

PM Rain



The BasicLine by Grundfos PM Rain is a rain water harvesting device based on the Pressure Manager and is used in conjunction with a Grundfos pump. It ensures that all collected rainwater is used as first priority instead of precious drinking water, on applications such as toilets, laundry and watering the garden. It automatically starts the pump when it senses a demand and will switch over to mains water when your rainwater tank is empty or in the case of an electrical failure. Installation of the PM Rain is easy, simply connect it to your pipework.

No level sensor is needed for the rainwater tank.



FEATURES

Easy installation

The PM Rain incorporates a specially designed valve, which eliminates the need for a level sensor in the rainwater tank. This reduces installation time and cost.

Certified for drinking water

The PM Rain is WaterMark approved, and suitable for direct plumbing with main water.

User-friendly display

The PM Rain features a user-friendly display with LED indicators showing pump on, warning and indication of whether water is drawn from the rainwater tank or mains water supply.

Protective functions

The PM Rain incorporates functions which protect both the pump and the installation. These protective functions are dry-running protection, cycling alarm.

Backflow prevention

PM Rain features dual non-return valve for the mains water supply. This ensures that there will be no backflow into the mains supply eliminating the risk of contamination.

APPLICATIONS

- Rainwater harvesting with mains water back up

OPERATING CONDITIONS

System pressure

Max. 10 bar

Liquid temperature

0 °C to 60 °C

Ambient temperature

0 °C to 55 °C

TECHNICAL DATA

Mains voltage

1 x 240 V, 50 Hz

Enclosure class

IP65

Pstart

2.5 to 6 bar

Pstop

Pstart+1 bar

Insulation class

B

Sound pressure level

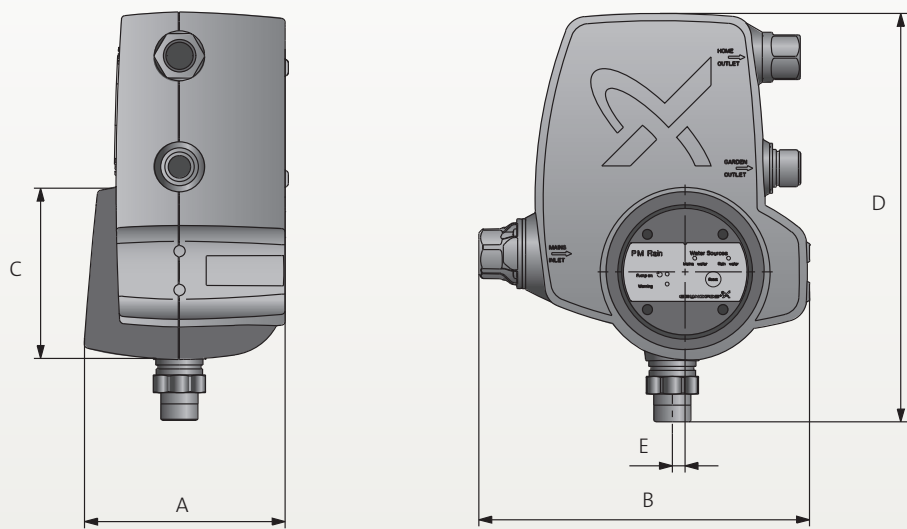
55 dB

Approvals and markings

C-Tick, Watermark AS4020



DIMENSIONS



Model	Connections			Dimensions (mm)				
	Outlet (House)	Outlet (Garden)	Inlet	A	B	C	D	E
PMRain controller	3/4" F	1" M	1" M	180	297	153	368	11

