



Efficiency & Emissions Test Certificate

Customer.	Escea Ltd.
Certification Date.	08/01/2024
Appliance.	ESCEA NZ TFS650
Tested Standard.	AS/NZS 4012:2014 + A1 AS/NZS 4013:2014
Test Fuel.	Soft (Pinus Radiata)
Configuration.	Free Standing
Thermal Efficiency.	68.3 %
Emissions Rate.	0.89 g/kg or 65.2 mg/MJ

The specimen tested was identified by Spectrum with the marking #0674

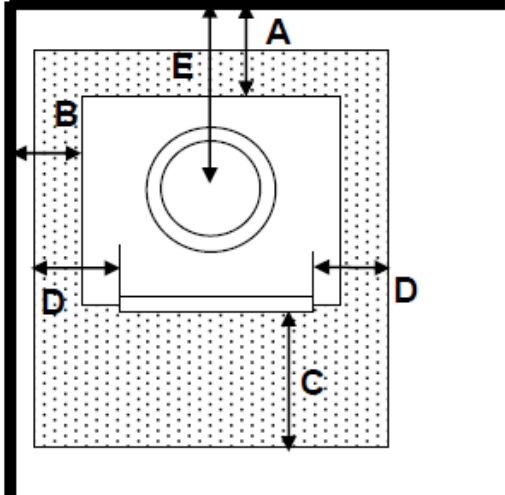
The milligram per mega joule calculation was made in accordance with The Canterbury Air Regional Plan (CARP).

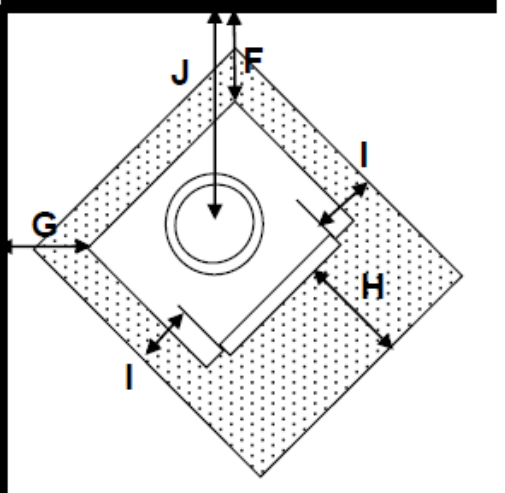
REPORT DETAILS:

Prepared & approved by.	Mr. P. Chen
Report Reference.	#0674
Release Date.	08/01/2024

Spectrum Laboratories Ltd is accredited by International Accreditation New Zealand (formerly Telarc). The results reported in the referenced test report were performed in accordance with the terms of the laboratories accreditation. This accreditation does not extend to opinions or any interpretation of the test results contained in the report.

AS/NZS 2918:2018 Appendix B test results

Parallel Position Clearance Distance	Position	Clearance (mm)
	(A) Rear	220
	(B) Side	350
	(C) Floor protector (front)	300
	(D) Floor protector (side)	200
	(E) Flue (rear)	435

Corner Position Clearance Distance	Position	Clearance (mm)
	(F) Side	100
	(G) Side	100
	(H) Floor protector (front)	300
	(I) Floor protector (side)	200
	(J) Flue (rear)	490

Technical Note:

1. The clearance measurement A, B, F and G were taken from the distance between walls and closest point of the appliance, C and H were measured from the front of the fuel-loading opening to the edge of the floor protector, D and I were measured from each side of fuel-loading opening, E and J were calculated from the flue's surface to the rear wall.
2. The flue was installed onto the flue spigot, extended centrally and vertically without bend before and after penetration of the ceiling plane.
3. Drawings shown above are not to scale.