



Coarse Solids Strainer

HT-2819

The Coarse Solids Strainer (CSS) is a convenient solid-liquid strainer that removes a large percentage of oily food waste from food service establishments' (FSE) wastewater and produces a solids fraction with low moisture content.

Simplicity of design and efficient debris handling makes the Coarse Solids Strainer the ideal solution for cost efficient solids removal from a FSE's wastewater. Our engineers customize every CSS to site and application specific parameters. Retrofit into existing installations is simple and there is usually no need for expensive plumbing modifications.

Operation

The CSS has no moving parts and no power requirements. Operation is simple. The primary separation device is a stationary screen mounted on a positive incline. The raw liquid slurry enters the inlet, drains on to the top edge of the diffuser, and is allowed to flow over the heavy-duty screen.

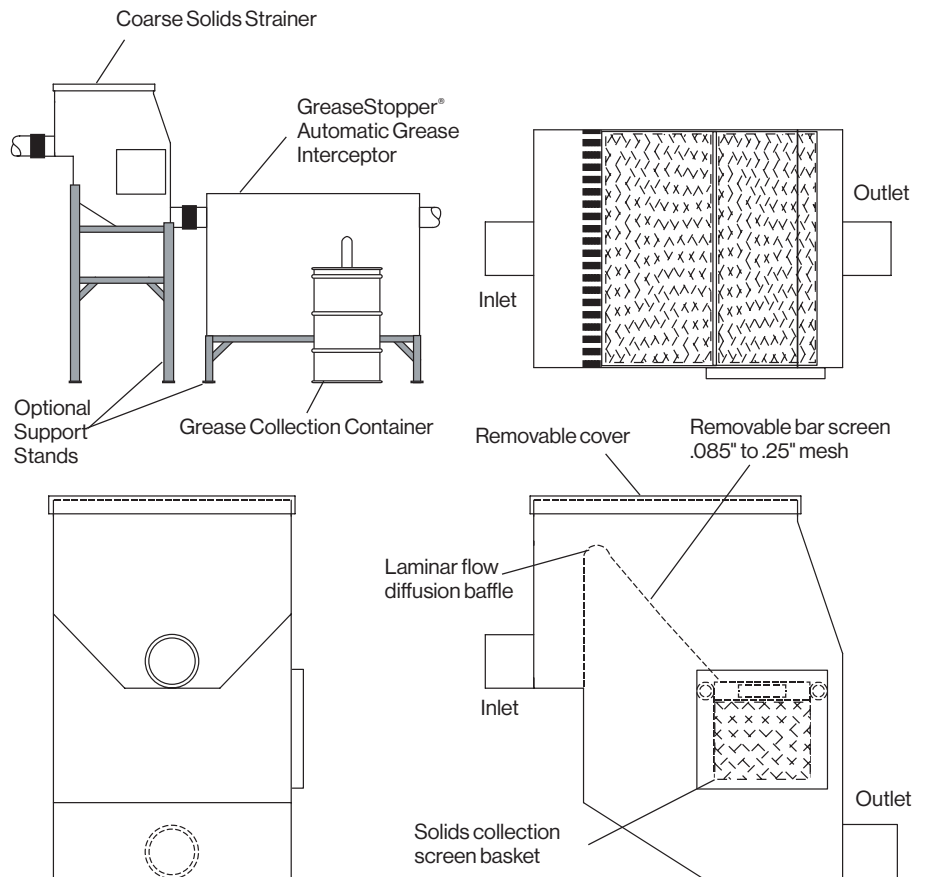
Liquids pass through the screen while solids move down the face of the screen and accumulate at the bottom screen basket for disposal. The wastewater drains to a properly sized GreaseStopper® Automatic Grease Interceptor for FOG removal before final discharge.

Advantages

- Simple & robust design
- Minimal maintenance in operation
- Proven reliable performance
- No debris bypassing or carry over to clean side
- Significant weight and volume reduction
- Minimized solids odor
- High moisture reduction
- Easy cleaning and maintenance
- Replaces small and large capacity garbage disposals
- Keeps grease interceptor cleaner and reduces maintenance periods
- Strains and collects coarse solids larger than 0.085" from kitchen wastewater

Drawing & Details

Cost Effective Solids Removal



Features

- Designed for installation with a GreaseStopper® Automatic Grease Interceptor or other grease removal unit or interceptor
- Durable stainless steel construction throughout
- Easy access to interior for maintenance and cleaning
- Mounting stands are made to order to almost any height
- Can be manufactured to suit almost any type of installation
- Custom manufacturing is available

Options & Accessories

- Bar screen opening can be adjusted to fit customer or site requirements
- Replacement solids collection basket
- Automatic solids removal auger available
- Clean water wash-down system



Highland Tank

814 • 893 • 5701 | highlandtank.com

