

Product Data Sheet

Irrigation-Manager BM 4

Order No. 4045



Programmable controller

Technical Data

Irrigation-Manager BM 4

Pre-assembled head unit in lockable stainless steel box for outdoor use for automated irrigation of green roofs.

Contains: connection for water supply line 32 mm, filter, pressure regulator, connection for garden hose, irrigation time controller (operated via batteries, therefore no power supply required), 4 magnetic valves 1" including connectors for 32 mm tube and rain sensor.

In combination with the System build-up "Summer Plains" (consisting of Aquatec® AT 45 elements, Wicking Mat DV 40 and Dripperlines 100-L1, installed with a distance of 500 mm) up to 250 m² of roof area can be irrigated per magnetic valve. Thus a total area of up to 1000 m² can be irrigated consecutively with one Irrigation-Manager BM 4 (a water supply of 5 m³/h needs to be given at roof height).

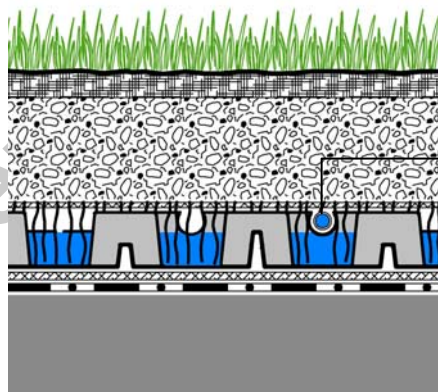
Length x Width:	ca. 580 mm x 390 mm
Height:	ca. 250 mm
Weight:	ca. 14 kg
Required water pressure (flow pressure):	min. 1.5 bar resp. 3 bar in order to achieve the maximum section size (see above)

Features

- pre-assembled head-unit in lockable stainless steel box for use on green roofs
- by means of a programmable controller unit up to four areas can be irrigated as required
- up to 250 m² of green roof can be irrigated per magnetic valve; the head unit is also usable for other types of irrigation (sprinkler, for example)
- the irrigation is interrupted by an integrated sensor during rain
- no electrical connection required due to power supply via batteries
- The on-site water connection needs to comply with the Standard EN 1717 in combination with DIN 1988-100 and to correspond to relevant regulations. The appropriate safety devices to protect drinking water are not part of the irrigation manager.

Application Example

Simple Intensive Green Roof Type



- Pre-cultivated lawn
- System Substrate "Lawn" (min. 80 mm)
- Dripperline 100-L1, supplied by the Irrigation-Manager BM 4
- Wicking Mat DV 40
- Aquatec® AT 45
- Filter Sheet PV
- Roof construction with root resistant waterproofing

Specification Suggestion

Pre-assembled head unit for automated irrigation especially for green roofs; lockable stainless steel box for outdoor use, dimensions ca. 580 x 390 x 250 mm, including 32 mm connection for water supply, filter, pressure regulator, connector for dripperline, 4 magnetic valves 1"

with connections for 32 mm tube and rain sensor, delivery and installation according to manufacturer's instructions.

Make: ZinCo Irrigation-Manager BM 4
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