

Hydromechanical Grease Management

Grease Interceptor

Engineered
for **Easy**



100 GPM

75 GPM

Drain-Net's Hydromechanical Grease Interceptor (HGI) is unlike traditional, large capacity Gravity Grease Interceptors. Our design uses more than just the natural buoyancy of fats, oils and grease (FOG) to separate them from waste water which results in qualified efficiency based on National performance standards to ensure the most effective removal of grease.

This grease interceptor features industry leading separation efficiency based on testing to national standards.

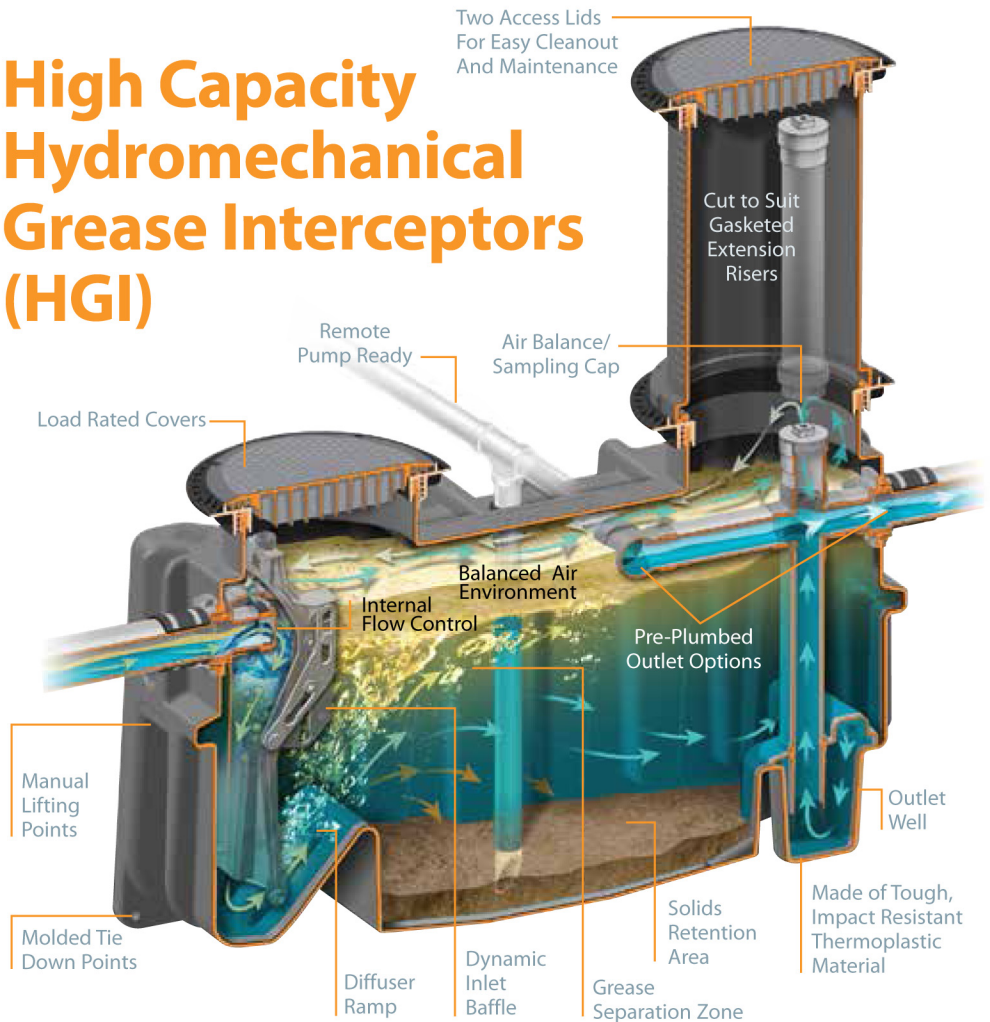


DrainNet
TECHNOLOGIES

www.Drain-Net.com
www.Drain-Tech.com

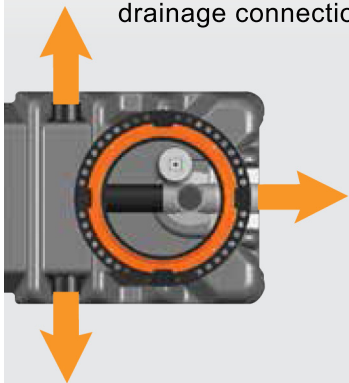
75-100 GPM

High Capacity Hydromechanical Grease Interceptors (HGI)



Factory Plumbed 3-Way Outlets

The HGI models feature three pre-plumbed outlet options for straight through, or side outlet drainage connections.



75 Model

Industry leading separation efficiency based on testing to national standards, over 98% efficiency. **Comparable operational grease capacity (580 lb) to 750 gallon Gravity GI (Concrete).***

* Based on 25% rule for maintenance



Traffic Rated Lid

Pedestrian Light Traffic Rated Lid



100 Model

Industry leading separation efficiency based on testing to national standards, over 98% efficiency. **Comparable operational grease capacity (1058 lb) to 1500 gallon Gravity GI (Concrete).***

* Based on 25% rule for maintenance



Traffic Rated Lid

Pedestrian Light Traffic Rated Lid

Sampling Well

Available with Traffic Rated or Pedestrian Light Traffic Rated Lid.

Supports specific jurisdictions that require the installation of an effluent sampling point downstream from grease interceptors serving FSEs. Comes with a choice of 6 outlets allows for 90° directional changes from inlet. Along with, 8" displacement between upper and lower connections for new installations.



Riser Extensions

Available in 18" and 35" models.

Cut to size extensions utilize existing connection hardware for easy installation.

DrainNet
TECHNOLOGIES



ASME A112.14.3 & CSA B481.1

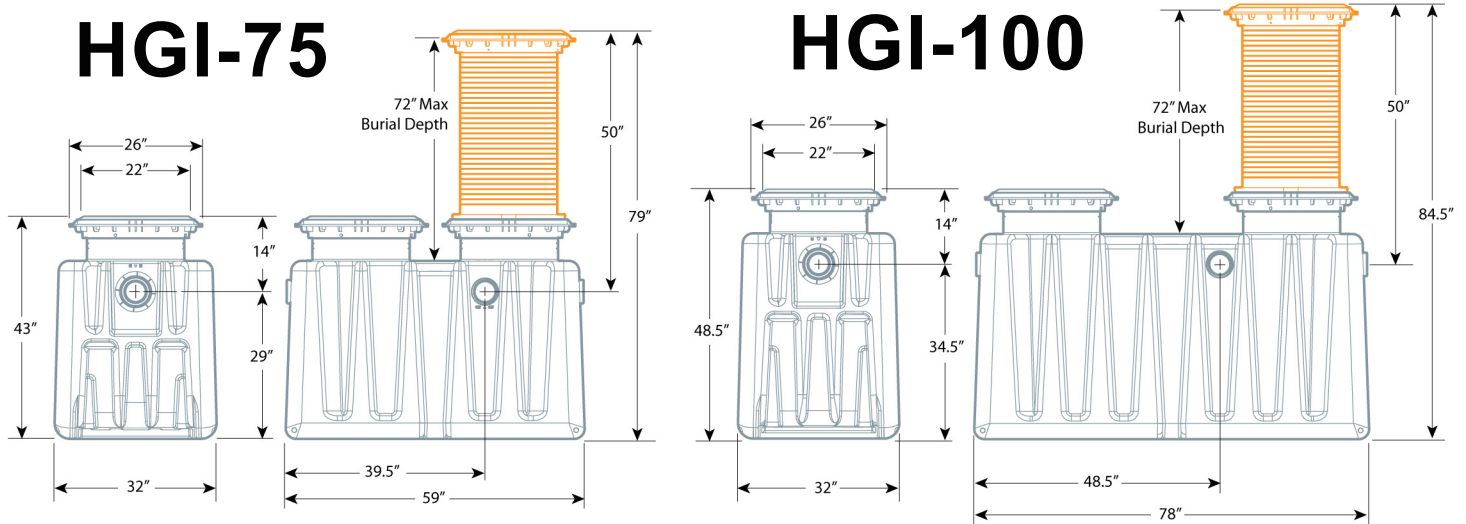
Specifications Made Easy



An Environmentally Responsible Choice

The tank is an environmentally conscious solution, molded with recompounded PE material, where availability allows.

Dimensions



We reserve the right to make part modifications without prior notice. Drawings for illustrative purposes only. All Dimensions are for illustrative purposes only, temperature will cause some variations.

Capacities

	HGI-75	HGI-100
Part Number Add Suffix "T" For FPT Connections	4075A04 4075A04T	40100A04 40100A04T
Flow Rate (GPM)	75	100
Flow Rate (L/Sec)	4.74	6.3
CAPACITY - Lbs (MIN)	150	200
CAPACITY - Kg (MIN)	68	91
CAPACITY - Lbs (Actual - ASME A112.14.3)	559lbs	1058lbs
CAPACITY - Kg (Actual - ASME A112.14.3)	253kg	480kg
Solids Capacity lbs (Kg) estimated	260lbs (118kg) 45 Gallons	350lbs (159kg) 60 Gallons
Average Efficiency % (ASME A112.14.3)	98%	99%
Operating Temperature Capabilities (Intermittent discharge)	160°F (71°C)	160°F (71°C)
Cover Load Capacity (Third Party Tested)	> 20,000 lbs (9072 kgs)	> 20,000 lbs (9072 kgs)
Unit Weight (Empty)	233 lbs (106 kgs)	283 lbs (128 kgs)
Liquid Capacity	158 gal (598 L)	257 gal (973 L)
Connection size (mechanical)	4"	4"

Specification:

Sample specification clause.

Contractor shall install a Drain-Net Hydromechanical Grease Interceptor (HGI), Part No. _____, independently third-party certified to the current version of PDI-G101, ASME A112.14.3 and CSA B481.1. Approved alternate is permissible providing written compliance to the following is provided and

Where an internal flow control is desirable and acceptable to the Authority Having Jurisdiction (AHJ), the interceptor shall be rated and approved to ASME A112.14.3 Type C. The flow control shall be accessible for cleaning and inspection up to the maximum burial depth of 72" regardless of the application and when requiring Riser Extension, the installing contractor will extend the opening device according to manufacturers published instructions. The outlet system will provide facility for connections to be made perpendicular to the inlet connection. Connection formats will be compliant with requirements of AHJ and the performance standards identified above. Contractor shall provide mechanical joint connectors or requisite materials to connect the grease interceptor to the drainage system, additionally making adequate provision for management of food debris and solids.

Interceptor shall be furnished with two (2) traffic rated access covers, maximizing internal visibility for inspection and maintenance when removed. These covers shall be capable of withstanding a proof load of 20,000lbs, being qualified for application at temperatures from -20°F to +100°F (-29°C to +38°C). The cover will be mechanically secured when operational.

The interceptor tank shall be constructed with seamless engineering thermoplastics, evaluated and approved to the material performance requirements of CSA B481.0.

The interceptor shall additionally; operate with an air-balanced environment to equalize variation in internal pressures being controlled and maintained with an appropriately sized air balance means; be supported by a Lifetime Warranty against manufacturing defect.

For approved Plumbing & Drainage Institute (PDI) installation, an accessible flow control 40442100A □, 4044275A □, 40442100AT □, 4044275AT □ (Indicate as applicable) with molded orifice and removable access cap will be installed upstream of the interceptor, being vented and installed according to manufactures instructions and the currently published version of PDI G101 Interceptor will be located within 25ft developed pipe run of the last connected appliance for operational compliance. Where applicable a secondary flow control will be employed in installations where there is greater than 8ft of vertical elevation between the kitchen discharge appliances and the interceptor inlet.

Approvals



U.P. Code
ASME A112.14.3 & CSA B481.1