

GreaseStopper®

Automatic Grease Interceptors

Models 15 - 100

Highland Tank



Listings and Approvals

Designed and constructed in accordance with Underwriters Laboratories UL430 Standard (ControlNumber1D42).

Tested by Chemir Analytical Services to conform to PDI G101 and certified to ASME A112.14.3 & 14.4.

IAPMO Research and Testing, Inc.
Certificate of Listing (UPC)

City of New York Material and Equipment
Acceptance - MEA No. 251-91E2

Massachusetts State Plumbing Code - CMR-248

Foxwoods Resorts Casino Vendor I.D. MPGE#6451

New Jersey Casino Control Commission
Vendor I.D. NO. 02066

Washington Suburban Sanitary Commission (WSSC)

U.S. Patent #'s 4,051,024, 4,268,396, 5,030,357

Canadian Patent # 1,097,227

U.K. Patent # 1,584,095



LISTED

1D42

WASTE DISPOSER



GreaseStopper® Automatic Grease Interceptors

Low Engineering GreaseStopper® (GS) Automatic Grease Interceptors are designed to intercept and remove large quantities of fats, oils, and grease (FOG) discharged from food service facilities and large commercial/institutional kitchens, which might interfere with the proper drainage and treatment of municipal wastewater.

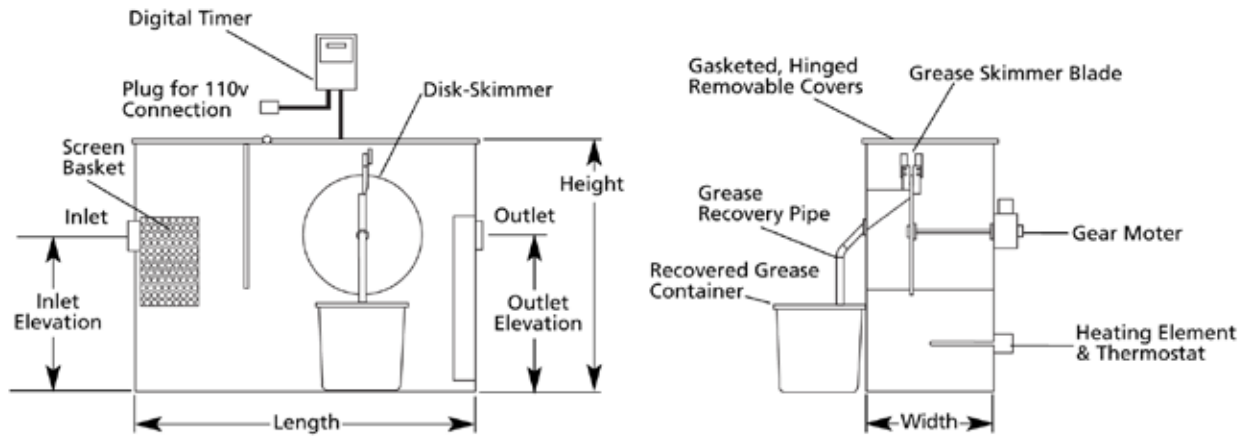
Model GS Automatic Grease Interceptors are relatively small, allowing installation in a kitchen under a sink or other limited space. Model GS Automatic Grease Interceptors incorporate an electrically powered grease-skimming device.

During operation, the grease is separated by gravity floatation. Since grease is lighter than water, it floats and can be skimmed off the top surface of the water on a time or event controlled basis. The skimmed grease is essentially scraped or wiped from the skimmer surface, removed from the interceptor, and collected in a waste disposal container. The accumulated grease and oils can be disposed of or recycled. GS units ship with a UL-Approved, heavy-duty plug for use with a properly installed GFI outlet, according to appropriate electrical code. The plug can be removed for direct wiring if required by authority having jurisdiction.

Proven Performance

- Recovers, removes and recycles fats, oils and grease.
- Extremely low maintenance - only one moving part!
- Quality design and construction
- The Low Engineering Automatic Grease Interceptor - The Original Automatic - Still the best available interceptor!

General Arrangement



Model	Static Water Flow Rate Gal/Min	Grease Holding Capacity (Gallons)	Grease Holding Capacity (lbs.)	Dimensions			Inlet / Outlet Diameter	Inlet / Outlet Height
				Length	Width	Height		
*AGI - 15	9.2	50	22.25"	12"	16.5"	2"/2"	9"/9"	
*AGI - 20	12.7	69	26.25"	14"	18"	2"/2"	9"/9"	
*AGI - 25**	17.1	91	33"	16"	18"	3"/3"	9"/9"	
AGI - 25L	19	83	40"	22"	18"	2"/2"	6"/6"	
AGI - 30	23	124	36"	17"	19"	3"/3"	10"/10"	
AGI - 35	43.5	253	36"	18"	26"	3"/3"	17"/17"	
AGI - 50	50	292	40"	18"	32"	3"/3"	18"/18"	
AGI - 75	75	458	48"	18"	35.75"	4"/4"	22"/22"	
AGI - 100	104	636	60"	20"	33.75"	4"/4"	22"/22"	

† National Plumbing Code requires a minimum 2 lbs. of grease detention for each gal./min of flow.

* Low inlet/outlet height (at 6") available on AGI models 15, 20 & 25.
Custom sizes, inlet/outlet elevations available, consult factory.



Advantages

- Removes and recovers nearly 100% of the fats, oils and grease from kitchen and food processing drains.
- New Digital Technology removes grease automatically on a pre-programmed, timed basis.
- Constructed of stainless steel and other corrosion resistant materials - suitable for installation in almost any location.
- Includes an electric immersion heater to maintain grease temperature and consistency for effective removal.
- Recovered grease is collected in an external Waste Grease Container.
- Easy access to interior for maintenance and cleaning.
- Eliminates costs of cleaning pipes and/or holding tanks inside and outside of the building.
- Removable screen basket collects and contains solids.
- Automatic timing device assures removal of grease on a daily basis.
- Removal of grease quickly eliminates decomposition and rancid chemical reactions.
- Reduces Total Suspended Solids (TSS) and Biological Oxygen Demand (BOD) loading.
- Recycled grease conforms to most environmental protection programs.
- Extensive range of standard sizes and capacities; Custom manufacturing is available.
- Plug in unit can be hard-wired if required by authority having jurisdiction.



Please visit us at www.lowe-engineering.com

1510 Stoystown Road
Friedens, PA 15541
814-443-6800
FAX 444-8662

One Highland Road
Stoystown, PA 15563
814-893-5701
FAX 893-6126

4535 Elizabethtown Road
Manheim, PA 17545
717-664-0600
FAX 664-0617

958 19th Street
Watervliet, NY 12189
518-273-0801
FAX 273-1365

2700 Patterson Street
Greensboro, NC 27407
336-218-0801
FAX 218-1292

2225 Chestnut Street
Lebanon, PA 17042
717-664-0602
FAX 664-0631