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Performance Report

The stove model "Save80 B" with pot model "Standard Rwandan 8l aluminium pot" has been tested in accordance with the official "Water Boiling Test Protocol" at the Institute for Combustion Technology, RWTH Aachen University. The efficiency improvement factor and energy savings are calculated from three-stone fire performance data published by the UNFCCC. Results are listed below.

Stove Manufacturer:	Koch Anhängerwerke GmbH & Co. KG
Stove Model	Save80 B
Pot Model	Standard Rwandan 8l aluminium pot
Test Dates:	11/21/2013-11/22/2013
Average Thermal efficiency	47,7%
Standard Deviation	1,0%
Thermal efficiency improvement factor	4,7
Energy savings*	79%

*compared to three-stone-fire

During the tests, the ambient air temperature was rather low (~ 17°C), causing increased heat losses over the stove walls. Therefore, even higher thermal efficiencies can be expected in field applications. The above results are certified by the Institute for Combustion Technology, RWTH Aachen University. All claims beyond the above data are the responsibility of the manufacturer.

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