

Instructions:

1. List the type and number of Fats, Oils, and Grease (FOG) plumbing fixtures which will be routed to the gravity grease interceptor in column 2. Examples include but are not limited to 3 compartment sinks, 2 compartment sinks, food prep sinks, mop sinks, floor sinks, trench drains, floor drains, dipper wells for ice cream, trash compactor washouts, etc.
2. List the drain size for each FOG plumbing fixture in column 3.
3. List the quantity of FOG plumbing fixtures of this type and drain size in column 4.
4. List in column 5 the comparable Drainage Fixture Units (DFUs) from IPC Table 709-2 (shown below).
5. Multiply column 4 and 5 and list the total DFUs in column 6.
6. List the dishwasher make and model in Table 2 (next page) and attach the cut sheet specifications.
7. Enter the manufacturer's dishwasher flow rate into column 3 below and multiply by column 4; then enter the result into column 6. Note: Dishwashers are 2 DFU's/GPM.
8. Add all of the DFU's in column 6 for a grand total.
9. Identify the gravity grease interceptor size from Table 3 shown below.

Establishment Name _____

Table 1 DFU Calculation

<u>Column 1</u>	<u>Column 2</u>	<u>Column 3</u>	<u>Column 4</u>	<u>Column 5</u>	<u>Column 6</u>
1	PLUMBING FIXTURE TYPE	FIXTURE DRAIN SIZE (inch)	QUANTITY OF PLUMBING FIXTURE(S)	DFU PER PLUMBING FIXTURE (see IPC Table 709.2 below)	TOTAL DFU per PLUMBING FIXTURE
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	Dishwasher*	GPM	DFU/GPM	(Equation)	
			2	Column 3 times Column 4	
GRAND TOTAL DFU'S					

Table 2 Dishwasher Specifications

* Dishwasher and/or Glasswasher Specifications:

MAKE	MODEL

Provide cut sheet of dishwasher specification.

IPC Table 709.2 Drain to DFU Conversion

Fixture Drain Size (Inches)	DFU per Plumbing Fixture
≤1 ¼	1
1 ½	2
2	3
2 ½	4
3	5
4	6

Table 3 Total DFU Conversion to Grease Interceptor Size

Total DFUs	Interceptor Volume (Gallons)
0 to 21	750
22 to 35	1,000
36 to 90	1,250
91 to 172	1,500
173 to 216	2,000
217 to 307	2,500
308 to 342	3,000

** Establishments resulting in total DFU's > 342 shall be designed by a Professional Engineer, registered in the State of Arizona.

Table 4 Gravity Grease Interceptor Specifications

Provide selected Grease Interceptor Size, Manufacturer and Cut Sheet:

Size (Gallons)	Gravity Grease Interceptor Manufacturer