GLOBAL ALLIANCE FOR CLEAN COOKSTOVES

IWA Tiers of Performance Report

Cookstove	**Manufacturer**	Envirofit International
	Model	CH2200
Testing Center		Colorado State University
Protocol		Efficiency and Performance Test Protocol (EPTP)
Fuel Used		Lump Charcoal
Pot Used		5.0 Liter – Stainless Steel
Test Dates		7 Tests from 11/2012 – 01/2013

Please mark that these IWA reporting requirements have been met:

- ☒ These results were obtained in accordance with the IWA requirements (including gravimetric testing)
- ☒ This data and additional supporting data are shared publically through the Clean Cooking Catalog (http://catalog.cleancookstoves.org)
- ☐ The testing organization does not have a financial stake in the stove being tested or an alternative stove.

Signature of Testing Center Representative	
Name of Testing Center Representative	MORGAN DEFOORD

		Metric	Value	Unit	Sub-Tier
Efficiency/Fuel Use					
Tier	**3**	High power Thermal Efficiency	42.3	%	3
		Low power Specific Consumption	0.0122	MJ/min/l	4
Emissions					
Tier	**1**	High power CO	12.9	g/MJ_d	1
		Low power CO	0.0947	g/min/l	3
		High power PM 2.5		mg/MJ_d	
		Low power PM 2.5		mg/min/l	
Indoor emissions					
Tier	**3**	High power Indoor emissions CO	0.451	g/min	3
		Low power Indoor emissions CO	0.384	g/min	4
		High power Indoor emissions PM 2.5		Mg/min	
		Low power Indoor emissions PM 2.5		Mg/min	
Safety					
Tier	**NA**	Points from 10 weighted safety parameters	NA	points	

Tier 0 → Improving Performance → Tier 4

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Individual Scores for Safety Assessment Criteria

Assessment Criteria	Score (1 – 4)	Multiplier
Sharp Edges and Points		1.5
Cookstove Tipping		3.0
Containment of Fuel		2.5
Obstructions Near Cooking Surface		2.0
Surface Temperature		2.0
Heat Transmission to Surroundings		2.5
Temperature of Operational Construction		2.0
Chimney Shielding		2.5
Flames Surrounding the Cookpot		3.0
Flames/Fuel Exiting Fuel Chamber, Canister, or Pipes		4.0