

Grease Interceptor Sizing Worksheet

The Uniform Plumbing Code Formula

Company		Calculated By		Date	
Project		Location			

Follow these six simple steps to determine grease interceptor size.

Enter Calculations Here >	No of Meals Per Peak Hours	Waste Flow Rate	Retention Time	Storage Factor	Calculated Interceptor Size	Grease Interceptor
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6

1	Number of Meals Per Peak Hour (Recommended Formula):		Notes:
	Seating Capacity	Meals per Peak Hour	
	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Establishment Type:		Meal Factor
	Fast Food (45 min)		1.33
	Restaurant (60 min)		1.00
	Leisure Dining (90 min)		0.67
	Dinner Club (120 min)		0.50

2	Waste Flow Rate:		Notes:
	Condition	Flow Rate	
	With a Dishwashing Machine	6 Gallons	
	Without a Dishwashing Machine	5 Gallons	
	Single Service Kitchen	2 Gallons	
	Food Waste Disposer Only	1 Gallon	

3	Retention Time		Notes:
	Commercial Kitchen Waste Dishwasher	2.5 Hours	
	Single Service Kitchen Single Serving	1.5 Hours	

4	Storage Factor		Notes:
	Kitchen Type	Storage Factor	
	Fully Equipped Commercial		
	Hours of Operation		
	8 Hours	1.00	
	12 Hours	1.50	
	16 Hours	2.00	
	24 Hours	3.00	
	Single Service Kitchen	1.50	

5	Calculate Liquid Capacity	Notes:
	Multiply the values obtained from step 1, 2, 3 and 4. The result is the approximate grease interceptor size for this application	

6	Select Grease Interceptor	Notes:
	Using the approximate required liquid capacity from step 5, select an appropriate size as recommended by the manufacturer.	