

Grease Removal Device Sizing Worksheet



STEP 1	# of Meals Per Peak Hour-Meal Factor							
	Seating Capacity or Number of Persons Served at Peak	X	Meal Factor	=	Number of Meals Per Peak Hour-Meal Factor			
	<input type="radio"/> Establishment Type		Minutes Per Meal		Meal Factor			
	<input type="radio"/> Fast Food		45		1.33			
	<input type="radio"/> Restaurant		60		1			
	<input type="radio"/> Leisure Dining		90		0.67			
	<input type="radio"/> Cafeteria / Hospital		120		0.5			

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

Single Service Kitchen is defined as: A kitchen which uses "DISPOSABLE" wares and utensils.

STEP 3	Retention Time							
	<input type="radio"/> Commercial Kitchen Waste					2.5	Hours	
	<input type="radio"/> Single Service Kitchen					1.5	Hours	

Single Service Kitchen is defined as: A kitchen which uses "DISPOSABLE" wares and utensils.

STEP 4	Storage Factor							
	a. Fully Equipped Commercial Kitchen							
	Hours of Operation				Storage Factor			
	<input type="radio"/>	8	Hours		1			
	<input type="radio"/>	12	Hours		1.5			
	<input type="radio"/>	16	Hours		2			
<input type="radio"/>	24	Hours		3				
	<input type="radio"/>	Single Service Kitchen		1				

Single Service Kitchen is defined as: A kitchen which uses "DISPOSABLE" wares and utensils.

STEP 5	Calculate Liquid Capacity							
	Multiply the values obtained from STEPS 1-4 . The result is the approximate minimum GRD size for this application.							

Notes: _____

For more information on the city of Rock Hill's Grease Management Program, please visit the City's FOG webpage: www.cityofrockhill.com/fog

