



Grease Trap Size Calculator Guide

Sewage Quality
and Environment



The size of a grease trap is generally based on a maximum flow rate measured in litres per hour. Alternatively, it can be determined using the two methods as set out below. Both method 1 and 2 need to be calculated. The method that recommends the larger size grease trap should be applied.

This calculator should be used as a guide only to determining the size of the grease trap for your business. City West Water will confirm the applicable sized grease trap to be installed when your trade waste application is processed. Visit citywestwater.com.au/tradewaste for more information.

Complete all applicable methods – fill in GREY squares only

Peak Flow Determination (litres/hour)

Peak Flow

Maximum wastewater discharge volume:		litres per hour	size =	litres
--------------------------------------	--	-----------------	--------	--------

Method 1 – Seated Dining

Method 1: Seating

Seating capacity:		seats	Recommended Grease Trap Size =	litres
-------------------	--	-------	--------------------------------	--------

Method 2 – Grease Trap allowance for each fixture

Method 2:	Number of fixtures	litres per fixture
Single bowl sink		100
Double bowl sink		150
Pot sink (deep bowl)		150
Floor waste		50
Bain Marie		50
Wok table – waterless (per burner)		100
Wok table – continuous (per burner)		200
Bin wash area		50
Cleaners sink		50
Dishwasher – domestic		200
Dishwasher – commercial		500
Hand basin		50
Pasta cooker		150
Steam combi oven		600
Gas vat BBQ for duck & pork (per BBQ)		600
Hotplate or charcoal BBQ		600
Recommended Grease Trap Size =		litres

Notes:

- 1) Where the calculator suggests a grease trap >5000 litres multiple grease traps should be installed in series
- 2) Minimum size grease trap for fast food outlets is 2000 litres