

GREASE INTERCEPTOR SIZING WORKSHEET

For Food Industry

Follow these **5 steps** to determine grease interceptor size.

Step 1: indicate the number of fixtures located in the Kitchen and multiply that number by the flow provided.

Kitchen Area Sinks	#of Fixtures	Flow (gpm)	Total Flow
• Single Compartment:	<input type="text"/>	X 20	= <input type="text" value="0"/>
• Double Compartment:	<input type="text"/>	X 25	= <input type="text" value="0"/>
• Triple Compartment:	<input type="text"/>	X 30	= <input type="text" value="0"/>
• Mop/Clean-up Sink:	<input type="text"/>	X 20	= <input type="text" value="0"/>

Step 2: indicate the number of fixtures and multiply that number by the flow provided.

Dishwashers:	#of Fixtures	Flow (gpm)	Total Flow
• Up to 30 gallon capacity	<input type="text"/>	X 15	= <input type="text" value="0"/>
• 30 to 50 gallon capacity	<input type="text"/>	X 25	= <input type="text" value="0"/>
• 50 to 100 gallon capacity	<input type="text"/>	X 40	= <input type="text" value="0"/>

Step 3: Add the **Total Flow** column

Total Surge Flow: gpm

Step 4: Multiply the **Total Surge Flow** by the Detention Time Factor (x10) provided.

Detention Time Factor: min.
Calculated Grease Interceptor Size: gall.

Step 5: Using the calculated capacity from step 4, select an appropriate size as recommended by the manufacturer

*Minimum approved size with a dishwasher: 750 gallons

*Minimum approved size w/o a dishwasher: 325 gallons

Selected Grease Interceptor Size: gall.

For office use only	
City of Brighton - Utilities Department Approval:	<input type="button" value="YES"/> <input type="button" value="NO"/>
Date: _____	
Notes:	
Contact Information: Juliana Archuleta - (303) 655-2121 - jarchuleta@brightonco.gov	
Note: Building Department and Utilities Department will review this application	

Plumbing Permit - Submittal Requirements:

1. Calculations (IPC Code 2006) and/or City of Brighton Sizing Sheet
2. Isometric plan showing all kitchen fixtures connected to the grease tank
3. Plan and profile of the grease interceptor showing ground level and the tank (if the tank is installed below 4', an additional MH is required)
4. Plumbing plan of the kitchen with fixture table
5. Manufacturer's detail drawing