

STRATA SIZING WORKSHEET

BASED ON 2015 UNIFORM PLUMBING CODE (UPC)

PROJECT NAME _____ **DATE** _____

PROJECT LOCATION _____

PURCHASING CONTACT _____ Direct _____ Mobile _____

ENGINEERING CONTACT _____ Direct _____ Mobile _____

FIXTURE TYPE	TRAP ARM SIZE	FIXTURE UNITS	QUANTITY	TOTAL FIXTURE
3-Compartment Sink - 1.5" arm	1-1/2"	3		
3-Compartment Sink - 2" arm	2"	4		
2-Compartment Sink - 1.5" arm	1-1/2"	3		
Dishwasher	2"	4		
Mop Sink	1-1/2"	3		
Mop Sink	2"	4		
Mop Sink	3"	6		
Mop Sink	4"	8		
Pot Sink (pre-rinse sink)	1-1/2"	3		
Pot Sink (pre-rinse sink)	2"	4		
Hand Sink	1-1/4"	2		
Hand Sink	1-1/2"	3		
Floor Drain - 2"	2"	4		
Floor Drain - 3"	3"	6		
Floor Drain - 4"	4"	8		
Other				

Total Fixture Units

Recommended Strata Model (see chart)

GGI SIZING CHART

MAXIMUM FIXTURE UNITS	REQUIRED VOLUME ⁽²⁾ (GALLONS)	STRATA MODEL
8	500	SGI-500 ⁽⁴⁾
21	750	SGI-750 ⁽⁴⁾
35	1,000	SGI-1000
90	1,250	SGI-1250 ⁽⁴⁾
172	1,500	SGI-1500
216	2,000	2 x SGI-1000
307	2,500	2 x SGI-1500
342	3,000	2 x SGI-1500
>342	> 3,000 GALLONS	CUSTOM ⁽⁵⁾

NOTES:

- Total Fixture Units not to exceed the maximum allowable DFUs plumbed to the kitchen drain lines that will be connected to the grease interceptor.
- This size is based on: the DFUs and the pipe size from this code; Table 7-5; Useful Tables for flow in half-full pipes (ref: Mohinder Nayyar Piping Handbook, 3rd Edition, 1992); 30-minute retention time (ref.: George Tchobanoglous and Metcalf & Eddy, Wastewater Engineering Treatment, Disposal and Reuse, 3rd Ed. 1991 & Ronald Crites and George Tchobanoglous, Small and Decentralized Wastewater Management Systems, 1998). Rounded up to nominal interceptor volume.
- When the flow rate of directly connected fixture(s) or appliance(s) have no assigned DFU values, the additional grease interceptor volume shall be based on the known flow rate (gpm) multiplied by 30 minutes.
- Limited availability by region.
- Custom sizes and designs available upon request.

