LITTLE CRACKER
TINY SPACE HEATING

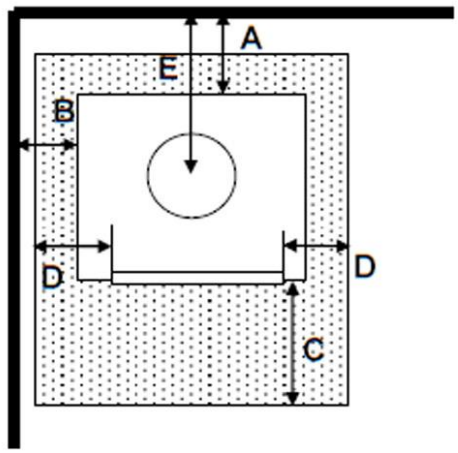
Little Cracker installation clearance to a combustible Surface.

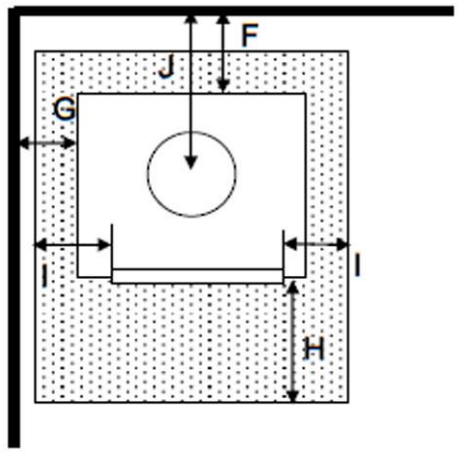
Test Report:- 0404

All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

IANZ ACCREDITED LABORATORY Accreditation No 962

Test Results for high/Flash fire (Softwood and Coal):

Softwood Parallel Position Clearance Distance	Position	Clearance (mm)	Max temp rise (°C)	
			High	Flash
	(A) Rear	360	Rear Wall	
			62.33*	52.38
	(B) Side	310	Side Wall	
			61.95	51.44
	(C) Floor protector (front)	300	Floor	
			45.81	45.27
	(D) Floor protector (side)	200	Ceiling	
			38.90	37.24
	(E) Flue (rear)	458		

Coal Parallel Position Clearance Distance	Position	Clearance (mm)	Max temp rise (°C)
			High
	(F) Rear	360	Rear Wall
			60.97
	(G) Side	310	Side Wall
			61.16
	(H) Floor protector (front)	300	Floor
			39.93
	(I) Floor protector (side)	200	Ceiling
			40.21
	(J) Flue (rear)	458	

** Note that this temperature passed within the laboratories margin of uncertainty.*

Technical Note:

1. The clearance measurement A, B, F and J 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 value from the flue's centre 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.*

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TABLE 3.1

CONSTRUCTIONS AND CLEARANCE FACTORS FOR APPLIANCE HEAT SHIELDS WHICH ARE WITHIN 45° OF THE VERTICAL

Heat shield construction	Minimum air gap dimension(s) mm	Clearance factor
Single layer of continuous material	12	0.40
Single layer of continuous material	25	0.30
Two spaced layers of continuous material	12 + 12	0.20

NOTES:

1 Masonry may be used as a heat shield material.

2 Where heat shields are used to reduce appliance clearance dimensions additional flue shielding may also be required (see Clause 4.5.2).

No temperature of any surrounding surfaces should exceed 65°C or it must be protected by a heat shield.