

Grease Interceptor Sizing Form

Where food is prepared the following size calculation shall apply.

Along with this form, please include with your submission:

- Completed Industrial Waste Survey
- Kitchen design plan, including fixtures

Respond to:

City of Louisville Industrial Pretreatment Program
Attn: Environmental Compliance
749 Main St.
Louisville, CO 80027

Please send email submissions to: ecs@louisvilleCO.gov

If you have questions please contact Environmental Compliance by phone at (303) 335-4785.

The following table establishes the drainage fixture unit (DFU) values for various pieces of kitchen equipment, which may require connection to a grease interceptor. One drainage fixture shall equal 7.5 gallons per minute (GPM). The total number of DFUs shall be multiplied by 7.5 GPM to determine maximum rate of flow possible into the grease interceptor. The volumetric capacity of the unit shall be five times (5x) the maximum rate of flow.

Drainage Fixture Unit Values (DFUs)									
Qty	Fixture	DFU	Total		Qty	Other Fixtures	DFU	Total	
	Clothes Washer	3				1 ¼ Inch or less Trap Size	1		
	Combination Sink and Tray with Food Waste Grinder	4				1 ½ Inch Trap Size	2		
	Combination Sink and Tray with (1) 1 ½ inch trap	2				2 Inch Trap Size	3		
	Combination Sink and Tray with Separate 1 ½ inch traps	3				2 ½ Inch Trap Size	4		
	Pot or Scullery Sink	4				3 Inch Trap Size	5		
	Prep Sink	2				4 Inch Trap Size	6		
	Service Sink (Standard Trap)	3							
	Service Sink (P Trap)	2							
							Total DFUs		

Total DFUs



City of
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Example Calculation:
A total of 21 fixture units
are to be discharged to a
grease interceptor.

21

X

7.5 GPM

X

5

=

787.5 gallons

of DFUs

Calculated Interceptor Size

Enter Your Calculation Here

of DFUs

Calculated Interceptor Size

Calculations Prepared By

Title

Signature

Date