

System Specification

Residential Green Roof Watering Package (SGR25)

Description:

The package covers a flat green roof area of 25m² or a sloping area of 50m².

Includes Controller, dripline and associated fittings.

Control system

The system will be operated via Hunter BTT Bluetooth battery powered tap timer. This is simple to program using the Hunter BTT smart phone app. The controller has a ¾" BSPF thread and screws directly to a standard bib tap outlet. The controller is fitted with a push button manual start.

Supply Pipe

16mm LDPE pipe is supplied to run from the controller outlet up to the roof level. 16mm hammer clips are provided to secure the pipework.

Dripline

The green roof will be irrigated using Permadrip-Pro dripline with a 30cm emitter spacing. This is a robust 16mm brown coloured pipe which has a wall thickness of 1.2mm. The emitters are pressure compensating providing a consistent output of 1.6 L/h. The driplines will be laid on the surface running across the roof and secured either with soil pegs or strapped directly to the sedum matting as appropriate.

All pipe connections will be PoziLock compression type which provide easy assembly combined with a high level of durability making them ideal for this type of application.

Additional Requirements

It is recommended that before purchasing this watering package a flow test is carried out on the proposed water supply to ensure it will be capable of supplying enough water to run the system (if in doubt consult our sales team).

In addition to this package the following will also be required:

- Mains water supply capable of delivering 270L/h@2.0 bar at roof level (50m dripline).

General Details

Location of Equipment

Due to the nature of the equipment, some drainage of water onto the floor is to be expected during routine maintenance or should a fault develop. It is the responsibility of the client to check the suitability of the proposed equipment and its proposed location before installation.

Connection to Water Supply

It is a legal requirement that the Local Water Authority is informed of the intention to install this system. Check with your Local Water Authority as to the backflow requirement for this system.

Terms and Conditions

Warranty information, payment terms and delivery information is contained in the 'Terms and Conditions of Sale for Access Irrigation Limited', available by request or downloadable from our website.

Maintenance

The system should be drained down during periods where frost is likely. Information on maintenance of the system components will be provided with the package.

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