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.

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

1 **Number of Meals Per Peak Hour (Recommended Formula):**

Seating Capacity		Meal Factor		Meals per Peak Hour
	X		=	

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

Notes:

2 **Waste Flow Rate:**

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

Notes:

3 **Retention Time**

Commercial Kitchen Waste Dishwasher	2.5 Hours
Single Service Kitchen Single Serving	1.5 Hours

Notes:

4 **Storage Factor**

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

Notes:

5 **Calculate Liquid Capacity**

Multiply the values obtained from step 1, 2, 3 and 4. The result is the approximate grease interceptor size for this application

Notes:

6 **Select Grease Interceptor**

Using the approximate required liquid capacity from step 5, select an appropriate size as recommended by the manufacturer.

Notes: