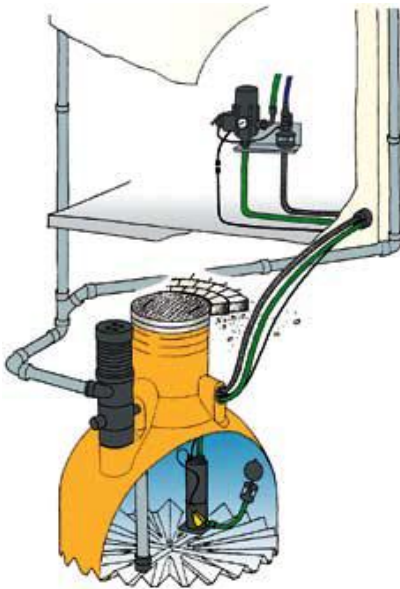


WISY Rainwater Tank with Combi-Filter

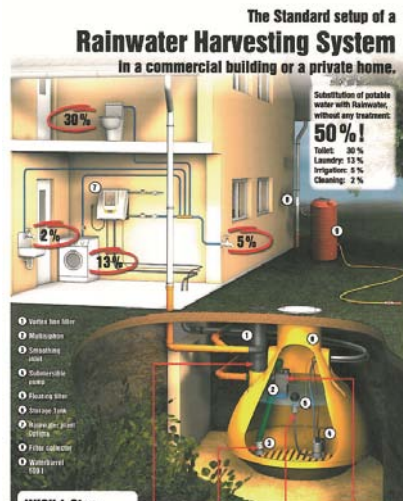
- Available in volume sizes of 4.5 m³, 5.5 m³ and 6.5 m³
- Compression-resistant durable tank for underground installation
- Robust construction, manufactured seamlessly in one piece
- Environmentally friendly material: polyethylene (PE)
- Pre-assembled Combi-Filter & integrated stainless steel Smoothing Inlet with pre-fitted pipe and bend; ready for use
- Large tank entry (Ø 70 cm) for easy access incl. child-safety cover
- Non-slip manhole cover with approved light vehicle duty (cars)
- Vortex Fine Filter (Combi-Filter) located outside the tank with separate manhole cover for easy maintenance
- Rainwater inlet pipe can be turned 360° to suit the connecting roof pipe-work from any direction
- 2x connections (inlet/outlet) in DN 100/4" + additional 4" capped socket for technical conductions (duct)
- Depth of pipe connections guarantee frost-proof installation
- Smooth inside walls prevent deposits and thus improve hygiene and water quality
- Light in weight, can be easily transported and installed
- 2x steel lifting hooks to lower the tank into the excavation



Made in Germany

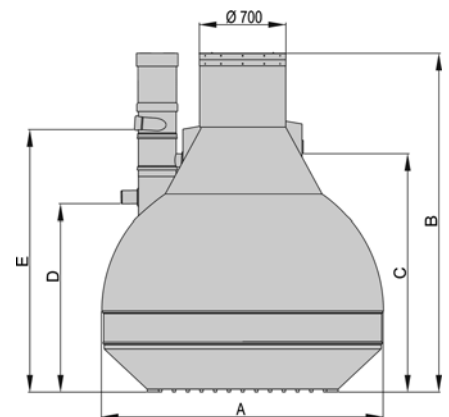


WISY Tank with MULTIMAT Rainwater Unit

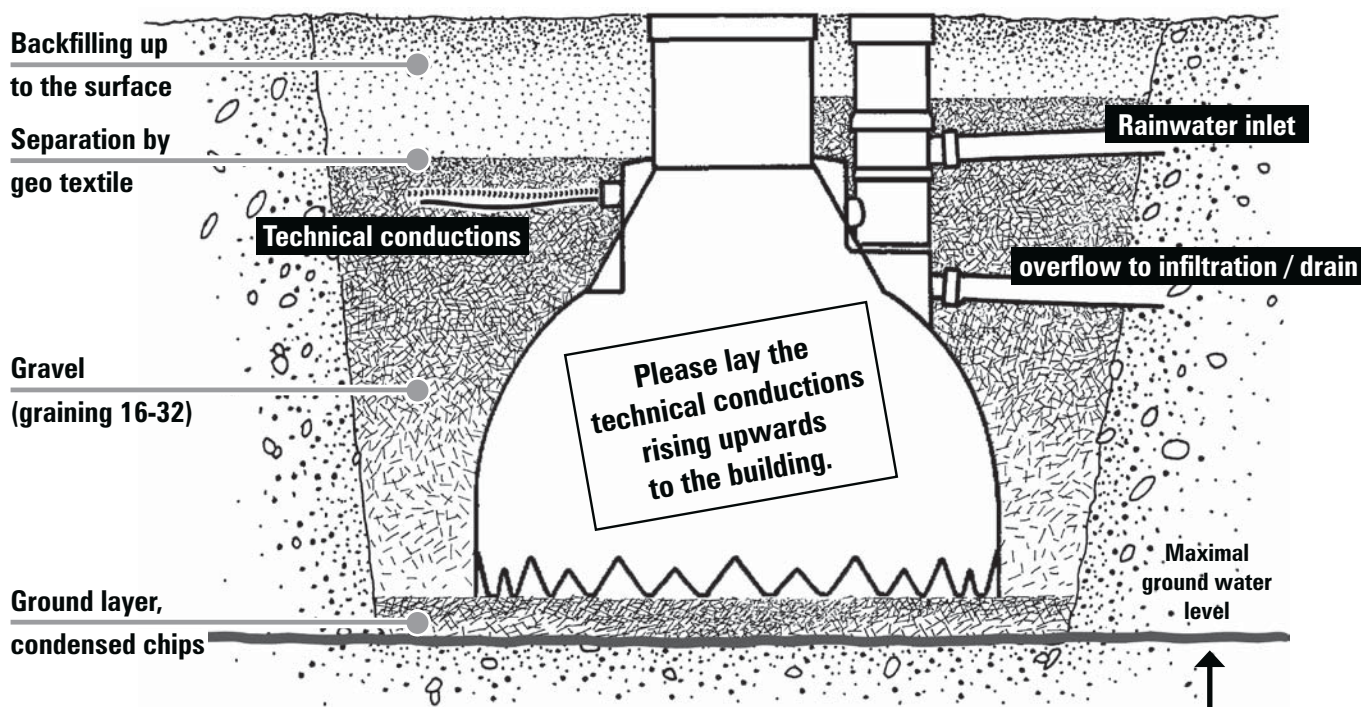


WISY Tank with OPTIMA Rainwater Unit

Item	Capacity	Diameter Ø	Installation Depth	Techn. Duct	Drain	Rain-water Inlet	Weight
		A	B	C	D	E	
RK 5460	4.5m ³	235 cm	251 cm	169 cm	152 cm	184 cm	230 kg
RK 6460	5.5m ³	235 cm	277 cm	195 cm	177 cm	209 cm	250 kg
RK 7460	6.5m ³	235 cm	302 cm	220 cm	202 cm	234 cm	270 kg



WISY-Rainwater Storage Tank Installation guide for complete equipment



❶ Excavation and digging depth

Take care of enough safety distance to the house foundation as well as of best and short tube connections. The digging depth please derive from the table (see backside, measure B + 20 cm). Up to the base of the excavation no groundwater or underground waterlayer is permitted (see picture).

Important note! Plastic tanks cannot be used below maximum groundwater level or in zones with underground water layers.

In case of a high density of the underground (f.i. loam / clay soil) take care of a secure drainage of seeping water.

❷ Making the excavation and ensure building site security in accordance with DIN/UVV

The excavation can be digged round or squarely (diameter 3 m minimum) according to the safety instructions.

❸ Making the ground layer

Bring in ca. 20 cm of fine chip and condense highly (Vibrator).

❹ Lifting down the tank

Use the two steel eyes of the final ring to lift down the tank into the pit by wire or crane. The tank has to be lined up horizontal (spirit level)..

❺ Start filling up the pit up to the tube connections

To fix the tank and for to avoid deformation fill the tank to one third with water before filling up the pit for 50 cm layerwise around the tank, using gravel (16-32 graining). After that fill in the tank another third of water. Then fill up the pit around the tank, using gravel (16-32 graining), up to the height of the connection tubes. For to fill the pit don't use sand!

❻ Connecting the tank to tubes and technical conductions

For this connect the belonging tubes (filtered rainwater & infiltration pipe / drain pipe) to the tank. In setting zones the tubes are to arrange flexible with tube-fittings in S-form (view from above). Electric wires and technique lines (as suction hose etc.) can to be led through the technical conductions watertight by using the WISY wall bushing (Assecoires WD 2110).

❼ Go on filling up

After all connections are done cover the pipes with a layer of ca. 10 cm gravel. Beside the pipes go on filling up the pit, using gravel (16-32 graining).

❽ Installations inside the tank

All remaining installations inside the rainwater tank have to be done now.

❾ Running a test with the complete installation

Now check the correct functions of all the installations. **Note ! Check :** rainwaterinlet, filter, calming inlet, overflow and filter rinsing water to infiltration / drain, drain backflow valve, all belonging tubes, function of all technical device (pump, dry-running protection, potable water feed, level indicator etc.).

❿ Now fill the pit completely up to the ground level

Fill now the pit with gravel up to ca. 20 cm beneath ground level. The last 20 cm cover with a layer of soil. Filling up the pit has to be done immediately to avoid infiltration of seeping water while the pit is still open. Compacting the surface has to be done carefully manually. Separation between layers of gravel and soil by geo textile.

Basic Notes:

The WISY rainwater tanks made of PE are suitable for placing outside up ground and in the ground as well as inside cellars and halls.

WISY-rainwatertanks are of a defined height, which can be adapted variable to the desired level of the earth's surface by adding a prolonging tube or shortening the man hole. The height can be prolonged or cut by maximal 30 cm. If the man hole is prolonged more than 30 cm and the tank is installed deeper in the ground WISY can't give any guarantee.

For placing the tank outside up ground it should be ordered as 'black' to avoid the growth of algae.