



Manual Grease Interceptors

HT-2815

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

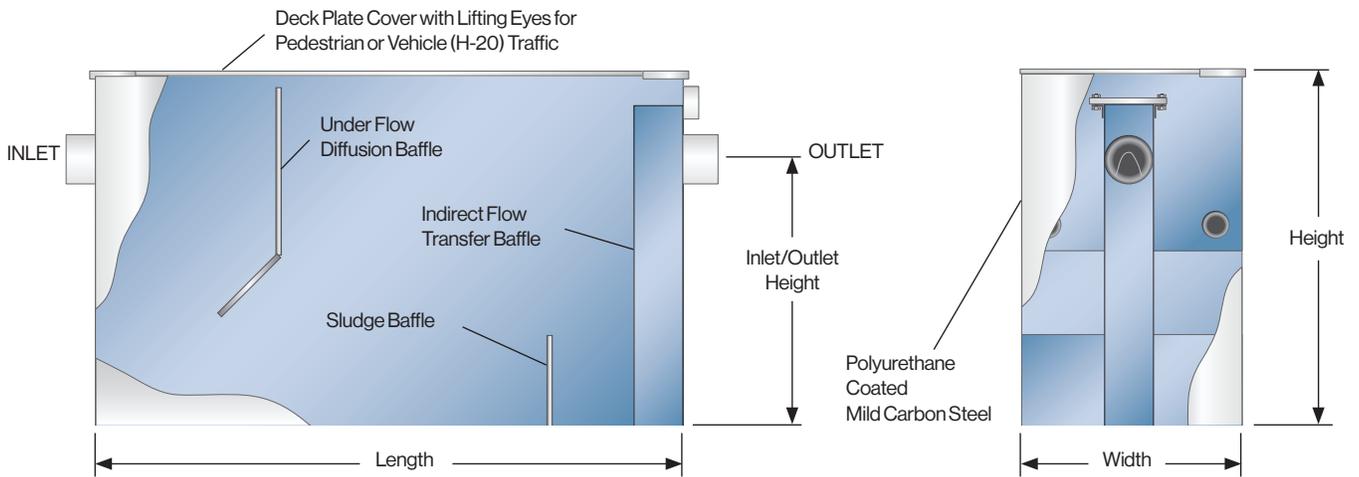
MGIs are constructed of mild carbon steel and coated with heavy-duty polyurethane for superior corrosion resistance. Stainless steel construction is also available. MGIs are available in many configurations to fit almost any requirement.

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



Highland Tank

Sizing Details

Model Flow Rate Gal/Min*	Static Water Gallons	Grease Holding Capacity Pounds	Nominal Dimensions			Inlet & Outlet** Diameter	Inlet & Outlet Height	Covers
			Length	Width	Height			
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.



Highland Tank®



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