttreatment of wastewater from septic tanks or biological treatment plants. Impurities that can escape from septic systems, flowing through the purification filter, are retained inside it, settling on the polypropylene filter material. The sieve in the outlet connection is designed to keep the filter material inside the sump in case of damage to the bag containing it.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
500	400	660	6,1	**2891**



Filtration stone (pozzolana 20-50) – code: 2635 (10kg) / 2745 (20kg) / 2599 (25kg)

Filter cartridge for septic tanks (household sewage treatment plants) with a size of 2000 to 3000 liters. Puzzolana are porous stones of volcanic origin, the surface of which favors the formation of a biofilm. Cleaning the pozzolana should be done with running water under pressure each time, the septic tank is emptied. To maintain optimal operating parameters of the treatment plant, pozzolana should be replaced at least once every 5 years. Puzzolana is responsible for separa!ng undissolved fractions and suspended solids in the wastewater from the infiltration bed.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
40	30	30	10	**2635**
40	40	40	20	**2745**
40	40	50	25	**2599**

Drainage pipe D110 L2000 (wall thickness 2,2) – code: 2440

The drainage pipe D110 L2000 was made on the basis of a standard sewage pipe with a diameter of Ø110 mm and an active length of 2000 mm. The drainage pipe has transverse cuts for the distribution and infiltration of sewage or water in the ground.



Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
110	110	2000	2,7	**2440**

Exhoust D110 gray – code: 0342

A ventilator is used to close the threads of drainage fields. Using ventilators allows for optimal aeration conditions and the proper maintenance of bacterial flora in the infiltration field.



Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
210	210	120	0,3	**0342**

ACCESSORIES



Cover D400 AQ – code: 2556

Cover D400 for AQ tanks, AQ rainwater filters, and D400 AQZ distribution box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
460	460	30	1,1	**2556**



Cover D400 AQ perforowana – code: 2847

Cover D400 with perforation, for AQS absorbing wells, D400 AQZ collection box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
460	460	30	1,1	**2847**



Cover D300 AQ – code: 2554

D300 cover for the D300 AQR distribution box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
360	360	30	0,7	**2554**



Cover D300 AQ perforowana – code: 2555

D300 cover for the D300 AQZ collection box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
360	360	30	0,7	**2555**



Filtration basket D300 – code: 2383

Rainwater filtration basket. It has a handle made of stainless steel with a plastic handle. The construction of the filter enables the purification of water from **150m²** of the roof slope.

For rainwater tanks, rainwater filters AQ and AQ.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
300	300	230	0,4	**2383**



Filtration basket D400 – code: 2602

Rainwater filtration basket. It has a handle made of stainless steel with a plastic handle. The construction of the filter enables the purification of water from **250m²** of the roof slope.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
400	400	260	0,5	**2602**

ACCESSORIES



Distrubution box RR 450 – code: 2320

Distribution box is a device responsible for separating sewage into drainage lines in infiltration field. The box can be configured with one inlet and up to six outlets for the drainage field. The shaft can be retrofitted with REHR 250 extensions.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
350	350	450	0,4	**2320**



Collection box RBOU 450 – code: 2321

Collection box is a device responsible for closing and aerating the biological filed. Up to six inlets can be made in the box from the drainage filed lines. The box can be extended with REHR 250 riser.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
350	350	450	0,4	**2321**



Riser REHR 250 – code: 2322

Riser designed for installation on RR and RBOU boxes.
The superstructure's active height is 250 mm.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
300	300	270	1,0	**2322**



Cover D320 – code: 2442

D320 cover for RR distribution box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
320	320	50	0,5	**2442**



Cover D320 with perforation – code: 2443

D320 cover for the RBOU collection box.
UV-resistant.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
320	320	50	0,5	**2443**

ACCESSORIES



Geotextil PES 100 0,5 x 50 – code: 2325

Stops silt and mud from entering the drainage layer, protecting the infiltration filed or biofilter from silting up. Made of staple polyester, needle-punched. Surface density 100 g/m², PES material.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
200	200	500	3,3	**2325**



Geotextil PES 100 1,0 x 10 – code: 2636

Stops silt and mud from entering the drainage layer, protecting the infiltration filed or biofilter from silting up. Made of staple polyester, needle-punched. Surface density 100 g/m², PES material.

Length (mm)	Width (mm)	Heigh (mm)	Weight (kg)	CODE
100	100	1000	1,3	**2636**

CANALIZATION SEALS

Tank inlet seal



Inlet seals are used for tight penetrations of smooth pipes through tank bulkheads, as well as side connections to other pipes. A solid lip ensures easy installation, and a long sealing lip ensures system tightness even when the inlet pipe is at an angle. The seals are suitable for installation in many dimensional variants depending on the wall thickness of the opening and the diameter of the inlet pipe. Standard seals are made of an EPDM-based rubber compound.

SEAL TYPE	Inlet pipe diameter (mm)	Hole diamterer [mm]	Mountaing wall thickness [mm]	Collar diamterer [mm]	Total height [mm]	CODE
INLET SEAL Ø50	50	59	3-8	60	25	**4021**
INLET SEAL Ø75	75	83	3-8	86	25	**4022**
INLET SEAL Ø110	110	121	3-8	123	25	**4023**
INLET SEAL Ø160	160	177	3-8	180	30	**4024**

In-Situ seal



In-situ seals are used to connect the inlet pipe to tanks (made of plastic or laminates) or concrete wells. A large number of sealing lips and a robust design ensure a tight connection, even with angled pipe insertion. Seals are used for prefabricated or drilled holes according to specifications. Standard seals are manufactured from a rubber compound based on **SBR** and **EPDM** rubber and are characterized by high ozone and aging resistance.

SEAL TYPE	Inlet pipe diameter [mm]	Hole diamterer [mm]	Mountaing wall thickness [mm]	Collar diamterer [mm]	Total height [mm]	Flange height [mm]	CODE
IN-SEAL 110/127	110	127	151	131	58	50	**4016**
IN-SEAL110/138	110	138	161	142	63	52	**4017**
IN-SEAL 160/177	160	177	201	181	58	50	**4018**
IN-SEAL 160/186	160	186	209	189	63	52	**4019**
IN-SEAL 200/226	200	226	256	230	63	52	**4020**

CANALIZATION SEALS

Ruber coupling



Straight flexible connectors with steel clamps are used to create a tight connection between all types of pipes of similar diameters available on the market. They are perfectly suited for plastic, steel, copper, cast iron, and GRP pipes, allowing for connections at both the spigot and socket ends. The connectors can also be used as repair elements and sleeves for damaged pipelines. The connectors are made of an **EPDM** compound.

NAME	Minimum pipe diameter [mm]	Maximum pipe diameter [mm]	Minimum overlap on the pipe [mm]	Seal height [mm]	CODE
COUPLING 42-50	42	50	20	65	**4027**
COUPLING 70-80	70	80	25	105	**4028**
COUPLING 105-120	105	120	25	105	**4029**
COUPLING 145-160	145	160	25	105	**4030**

Reducting rubber coupling



Flexible reducing connectors with steel clamps are used to create a tight connection between all types of pipes of various diameters available on the market. They are perfectly suited to plastic, steel, copper, cast iron, and GRP pipes, allowing for connections at both the spigot and socket ends. The connectors can also be used as repair elements and sleeves for damaged pipelines. The connectors are made of an **EPDM** compound.

NAME	Minimum pipe diameter [mm]	Maximum pipe diameter [mm]	Minimum overlap on the pipe [mm]	Seal height [mm]	CODE
COUPLING 25-32/40-50	25-32	40-50	25	65	**4031**
COUPLING 32-40/40-50	32-40	40-50	25	65	**4032**
COUPLING 42-50/105-120	42-50	105-120	25	105	**4033**
COUPLING 65-80/105-120	65-80	105-120	25	105	**4034**
COUPLING 105-120/145-160	105-120	145-160	25	105	**4035**

CANALIZATION SEALS

Telescopic cuffs

Telescopic rubber sleeves act as a tight, movable connec!on between a smooth or corrugated riser pipe extending from a base and a smooth-walled telescopic pipe terminating in a sewer manhole. The telescopic sleeve compensates for stresses caused by changes in the position of the sewer manhole relative to the collecting or through base due to climatic factors, natural soil movement, and road traffic. The sleeves are made of SBR-based rubber compounds with a standard hardness class of 60' IRHD.





TELESCOPIC COLLAR (MANCHETTE) FOR PIPE SMOOTH PIPE – code: 4025





TELESCOPIC COLLAR (MANCHETTE) FOR CORRUGATED PIPE – code: 4026

NAME	Outer diameter of the stem pipe [mm]	Maximum pipe wall thickness [mm]	Diameter of the telescope tube [mm]	Total cuff height [mm]	CODE
TELESCOPIC COLLAR (MANCHETTE) FOR PIPE SMOOTH PIPE	400	10	315	70	**4025**
TELESCOPIC COLLAR (MANCHETTE) FOR CORRUGATED PIPE	400	25	315	70	**4026**

IRRIGATION

Automatic irrigation is a system of hidden pipes, sprinklers, and drip lines, to which water is supplied via a manifold with valves. A controller is responsible for the operation of the valves and water distribution, independently and precisely watering the garden or other green area according to a planned schedule. The valves are located in the boxes.

Water intake boxes and valve boxes are the basic devices used in the construction of automatic irrigation systems – AQUABIN's boxes are characterized by innovation and high quality.

Water intake boxes allow for the connection of a garden hose at their location. A metal ball valve is located inside the box.

The valve box can accommodate 1 to 6 valves. The box provides easy access to electric or manual valves, securing and protecting the valves from damage. The valve boxes are available with four cover colors: green (HIDE) – for concealment in grass or other green areas, orange (FIND) – easy to find, brown (WOOD) – for concealment in bark, and gray (STONE) – for concealment in stone/paving stones.









IRRIGATION – WATER INTAKE BOXES



Water intake box with valve 3/4 inch FULL (with flap on the cover)



Water intake box with valve 3/4 inch (with “U” cut cover)

KEY PRODUCT FEATURES

- lightweight and durable HDPE construction
- height mechanical resistance
- easy transport and storage
- compact design
- UV-resistant covers
- steal ball valve inside
- available in four different colors

NAME	Lenght [mm]	Width [mm]	Height [mm]	Weight (kg)	CODE
WATER INTAKE BOX WITH VALVE 3/4 INCH (“U” CUT)	205	205	135	0,8	Green **2600,** Gray **2797** Brown **2667,** Orange **2601**
WATER INTAKE BOX WITH VALVE 3/4 INCH FULL (FLAP)	205	205	135	0,8	Green **2736,** Gray **2798** Brown **2738,** Orange **2737**
VALVE 3/4 INCH	110	90	40	0,32	**2540**
CONNECTOR 3/4 INCH - QUICK CONNECTOR	50	50	50	0,01	**2282**

IRRIGATION – VALVE BOXES

Valve boxes for automatic irrigation systems – available in four colors.



Valve box MINI



Valve box LARGE



Valve box STANDARD



Valve box JUMBO



Valve box colors: green, brown gray, orange

KEY PRODUCT FEATURES

- lightweight and durable HDPE construction
- higt mechanical resistance
- easy transport and storage
- compact design
- UV-resistant covers
- INOX protection screw
- anti-slip protection on the cover

NAME	Lenght [mm]	Width [mm]	Height [mm]	Weight (kg)	CODE
VALVE BOX MINI	240	240	225	0,7	Green **4004,** Gray **4007** Brown **4006,** Orange **4005**
VALVE BOX LARGE	340	340	265	1,3	Green **4000,** Gray **4003** Brown **4002,** Orange **4001**
VALVE BOX STANDARD	390	520	315	3,2	Green **2833,** Gray **2836** Brown **2835,** Orange **2834**
VALVE BOX JUMBO	500	650	315	4,7	Green **2829,** Gray **2832** Brown **2831,** Orange **2830**

IRRIGATION - ACCESSORIES

Accesories for valve boxes and water intake boxes

NAME	Lengh [mm]	Width [mm]	Height [mm]	Weight (kg)	CODE
VALVE BOX MINI	160	160	21	0,12	Green **4012,** Gray **4015** Brown **4014,** Orange **4013**
VALVE BOX LARGE	255	255	21	0,28	Green **4008,** Gray **4011** Brown **4010,** Orange **4009**
VALVE BOX STANDARD	280	410	47	0,85	Green **2841,** Gray **2844** Brown **2843,** Orange **2842**
VALVE BOX JUMBO	390	540	47	1,5	Green **2837,** Gray **2840** Brown **2839,** Orange **2838**
WATER INTAKE CHAMBER COVER WITH „U" CUT	196	180	10	0,12	Green **2671,** Gray **2799** Brown **2673,** Orange **2672**
WATER INTAKE CHAMBER COVER WITH FLAP (FULL)	198	182	10	0,12	Green **2739,** Gray **2800** Brown **2741,** Orange **2740**



WATER INTAKE POST S-INOX – code: 2626



WATER INTAKE POST R-INOX – code: 2627

KEY PRODUCT FEATURES

- made by INOX steal
- tap G1/2 included
- bottom connection G1/2 inch
- brushed Surface finish
- easy to fix

NAME	Lengh [mm]	Width [mm]	Height [mm]	Weight (kg)	CODE
WATER INTAKE POST S-INOX	155	155	850	4,4	**2626**
WATER INTAKE POST R-INOX	155	155	850	3,5	**2627**

SERVICE ACCESSORIES FOR WASTEWATER TREATMENT PLANTS



CHARLES AUSTEN PUMPS LTD

NAME	Efficiency [l/min]	Power consumption [W]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	CODE
BLOWER CHARLES AUSTEN ET-60	60	55	203	165	153	6,0	**4040**
BLOWER CHARLES AUSTEN ET-80	80	75	210	185	171	7,0	**4041**
BLOWER CHARLES AUSTEN ET-120	120	90	265	215	198	9,5	**4042**





SECOH

NAME	Efficiency [l/min]	Power consumption [W]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	CODE
BLOWER SECOH EL-S-60N	60	40	211	177	200	4,4	**4043**
BLOWER SECOH EL-S-80-15	80	74	269	201	216	8,5	**4045**
ENERGY-SAVING BLOWER SECOH JDK-50	50	42	221	177	200	4,5	**4056**
ENERGY-SAVING BLOWER SECOH JDK-S-60	60	40	214	185	211	6,4	**4046**
ENERGY-SAVING BLOWER SECOH JDK-S-80	80	50	214	185	211	6,4	**4047**
ENERGY-SAVING BLOWER SECOH JDK-S-100	100	75	214	185	211	6,4	**4057**
ENERGY-SAVING BLOWER SECOH JDK-S-120	120	95	214	185	211	6,4	**4048**

SERVICE ACCESSORIES FOR WASTEWATER TREATMENT PLANTS





HIBLOW

NAME	Efficiency [l/min]	Power consumption [W]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	CODE
BLOWER HIBLOW HP-40	40	38	208	171	190	5,7	4058
BLOWER HIBLOW HP-60	60	51	235	180	196	7	4059
BLOWER HIBLOW HP-80	80	71	235	180	196	7	4060
BLOWER HIBLOW XP-40	40	30	208	132	186	4,1	4061
BLOWER HIBLOW XP-60	60	39	208	132	186	4,3	4062
BLOWER HIBLOW XP-80	80	58	208	132	186	4,3	4063

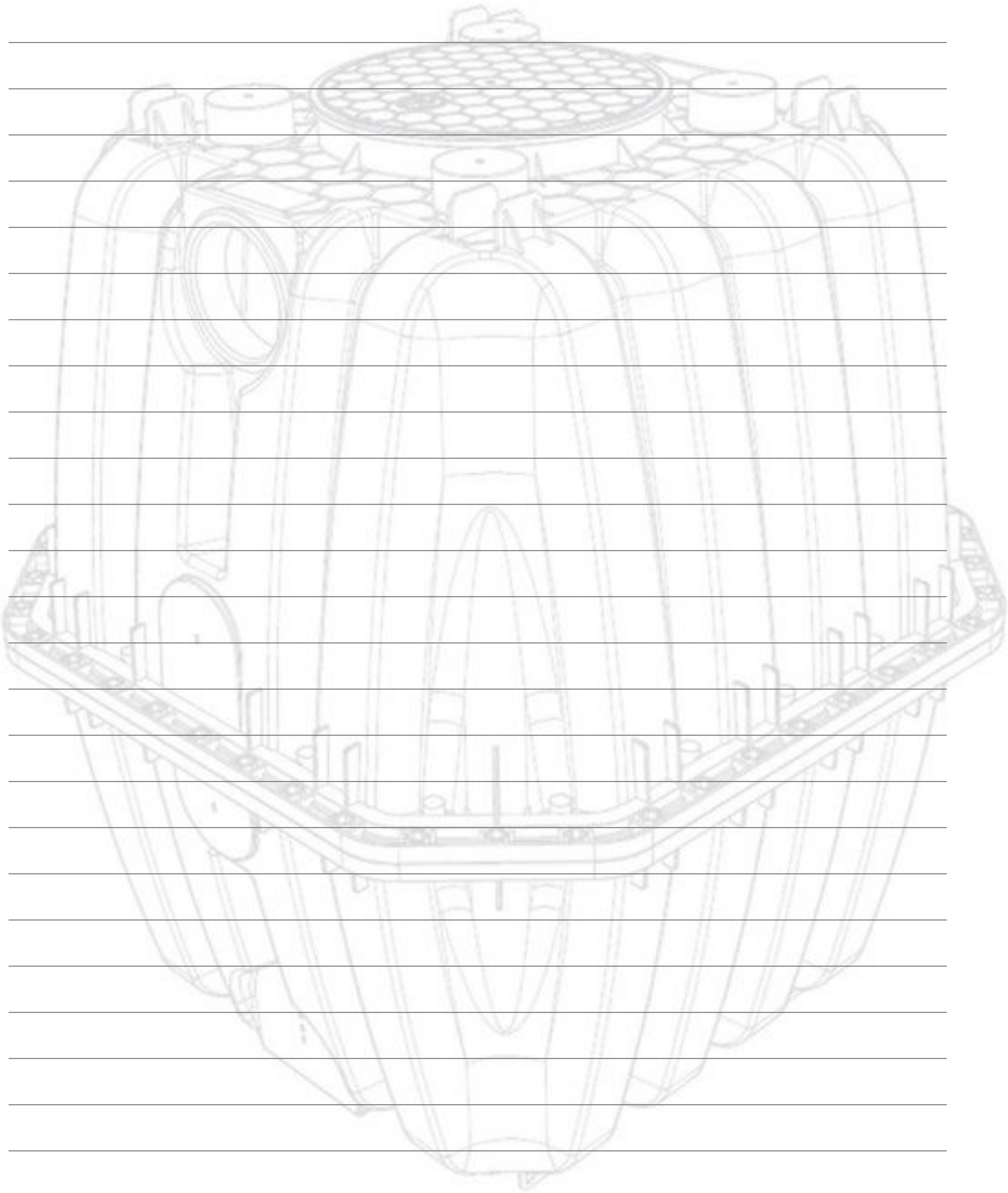




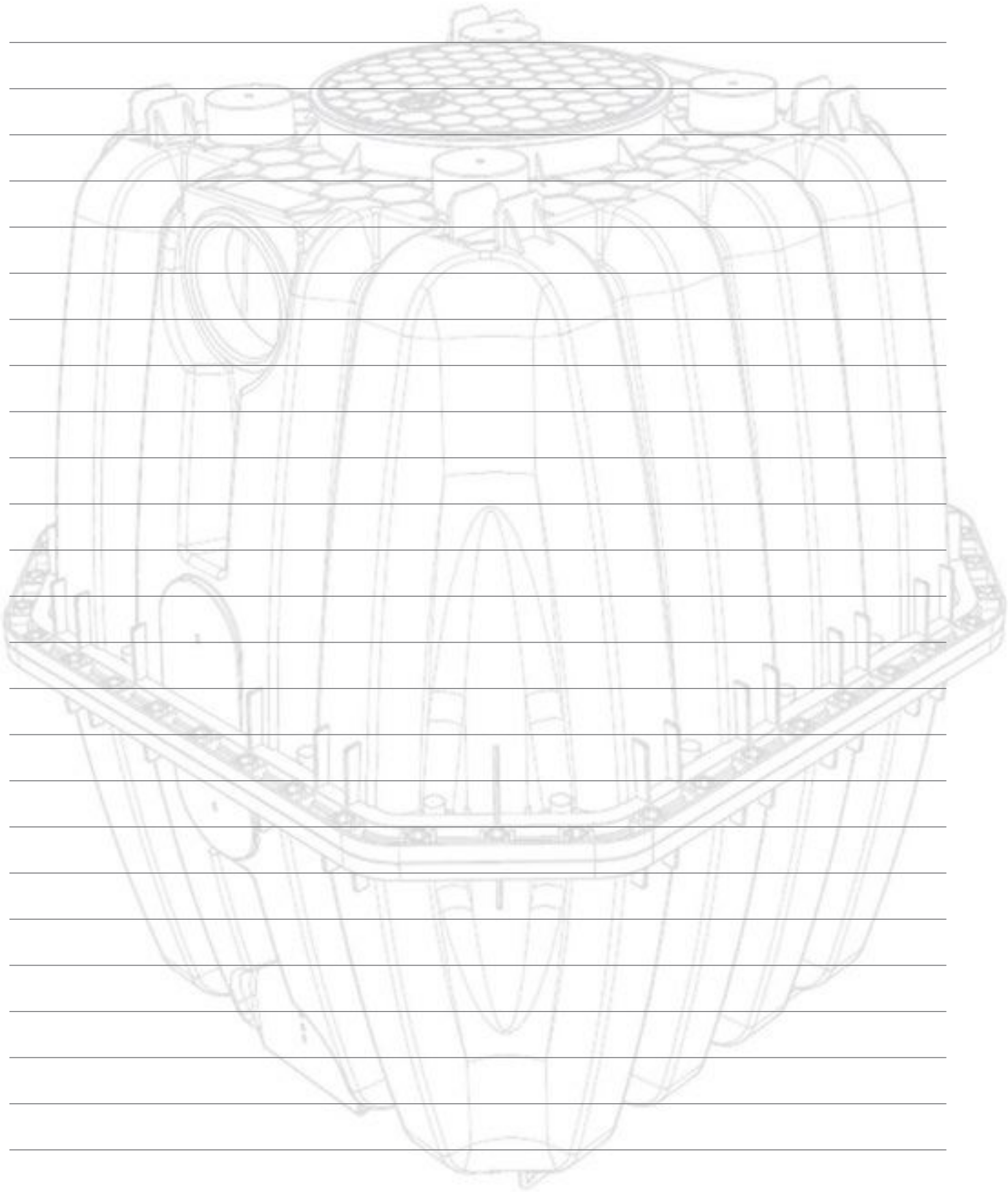
PEDROLLO®
the spring of life

NAME	Efficiency [l/min]	Power consumption [W]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	CODE
PUMP PEDROLLO TOP 2 VORTEX	20-180	370	152	152	268	5,3	4049
CONTROLLER OPTIMAX (2 VALVES)	-	5	210	130	100	1,2	4050
CONTROLLER OPTIMAX VIRO (1 VALVE, PUMP)	-	5	210	130	100	1,2	4051

NOTES



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