

Gravity VS Hydromechanical Grease Interceptors

COMPARISON

Gravity

DESIGN

- Repurposed septic tank
- Uncontrolled flow
- Based on liquid capacity & retention time (typically 30mins)
- Sized by drainage fixture units for UPC & flow rate x 30min retention time for IPC
- Larger footprint = higher installation costs (up to \$40k for install alone!)
- Less efficient design for separating grease (only 25% of tank's capacity available for grease retention)*
- More costly to pump out

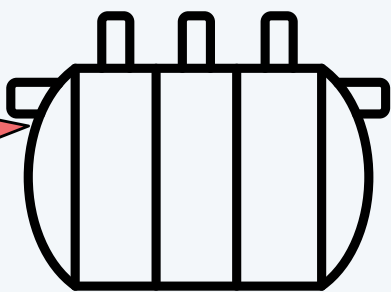
CERTIFICATIONS

- No Performance Standard = no rated grease capacities or rated grease separation efficiencies
- Roughly 70% efficient at separating grease which equates to 30% grease bypass
- Only meets a design standard (ANSI Z1001)

DURABILITY

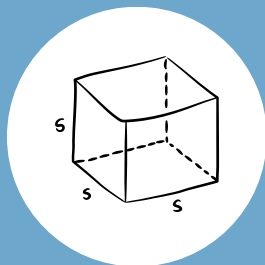
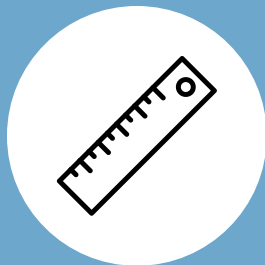
- Most tanks still made of concrete
- Concrete is porous and susceptible to corrosion due to highly acidic pH level of FOG (fats, oils, grease)
- Life expectancy of concrete = 10yrs
- Higher maintenance costs (relining/repairs)

CAPACITY



A 1000 gal liquid capacity gravity interceptor holds approximately **1000lbs** of grease

VS



Hydromechanical

DESIGN

- Engineered high-efficient, high grease capacity solution
- Implementation of air entrained flow control to achieve high separation efficiency in a shorter time (1-2 min retention time)
- Sized by flow rate in gallons per minute (GPM)
- Lower cost to install (smaller footprint)
- Cheaper to pump out (less gallons)



CERTIFICATIONS

- 3rd Party Certified to either ASME A112.14.3, PDI G101, and/or CSA B481
- Minimum of 90% grease separation efficiency
- Approved for both UPC and IPC model plumbing codes

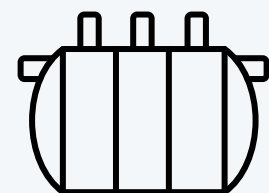


DURABILITY

- Limited Lifetime Warranty!
- HDPE has an unmatched level of corrosion resistance
- Little to no maintenance repair costs over the life of the tank



CAPACITY



A 300 gal liquid capacity BIG-1150 can hold over **1,550 lbs** of grease!

HGIs can generally hold over 75% of their capacity in grease and solids!



25% Rule: When liquid grease + solids have reached 25% of the tank capacity, it is considered full and needs to be pumped out.