

Watercare 1050

Domestic Rainwater Harvesting
Control System

Application

- Private and commercial process water consumption
- Garden irrigation
- Up to a volume of 14 m³/h

Benefits

- Very quiet
- Very reliable operation
- Easy to install
- Specially developed automatic controls

Product description

The Watercare 1050 consists of a metal console inside the building and two stainless steel submersible pumps in the rainwater tank. The console inside the building has a very compact design. On the metal console are the pump controls and a solenoid valve with funnel for topping up with mains water.

The system controls switch on the submersible pump as soon as water begins to be consumed. The pump will supply the system even in situations where the length and height conditions are unfavourable. A float switch constantly monitors the level of the rainwater tank so that it automatically switches to supply with mains water when the rainwater level is low.

The intelligent link between the system controls and the solenoid valve is fully automated and topping up with mains water only occurs when needed.



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We **care** for your water

General specification

- 2 no. Multistage stainless steel submersible pumps with 1^{1/4} " intake and pressure adapters and 15m rubber hose
- 1m floating extractor
- Stainless steel manifold to connect the two submersible pumps
- Base console made of metal with cover
- Electrically operated mains water top-up with solenoid valve and funnel
- Specially developed system controls
- Electrical connections with pluggable connections

Dimensions and Weights

Console W x H x D	550 x 550 x 320 mm
Manifold entry	2 x 1" inside thread
Manifold exit	1 ^{1/2} " outside thread
Mains water connection	1" outside thread
Mains water top-up	DN100 adapters
Level sensor	20m (no grounding cable)
Weight (controls)	10 kg

Technical Specification

	Watercare1050 8-40	Watercare1050 8-70	Watercare1050 14-50	Watercare1050 14-60	Watercare1050 14-70
Max. Movement capacity m ³ /h	8	8	14	14	14
Max. Pressure in bar	4.2	7.2	5.1	6.4	7.7
Motor output P1 in kW	2 x 0.94	2 x 1.45	2 x 1.12	2 x 1.45	2 x 1.70

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