



## 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.

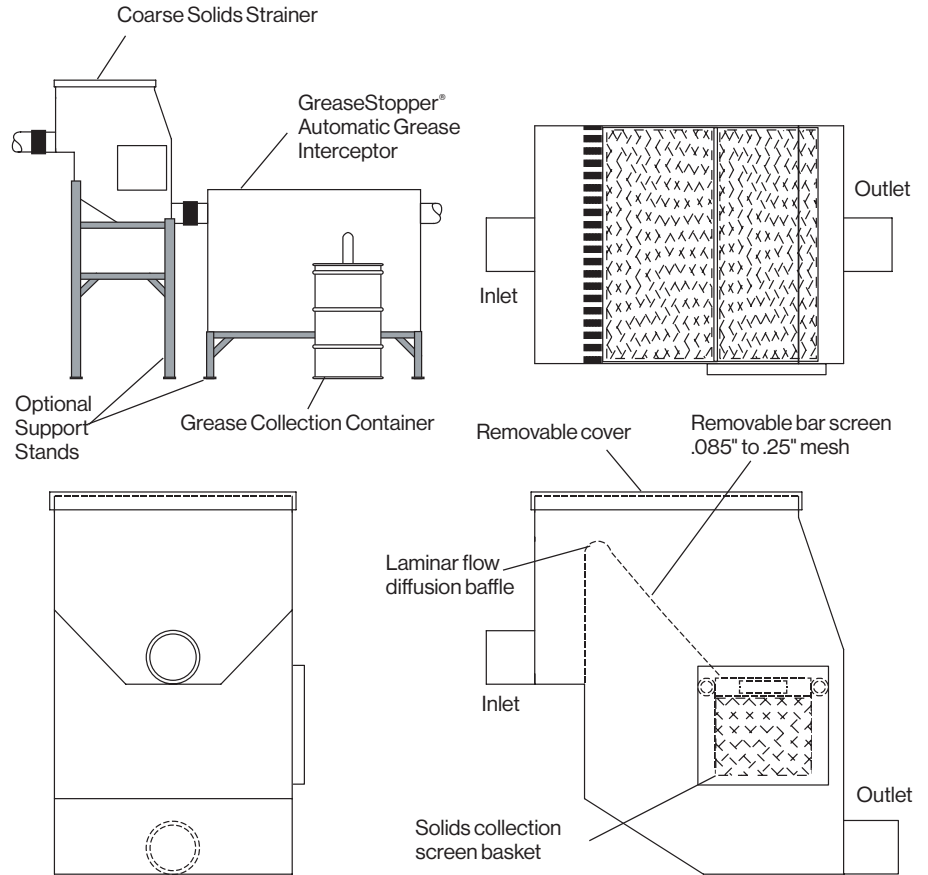
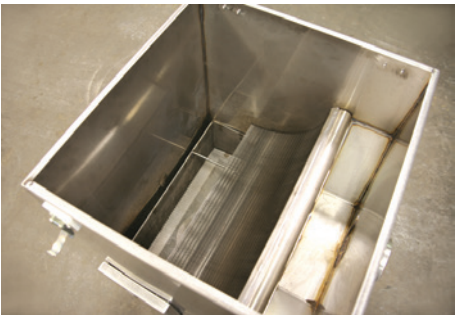
Liquids pass through the screen while solids move down the face of the screen and accumulate at the bottom screen basket for disposal. The wastewater drains to a properly sized GreaseStopper® Automatic Grease Interceptor for FOG removal before final discharge.

### 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



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