

A. Grease interceptor size determined as follows:

For restaurants: $S \times G \times (H/12) \times LF$

Where	S = number of seats in dining area		
	G = gallons per seat (use 25) paper goods	- 10 gal/seat	
	H = hours of operation per day 12		
	LF = loading factor:	2.0	- recreation areas
		1.50	- main highways
		1.25	- other roads
		1.0	- interstate
		.75	- freeway

B. Other establishments with commercial kitchens; schools, nursing homes, churches, day care, convenient stores, and other: $M \times G \times LF$

Where M = number of meals prepared per day
 G = gallons per meal (use 5)
 LF = loading factor: 1.0 with dishwashing
 0.5 without dishwashing

1. Minimum grease interceptor volume: 1,000 gallons, plus 15% freeboard with 1,250 gallon maximum, each tank. If additional tanks are required to meet standards, they shall be hooked in series.
2. Minimum one baffle per grease interceptor, approximately centered, extended 2" to 4" above the water line and to within 8" to 10" of the bottom of the tank.
3. Grease interceptor inlet and discharge pipes must be vented. Inlet pipe may be vented through the building's system.
4. Grease interceptor discharge device to extend below water level approximately one-half the water depth.
5. Grease interceptor and control manhole structure shall be of Precast concrete and shown in detail on the construction plans.
6. Control manhole must be located ahead of connection to City's line.
7. Distance between grease interceptor and control manhole varies, no minimum distance.
8. 8" free fall, for sample collection, between grease interceptor discharge to

control manhole and control manhole discharge.

9. Control manhole discharge pipe at bottom of invert. Invert sloped to 4" on sides.
10. Standard grade (0.4%) from control manhole discharge to City's line.
11. Grease interceptor and control manhole inspection cover and rings shall be standard cast-iron USF 170 or equal. Two required on grease interceptor and one on control manhole. Set to road grade.
12. Effluent from grease interceptor must comply with Section 17.8 of the Rockledge City Code that specifies the parameters for discharging grease and related substances to the City's sewer system.