

Backup controller kit RENA for rainwater storage tanks



- Microprocessor-controlled supply of drinking water to rainwater tanks with connected water station
- Dry run protection and safety shutdown
- 2 program times for normal or increased water consumption
- Easy handling – fast installation



Application For monitoring rainwater tanks for sufficient water level. The backup controller RENA, consisting of control unit RENA, probe and solenoid valve, is designed for fully automatic supply of drinking water to rainwater tanks with connected water station. Continuous operation without frequent on and off cycles, two selectable program times for normal or increased water consumption, with leak monitoring, dry run protection and protection against deposits.

Description The complete backup controller kit consists of a control unit, indicators and controls and a Schuko CEE socket for connection of the water station, a probe for the water tank and a solenoid valve for connection to the water tap. If, as a result of insufficient precipitation or considerable water withdrawal, the level in the tank falls below a specific value, the solenoid valve is opened and fresh water from the drinking water mains system is supplied. 2 program times are selectable, depending on the water consumption (e.g. garden watering, car wash). In order to avoid the formation of deposits at the solenoid valve, the valve is opened for one second and closed again three times in a row every week. RENA features a safety shut-off system that responds to leaks in the tank or the pipes.

Technical specifications

Functions

Fully automatic backup controller for supplying drinking water to rainwater tanks with connected water station, with leak monitoring, dry run protection and protection against deposits.

Control unit RENA

Control unit with microprocessor

Operating temperature range

Ambient: 0/40 °C

Schuko CEE socket

AC 230 V (fuse T 10 A)

Supply voltage

AC 230 V

Dimensions

W x H x D: 100 x 188 x 65 mm

Degree of protection

IP 20 (EN 60529)

Solenoid valve

For drinking water and rainwater

W x H x D: 95 x 80 x 100 mm

Connection: G $\frac{1}{2}$ x G $\frac{3}{4}$

Flow rate: Max. 50 l/min

(inlet pressure 4 bar, open outlet)

Supply voltage: AC 230 V

Mains cable: 3 m

Degree of protection: IP 65 (EN 60529)

Level probe

For drinking water and rainwater

Supply voltage: AC 6 V

Scope of delivery RENA backup controller kit

- Control unit RENA
- Level probe RENA with 15 m probe cable
- Solenoid valve (G $\frac{1}{2}$ x G $\frac{3}{4}$) with 3 m mains cable
- Operating instructions

DG: H, PG: 4			Part no.	Price €
RENA backup controller kit, complete	1	-	53100	
Control unit RENA	1	-	53101	
Level probe RENA with 15 m probe cable	1	-	53102	
Level probe RENA with 25 m probe cable	1	-	53122	
Solenoid valve G$\frac{1}{2}$ x G$\frac{3}{4}$	1	-	53134	