

grease interceptors

manual grease interceptors

HT-2815

PRODUCT DETAILS

Manual Grease Interceptors (MGI) are hydromechanical grease interceptors designed to intercept and collect large quantities of sewer clogging fats, oil and grease (FOG) and oily food waste discharged from food service establishments' kitchens.

They are usually installed indoors and connected to the drain lines of the pot washing sink and the dishwasher pre-rinse sink. MGIs are typically used where they can be connected to a sanitary sewer that does not mandate automatic grease recovery devices.

Operation

The operation of the MGI is simple. They retain wastewater long enough to allow FOG and oily food solids to separate out by gravity flotation and settling. Since grease is lighter than water, the grease floats to the surface of the interceptor.

Conversely, solids settle to the bottom and accumulate at the sludge baffle. The accumulating grease can be scooped and disposed of or recycled with other grease by a rendering firm.

Construction

MGIs are constructed of mild carbon steel and coated with heavy-duty polyurethane

for superior corrosion resistance. Stainless steel construction is also available. MGIs are available in many configurations to fit almost any requirement.

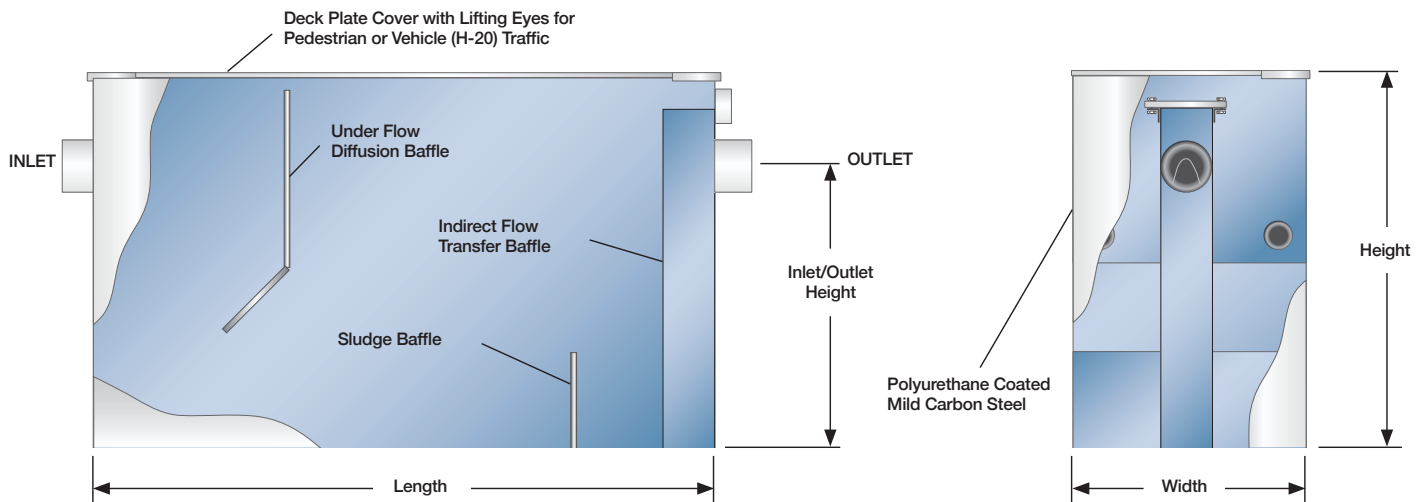
Large volume MGIs are available for applications where gravity grease interceptors cannot be installed underground due to high water conditions, bedrock, conflicting utilities or prohibitive costs. They are designed to fit into tight interior spaces.

MGIs are available with deck plate covers for pedestrian or vehicle (H-20) traffic and allow for total access to the interceptor for observation, maintenance and cleaning.



Designed to intercept and collect large quantities of sewer clogging fats, oil and grease

simple design, quality construction & easy operation



Options

- » Removable solids interceptor basket
- » Grade to invert extensions
- » Electronic grease level monitor with controls
- » Integral pump chambers
- » Thermal insulation

| Model | Static Water Gallons | Grease Holding Capacity Pounds | Length | Dimensions Width | Height | Inlet & Outlet** Diameter | Inlet & Outlet Height | Covers |
|--------------|----------------------|--------------------------------|--------|------------------|--------|---------------------------|-----------------------|--------|
| MGI -10 | 10 | 20 | 20" | 14" | 15" | 2" | 9.50" | 1 |
| MGI -15 | 14 | 30 | 22" | 14" | 15" | 2" | 11.50" | 1 |
| MGI -20 | 17 | 40 | 22" | 14" | 20" | 2" | 14" | 1 |
| MGI -25 | 25 | 50 | 26" | 17" | 22" | 3" | 14" | 1 |
| MGI -35 | 40 | 70 | 29" | 22" | 24" | 3" | 16" | 1 |
| MGI -50 | 47 | 100 | 30" | 22" | 26" | 3" | 18" | 1 |
| MGI -75 | 76 | 150 | 34" | 24" | 34" | 4" | 23.50" | 1 |
| MGI -100 | 193 | 200 | 53" | 35" | 34" | 4" | 26" | 2 |
| MGI -125 | 226 | 250 | 56" | 36" | 36" | 4" | 28" | 2 |
| MGI -150 | 304 | 300 | 59" | 37" | 38" | 4" | 30" | 2 |
| MGI -200 | 396 | 400 | 68" | 42" | 44" | 4" | 34" | 2 |
| MGI -250 | 500 | 500 | 73" | 44" | 48" | 4" | 38" | 3 |
| MGI -300 | 580 | 600 | 75" | 47" | 52" | 4" | 40" | 3 |
| †MGI -350 | 625 | 700 | 78" | 50" | 52" | 6" | 40" | 3 |
| †MGI -400 | 815 | 800 | 82" | 56" | 58" | 6" | 44" | 4 |
| †MGI -500 | 865 | 1,000 | 90" | 60" | 58" | 6" | 40" | 4 |
| †MGI -500-N | 506 | 1,000 | 86" | 34" | 58" | 6" | 43" | 4 |
| †MGI -600 | 997 | 1,200 | 96" | 60" | 58" | 8" | 44" | 4 |
| †MGI -750 | 1,018 | 1,500 | 98" | 60" | 58" | 8" | 44" | 4 |
| †MGI -750-N | 777 | 1,500 | 132" | 34" | 58" | 8" | 44" | 4 |
| †MGI -1000 | 1,039 | 2,000 | 100" | 60" | 58" | 8" | 44" | 4 |
| †MGI -1000-N | 971 | 2,000 | 150" | 34" | 58" | 8" | 44" | 4 |
| †MGI -1250 | 1,269 | 2,500 | 104" | 60" | 60" | 8" | 51" | 4 |
| †MGI -1500 | 1,513 | 3,000 | 124" | 60" | 60" | 8" | 51" | 4 |
| †MGI -1750 | 1,757 | 3,500 | 144" | 60" | 60" | 8" | 51" | 4 |
| †MGI -2000 | 2,002 | 4,000 | 164" | 60" | 72" | 8" | 51" | 4 |
| †MGI -2500 | 2,513 | 5,000 | 164" | 60" | 72" | 8" | 63" | 4 |
| †MGI -3000 | 3,003 | 6,000 | 196" | 60" | 72" | 8" | 63" | 5 |

* Intermittent flow. ** No-hub, schedule 40. † 6" and larger use companion flange connection. Also available with 8" or 10" inlet/outlet.

Note: Vent connections are 2" or 3" NPT, on outlet end of MGI. Series "N" units are designed to pass through a 36" wide doorway.

Always check with AHJ for local code requirements.



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4535 Elizabethtown Road
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Lebanon, PA
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