



**Trapzilla® Sizing Suggestions**

Use this chart to help size the Trapzilla unit that will best service multiple fixtures. For installations where the Trapzilla is servicing multiple fixtures and will be facing more than 6 feet (1.95 m) of head pressure, Thermaco, Inc. recommends the next larger unit be installed as well as installing the Vented Flow Control Assembly. **Never install a smaller Trapzilla system than the rated GPM the chart calculates.** Consult a licensed plumber regarding your specific requirements.

**Multiple Fixture Flow Calculation:**

Fixture	# Fixtures	Fixture Value (GPM)	Total Fixture (GPM)	Averaging Multiplier	Flow Rating (GPM)
Floor Drains	#	7.5	# x 7.5	0.10	# GPM
3 Compartment sink	#	25	# x 25	0.25	# GPM
Pre-rinse Sink	#	15	# x 15	0.25	# GPM
Mop Sink	#	15	# x 15	0.25	# GPM
2 Compartment Sink	#	25	# x 25	0.25	# GPM
Hand Sink	#	7.5	# x 7.5	0.25	# GPM

**Example:**

Fixture	# Fixtures	Fixture Value (GPM)	Total Fixture (GPM)	Averaging Multiplier	Flow Rating (GPM)
Floor Drains	12	7.5	90	0.10	9
3 Compartment sink	2	25	50	0.25	12.5
Pre-rinse Sink	2	15	30	0.25	7.5
Mop Sink	1	15	15	0.25	3.75
2 Compartment Sink	2	25	50	0.25	12.5
Hand Sink	3	7.5	22.5	0.25	5.63

Total 50.88 gpm

**Note: Always use next larger size unit than the calculated flow rating. In this case, a TZ-400 system would adequately handle the kitchen flow.**

\*To minimize grease/detergent emulsification, plumbing dishwashers directly into the sanitary sewer line is recommended. Consult local codes or a licensed plumber when considering plumbing a dishwasher to a Trapzilla unit.

\*\* Thermaco recommends the use of the TSS Trapzilla Solids Separator (in conjunction with a downstream Trapzilla Grease Interceptor) when used in facilities where heavy loadings of incidental solids content in the effluent flow.