



EGSW has a full line of manhole insert dishes including Polyethylene, polycarbonate and stainless steel. These products are designed to significantly abate rainfall from entering the sanitary sewer system through the manhole cover and upper frame area. Product selection should be based on the intended placement of the product and diameter of the frame. For questions regarding proper placement of each dish please contact your local representative.

Inflow Defender®



Inflow defender is manufactured from a high density polyethylene resin. The dish is molded at a uniform 250 Mil minimum thickness and has ribbed members built into the bowl area for increased strength and durability when compared to traditional polyethylene inserts. In addition the Inflow Defender is designed with a replaceable lift strap made from a high quality woven polypropylene material that does not degrade under standing water. The Inflow Defender dish is designed for diameters up to 24" inches and each manhole should be accurately measured before ordering.

Features

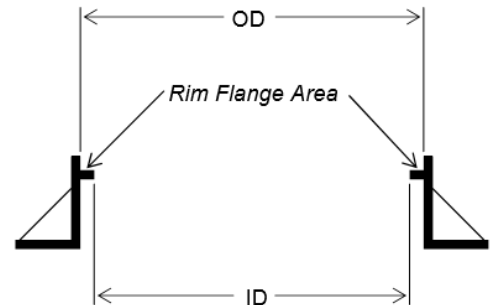
- Fully assembled – no tools required
- Eliminates excess flow
- Filters out abrasive debris
- Molded structural ribs

Benefits

- Reduces maintenance cost
- Eliminates motor run time spikes, reduces treatment cost
- Reduces maintenance cost
- Prevents dish from falling into manhole

Installation Procedures:

1. Remove the manhole cover.
2. Clean the manhole rim flange area clean of dirt and debris to ensure accurate measurement.
3. Locate the manhole frame Inside Diameter (ID). Measure ID with a minimum of two dimensional measurements for accuracy. Record the smallest measurement to the nearest 1/8".
4. Locate the manhole frame Outside Diameter (OD). Measure OD with a minimum of two dimensional measurements for accuracy. Record the smallest measurement to the nearest 1/8".
5. Install flow dish and replace manhole cover.



Manhole Frame — Cross Section
(Detail lines have been omitted for clarity)

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For professional use only. Not for sale to or use by the general public. See Inflow Defender Max® Specification Sheet for complete inflow dish technical data.