

Water Management Solutions
Europe

RainStore® Flat

Low profile water
and wastewater
tanks



Tested
for inlet depth
up to 100 cm!



kingspan.com


Kingspan®

RainStore® Flat

The RainStore® Flat low profile tank for maximum efficiency with minimum installation requirements. The innovative design helps reduce installation costs and makes it possible to install in difficult ground conditions, including in places with high groundwater levels.

Who is the RainStore® Flat dedicated to?



Single-family home owners

Water bill savings allowing the garden to be watered even in a drought.



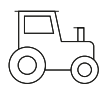
Developers and investors

Fast and easy installation fulfilling the requirements of modern construction.



Community garden owners

For watering plants during draughts, easy installation without heavy duty equipment thanks to the low profile.



Farmers

Alternative source for watering crops and providing water to animals.

Advantages of the RainStore® Flat tank

50%

With rainwater storage tanks, it is possible to save up to 50% on water consumption in the household.



Reduced water consumption means real money saved. This means that the investment is paying for itself during its service.



It is possible to apply for funding for solutions such as rainwater storage tank systems.



Storing and using rainwater is not only an economical, but also an ecological solution.

Flat water and wastewater tank



Sturdiest

The RainStore® Flat is a solution designed for many years of use. The RainStore® Flat 3 tank weighs 190 kg, the RainStore® Flat 5 version weighs 248 kg.

The weight is due to the sturdy design and thick materials.

The tank is installed underground, where it needs to be durable. It will last and be safe to use for years to come.

Low profile

The optimised shape helps reduce the excavation depth. The RainStore® Flat 3 required just 1.5 metres.

This is the perfect solution for places with high groundwater levels or inaccessible by heavy duty equipment.

Less work, less equipment, more time saved.

Quick installation

Thanks to the compact design, the tank can be installed with either a miniature excavator or manually.

There is no need to dig up the entire parcel. This is especially important when it comes to well-kept gardens.

Minimum interference, maximum customer satisfaction.

Model	Product code	Usable volume	Maximum volume	Length	Width	Height	Transport height	Inlet depth	Outlet depth	Weight
		Litres	Litres	mm	mm	mm	mm	mm	mm	kg
RainStore® Flat 3	RSF03000-BK-XX-01	2274	2730	2455	2100	1800	1800	499-995	469-965	190
RainStore® Flat 5	RSF05000-BK-XX-01	4364	4762	2930	2300	2060	2060	462-958	462-958	248

The provided dimensions are for reference purposes only. The differences are dictated by the manufacturing technology and use of the product.

Equipment tailored to needs

The RainStore® Flat is available in three equipment versions: START, BASIC, and GOLD.

Version START

Flat tank with regulator and safe hatch, no pipes or filter, for customers installing the tank without assistance.

Version BASIC

Flat tank with inlet/outlet connectors, regulator, safe hatch, nozzles, and basket filter.

Version GOLD

Flat tank with inlet/outlet connectors, regulator, safe hatch, basket filter, top quality Pedrollo TOP MULTI TECH 2 pump with automatic start, dry run safety mechanism, and pressure maintenance function.

All configurations (START, BASIC, GOLD) include the regulator and tight hatch.



Extra options

Basket filter designed to catch solid rainwater contamination. The filter improves the quality of water inside the tank and protects the pump and other elements of the rainwater collection system. The filter is delivered together with the installation elements.

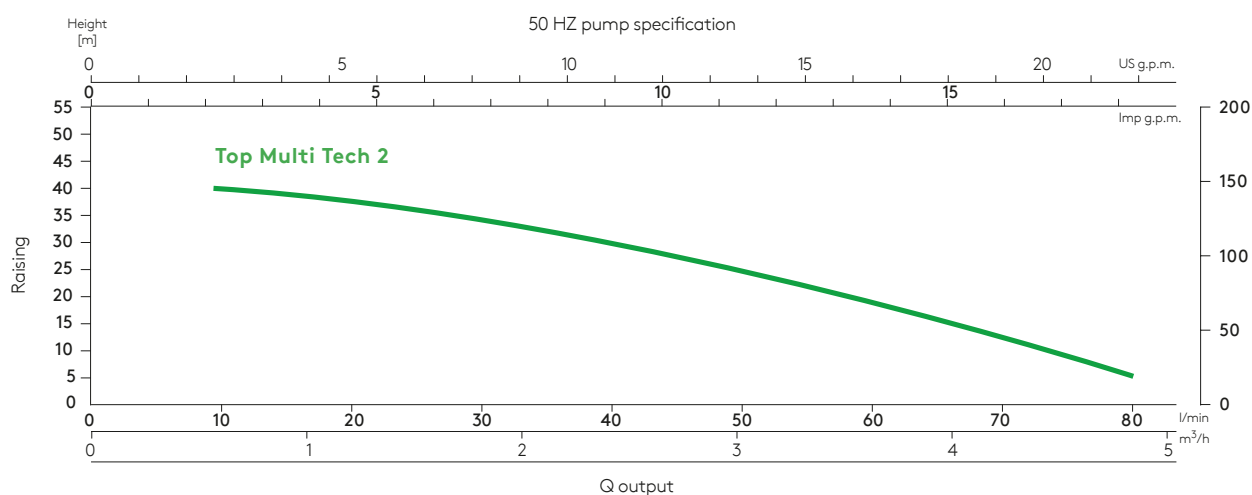


Pedrollo TOP MULTI TECH 2 pump

The GOLD version features the automatic Pedrollo TOP MULTI TECH 2 pump, which turns on automatically when the tap is opened and shuts off when the tap is closed. With high performance, dry-run protection, and automatic flushing, it's perfect for irrigation systems.

The pump includes a protection system against seizing after long periods of inactivity – the control electronics activate it every 48 hours for 10 seconds.

Pedrollo TOP MULTI TECH 2 delivers up to 80 l/min and a head of up to 40 m.*



* Technical data provided by the pump manufacturer. Actual performance may vary depending on installation conditions and usage.

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Distributor:



Kingspan Water & Energy manufacturing processes meet the restrictive ISO standards:

- ISO 9001:2015 - Quality Management System
- ISO 14001:2015 - Environmental Management System
- ISO 37301:2021 - Compliance Management System
- ISO 45001:2018 - Occupational Health and Safety Management System
- ISO 50001:2018 - Energy Management System

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v1.01.2026

