



Rectangular Passive Grease Interceptors

HT-2814

Rectangular Passive Grease Interceptors (R-PGI) can be installed aboveground to help FSE intercept and accumulate FOG on-site and prevent it from entering the POTW collection system. Like our cylindrical, underground units, the R-PGI's large capacity and specially designed internal baffles, retain wastewater long enough in a non-turbulent environment for proper grease and solids separation.

Their large volume can accommodate retention times of 30 minutes or greater. Additionally, they can receive discharge from kitchen fixtures, garbage grinders and all other food preparation areas, therefore eliminating the need for a solids interceptor. R-PGI are available in single, double or triple basin configurations.

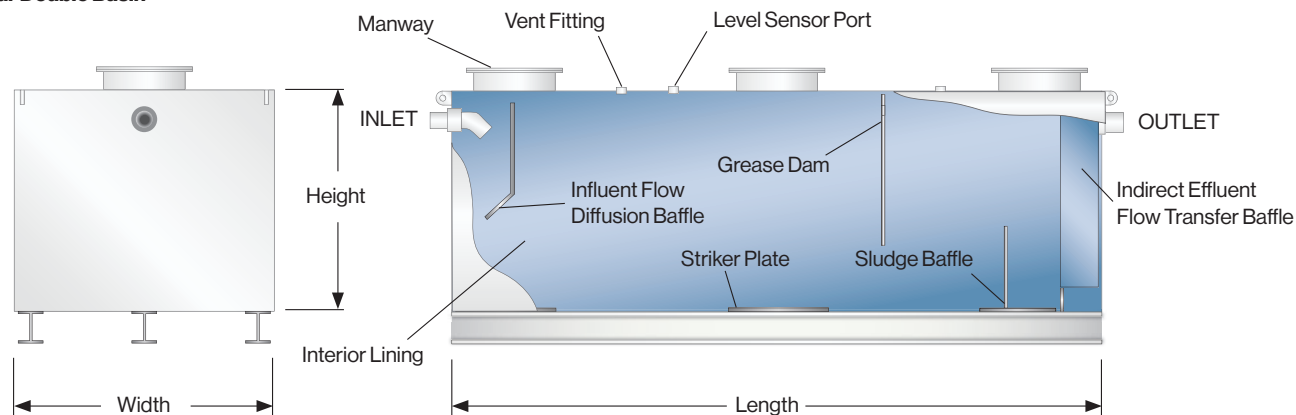
Their design and construction is superior to old style concrete grease interceptors. They are lighter than concrete and constructed as a one-piece unit, which is easier to install and maintain. Custom designs are available to meet AHJ requirements.

Standard Features

- Rugged protected steel construction for superior structural strength
- Factory welded inlet, outlet, transfer pipes and baffles
- Exterior polyurethane coating provides corrosion protection
- No-slip finish on tank top
- Acid-resistant internal polyurethane lining to protect against hydrogen sulfide damage
- Light color interior coating for ease of inspection
- Smooth, interior lining makes pump-outs and cleaning easier
- Factory-mounted on structural steel skid for bolting to pad
- Hinged, vapor-sealed covers for easy access, inspection and maintenance

Drawing & Details

Rectangular Double Basin



Total Volume Gallons	Nominal Dimensions			Inlet & Outlet Diameter
	Length	Width	Height	
*†500	5'-8"	4'-0"	4'-0"	4"
†750	8'-4"	4'-0"	4'-0"	4"
†1,000	11'-0"	4'-0"	4'-0"	4"
†1,250	8'-6"	5'-0"	5'-0"	4"
†1,500	10'-0"	5'-0"	5'-0"	4"
†2,000	13'-4"	5'-0"	5'-0"	4"
†2,500	16'-9"	5'-0"	5'-0"	4"
†3,000	16'-9"	6'-0"	5'-0"	4"
†4,000	22'-3"	6'-0"	5'-0"	4"
†5,000	23'-6"	6'-0"	6'-0"	6"
6,000	24'-2"	7'-0"	6'-0"	6"
7,000	23'-3"	7'-0"	7'-0"	6"
8,000	23'-3"	8'-0"	7'-0"	6"
9,000	22'-4"	8'-0"	8'-0"	6"
10,000	24'-9"	8'-0"	8'-0"	6"
12,000	23'-9"	9'-0"	9'-0"	8"
15,000	29'-9"	9'-0"	9'-0"	8"
20,000	35'-8"	10'-0"	9'-0"	8"
25,000	39'-4"	10'-0"	10'-0"	8"
30,000	47'-2"	10'-0"	10'-0"	8"

Options

- Custom sizing and configurations available per AHJ requirements
- Stainless steel construction
- Double-wall construction
- OSHA Ships Ladders, Stairs, Platforms & Railings
- Manway Extensions
- Thermal Insulation & Immersion Heaters
- Easily accessible Sampling Ports for monitoring
- FOGSWatch Monitoring System
- Effluent Filters
- Influent or Effluent Pump Systems

*Available as double-basin ONLY. † Complies to IAPMO UPC. Gravity Grease Interceptor (GGI) sizing and construction is consistent with industry protocol for complying with the sewer pre-treatment regulations. GGI sizing is based on 30-minute retention time. Consult Highland Tank for alternate sizing methods. Inlet diameter/flow must not exceed that of the outlet. Improper pumping of wastewater into the PGI can result in increased turbulence and less efficient separation; consult Highland Tank for influent pumping system selection.



Stoystown, PA
One Highland Rd.
Stoystown, PA 15563
(814) 893-5701

Manheim, PA
4535 Elizabethtown Rd.
Manheim, PA 17545
(717) 664-0600

Watervliet, NY
958 19th St.
Watervliet, NY 12189
(518) 273-0801

Greensboro, NC
2700 Patterson St.
Greensboro, NC 27407
(336) 218-0801

Friedens, PA
1510 Stoystown Rd.
Friedens, PA 15541
(814) 443-6800

Clarkston, MI
4701 White Lake Rd.
Clarkston, MI 48346
(248) 625-8700

Mancelona, MI
9517 Lake St.
Mancelona, MI 49659
(231) 587-8412