

Grease Interceptor Sizing Worksheet

Septor-SizeXL ver 1.0

Project:	Calculated By:	Date:
Address:	Company:	Ref. No:

Instructions:
 The following formula is the Grease Interceptor Sizing Formula as defined by per the Uniform Plumbing Code - Appendix H
 Follow the steps to determine grease interceptor size.

Number of Meals Per Peak Hours	X	Waste Flow Rate	X	Retention Time	X	Storage Factor	=	Interceptor Size (calculated)
<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
Recommended Minimum Size Grease Interceptor Based on Park Environmental Model or Equal								GT- <input type="text"/>
								Step #6

1 Number of Meals Per Peak Hour

Recommended Formula:

Seating Capacity	X	Meal Factor	=	Number of Meals Per Peak Hour
<input type="text"/>		<input type="text"/>		<input type="text"/>

Enter Seating Capacity

Establishment Type	Meal Factor	Meal Factor
<input type="radio"/> Fast Food	45	1.33
<input type="radio"/> Restaurant	60	1.00
<input type="radio"/> Leisure Dining	90	0.67
<input type="radio"/> Dinner Club	120	0.50

2 Waste Flow Rate

Condition:

<input type="radio"/> a. With a Dishwashing Machine	Flow Rate	6 Gallon Flow
<input type="radio"/> b. Without Dishwashing Machine		5 Gallon Flow
<input type="radio"/> c. Single Service Kitchen		2 Gallon Flow
<input type="radio"/> d. Food Waste Disposer Only		1 Gallon Flow

3 Retention Time

<input type="radio"/> Commercial Kitchen Waste	Dishwasher	2.5 Hours
<input type="radio"/> Single Service Kitchen	Single Serving	1.5 Hours

4 Storage Factor

Kitchen Type	Commercial Kitchen	Storage Factor
<input type="radio"/> a. Fully Equipped	Hours of Operation	1
<input type="radio"/>	8 Hours	1.5
<input type="radio"/>	12 Hours	2
<input type="radio"/>	16 Hours	3
<input type="radio"/>	24 Hours	
<input type="radio"/> b. Single Service Kitchen		1.5

5 Calculate Liquid Capacity

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

6 Select Grease Interceptor

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