

# Alcohol fueled stoves

Dometic CleanCook M 1 / M 2 and A 1 / A 2



## For healthy air and healthy people

### Health

The CleanCook is a high-performing stove. It provides a significant health benefit to families otherwise dependent on solid fuels – wood, dung, crop residues, charcoal, even coal – by eliminating dangerous smoke and gases from the home. Millions of families around the world are still dependent on these fuels and millions die, mostly women and children, as a result of cooking smoke.

### User-friendly & safe

The CleanCook not only burns cleanly but is extremely safe to use. The fuel tank is non-pressurized and holds ethanol fuel in a special absorptive fiber so it cannot spill. The burner flame is adjusted and extinguished by a simple regulator (shown). This stove was developed to address the many safety concerns presented by other stoves.

### Durable

All CleanCook stoves are of durable design. The M-series is made entirely of long-lasting stainless steel. The A-series is made with cost-saving but durable substitutes – galvanized steel and aluminum. All burner parts are stainless steel. The flame regulator is the only moving part.

### Environmentally friendly

Cooking with ethanol from sustainably produced energy crops reduces wood use and deforestation. The CleanCook dramatically reduces greenhouse gas and soot (black carbon) emissions. This means a greatly reduced Global Warming Impact.

Dometic CleanCook M 2



Powered with  
**Ethanol**

The environmental  
solution

 **Dometic**

The CleanCook stove has been successfully tested in households of all income levels in Ethiopia's capital city, Addis Ababa. It has undergone trials in Brazil, South Africa and Nigeria. It has been introduced by the UNHCR as the preferred stove in three Ethiopian refugee camps and has been tested in others. The CleanCook has now logged two million stove-use-days with an unparalleled safety and performance record.

The CleanCook is the chosen stove for Project Gaia's non-profit "Global Clean Cooking Fuel Initiative." The Ethiopian NGO Gaia Association was awarded the Ashden Award and an EU Energy Globe Award for 2008 for its work with this stove in refugee camps. Please see [www.projectgaia.com](http://www.projectgaia.com) for more information.



## Dometic CleanCook M1 / M2 and A1 / A2

1-burner stove / 2-burner stove



CleanCook M1

CleanCook M2

	CleanCook M1 / A1	CleanCook M2 / A2
<b>Materials</b>	All stainless steel burner parts, body of stainless steel, galvanized steel, high quality enamel finish (M1 / M2) or aluminum (A1 / A2)	
<b>Number of burners</b>	1	2
<b>Bearing weight</b>	Max. 20 kg supported	
<b>Product weight</b>	M1 3.1 kg / M2 5.7 kg	
<b>Fuel canister</b>	Fuel tank empty: 0.59 kg / full: 1.79 kg	
<b>Fuel requirements</b>	Ethanol and/or methanol fuel. Recommended water content of fuel is 10% or less	
<b>Fuel capacity</b>	1.2 liters	1.2 liters per tank
<b>Power on high</b>	1.5 kW power	
<b>Power on low</b>	0.3 kW. Turn down ratio: 1/5	
<b>Cooking time</b>	4.5 hours on high, up to 9 hours on low	
<b>Average cooking capacity</b>	1 liter of fuel per day will provide cooking for a family of five	
<b>Efficiency</b>	Greater than 60%	
<b>Emissions</b>	Negligible soot or carbon. Meets or exceeds World Health Organization (WHO) standards for Carbon Monoxide emissions	
<b>Dimensions (W x D x H)</b>	340 x 290 x 160 mm	596 x 326 x 137 mm
<b>Certification</b>	Aprovecho Research Center ( <a href="http://www.aprovecho.org">www.aprovecho.org</a> ) Benchmark Certification June 2009	

All stainless steel burner parts, body of stainless steel (M1/M2), galvanized steel, high quality enamel finish or aluminum (A1/A2).

Fuel requirements: Ethanol and/or methanol fuel. Recommended water content 10% or less.

**1 liter of fuel (one filling) will provide a full day of cooking for a family of five.**

Successfully tested in homes in Brazil, South Africa, Ethiopia, Nigeria and elsewhere.

The CleanCook stove is based on tried and true technology in use in Europe and the Americas for 30 years.