

DHA-110D Blue-Green Roof Adjustable Weir Unit

Stainless Steel Weir unit for 4" roof drain, floodings adjustable 0-12" w/
inner riser

#100193



Manual

■ Green up the roof!



Application:

Basal flood irrigation is an efficient and low-maintenance technique for irrigating vegetated roofs. It is intended for use on level roofs. Blue-Green Roofs are also stormwater control measures that minimize runoff by maximizing evaporation. The weir unit determines the maximum depth of retained water after rainfall events. Blue-Green Roofs can be either active or passive. During dry periods, active designs replenish water from a reservoir; Typically a rainwater harvesting tank r. An accessory device, attached to the outlet, regulates flow from the reservoir in order to maintain the water level within a predetermined range

Installation instructions:

There are three types of installation depending on the roof system itself. In cases where drainage boards are installed, the inspection boxes are placed directly on them. With aggregate type drainage layers, the inspection boxes have to be placed directly on the protection fabric, and drainage pipes are recommended to enhance the flow capacity. On inverted roofs, the inspection boxes are placed on a sheet of drainage board, on top of the on the thermal insulation. After placing the boxes, a gravel board perimeter is installed 12" from the box. The space is then filled with river rock, thus forming a strip that surrounds the inspection box and acts as a protection and separation field. Great care has to be taken to ensure the continuity of the filter fabric in the area around the inspection boxes. It is advisable to run the filter fabric at least 2" up along the sides of the inspection boxes. To lock the inspection boxes properly, line up the rib underneath the symbol on the lid with the cut on the housing.

Installation Tools:

There are no special tools required for the installation of this product.

Installation Photos:



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DIADEM USA, Inc.

8795 SW Tualatin Sherwood Rd #1005, Tualatin, OR 97062
Email: info@diademusa.com; Web: www.diademusa.com