

Univ.-Prof. Dr.-Ing. Heinz Pitsch
Director of the Institute

Templergraben 64
52062 Aachen, GERMANY

Telefon: +49 241 80-94607

Fax: +49 241 80-92923

office@itv.rwth-aachen.de

www.itv.rwth-aachen.de

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Performance Report

The stove model "Save80 A" with pot model "Standard 8l Save80 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 A
Pot Model	Standard 8l Save80 pot
Test Dates:	11/21/2013-11/22/2013
Average Thermal efficiency	47,0%
Standard Deviation	1,7%
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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