

## Sectional View Showing Major Features

The outside dimension may be increased to add insulation behind the steel shell or between an inner and outer layer of bricks.

The perforation % and size of the diffuser plate is subject to revision. It should permit ~15% of the heat energy to the area of pot immediately above it. That means ~5% of the diffuser is perforated.

This height varies according to the pot size. The pot lip should not touch stove body.

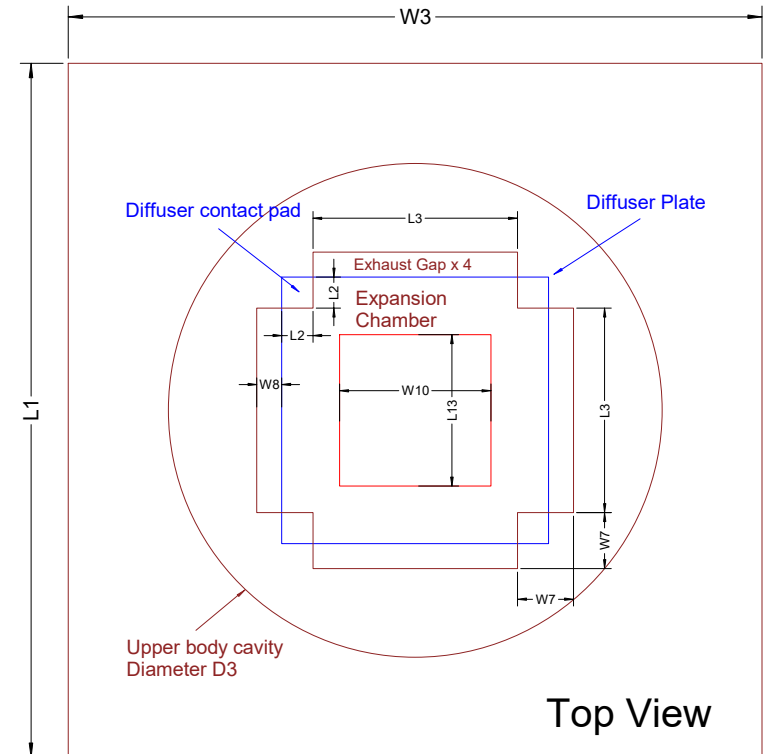
Maximum suggested pot load is 90% of total capacity.

Suggested platform level up two steps. This is subject to local preference and the typical stature of the cooks.



Suggested floor level

Flush with the top of the lower grate



For use with Table of Dimensions for Ugandan Simba Stove  
50 to 1000 litres

				UG-Simba Institutional Stove	
				Key Features:	
				Rectangular expansion chamber	
				Two grates	
				Steel shell	
				Brick combustion chamber	
				Material: Castable refractory cement, bricks	
				Quantity: Various	
				Scale: Not to scale	
Version: 1.0	Date: 2024-01-21	Initials: CPP	Drawn By: C Pemberton-Pigott		
Drawing No. UG-Simba-10 Body Overview v.1				Part	Body overview v.1