GREASE INTERCEPTOR CALCULATIONS

Quote: 6B115FEC

Reference No. 92405

Project Name: Scooter's - Erwin, NC (2946)

Step 1: Flow rate to grease interceptor

Fixture flow rate: (cu in / 231) = gal x 0.75 / 2 min = 2 min flow rate

NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
#10 - 3 Comp	3 Compartment Sink	20" x 12" x 12" (3)	1	8,640	14.03 GPM
#24 - Mop Sink	Mop Basin	20" x 16" x 6"	1	1,920	3.12 GPM
#27 - Dipper Well	Dipper Well	N/A	1	N/A	2 GPM
#32A - Hand Sink	Hand Sink	10" x 14" x 9"	1	1,260	2.05 GPM
#33 - Dump Sink (1 bowl)	Dump Sink One Bowl	10" x 14" x 6"	1	840	1.36 GPM
Floor Drain	Floor Drain	N/A	3	N/A	0 GPM
Total					**22.55 GPM**

Step 2: Grease Production

Servings per day x Grease production value x Days between pump-outs = Grease output

Servings per day: 250
Grease production value: 0.005 lbs per serving (Coffee Shop: Low / No flatware)
Days between pump-outs: 90 days

250 x 0.005 x 90 = 112.5 lbs of FOG

SCHIER MODEL	
GB-50	**Description:** GREASE INTERCEPTOR 50 GPM / 75 GPM, 4" PLAIN/FPT CONNECTIONS **Dimensions:** Length: 37", Width: 32.25", Height: 28.5" **Flow Rate/Grease Capacity:** 50 GPM / 439 lbs **Liquid Capacity:** 65 gal

Specification Note: This Great Basin model has been sized to the flow rate and grease production requirements of the application and may not be substituted by liquid capacity alone. Any substitution requests must be approved by the specifying engineer and the authority having jurisdiction.

Please contact support@schierproducts.com for technical and procurement support for the specified Great Basin model.