



Clean Cookstoves Testing Laboratory Results

Name of Stove: Musa Raymond

Date: November 14, 2014

Fuel Type: Charcoal

Time to Boil 5L of water: 35 – 55 mins (depending on power)

Thermal Efficiency (Cold Start): 28%; (Simmer): 48%

Fuel consumed (Cold start): 200g; (Simmer): 110g

Turn down ratio (simmer): 1.6 – 1.8

IWA Metrics

High Power Thermal Efficiency	%	27.9%
Low Power Specific Consumption Rate	MJ/min/L	0.015
High Power CO	g/MJ _d	26.85
Low Power CO	g/min/L	0.13
High Power PM	mg/MJ _d	0.1
Low Power PM	mg/min/L	0.00
Indoor Emissions CO	g/min	0.78
Indoor Emissions PM	mg/min	0.0
Safety	Index	N/A

Tier

High Power Thermal Efficiency	2
Low Power Specific Consumption Rate	4
High Power CO	0
Low Power CO	1
High Power PM	4
Low Power PM	4
Indoor Emissions CO	1
Indoor Emissions PM	4
Safety	Not tested

