infiniti fires

HEATING YOUR HOME IN WINTER
THE SOUTH AFRICAN DILEMMA

DID YOU KNOW?

A 300m³ house with reasonably good insulation will require around 10,000 kWh of energy to maintain a comfortable 20 - 22°C temperature over a 4 month Highveld winter period!

Apart from the **financial costs** of using electricity for home heating and **the burden of load shedding**, using 10 000 kWh will entail Eskom burning 4 tons of coal & consuming 200 000 litres of water (roughly 3 swimming pools full), creating significant air pollution & straining South Africa's limited water supply.

A COMPARISON: ENERGY COSTS FOR 10 000 KW HRS OF HEAT OVER A TYPICAL WINTER SEASON

OPEN FLUED GAS FIRE	R100 k	✕	Wasted heat via open chimney 24 hrs each day
UNDER FLOOR HEATERS	R40 k	✕	Requires electricity to operate
ELECTRICAL HEATERS	R33 k	✕	Requires electricity to operate
FLUE-LESS GAS FIRE/HEATERS	R30 k	✕	Great heaters for use in open plan living areas
OPEN WOOD FIRES	R28 k	✕	Wasted heat via open chimney 24 hrs each day
AIR CONDITIONERS	R15 k	✕	Requires electricity to operate
CLOSED COMBUSTION WOOD STOVE	**R4k**	✔	Economical, environmentally friendly heating

The challenge we are all currently grappling with is **how to reduce our reliance on unreliable electrical supply & keep our homes warm in winter**. Many of us Home Owners have outdated home heating systems that were never designed to be highly-efficient, to generate enough heat to warm most of our home from one heat source or to be environmentally friendly.

ADVANTAGES OF CLOSED COMBUSTION WOOD STOVES

INCREASED ENERGY EFFICIENCY
A Closed Combustion Wood Stove is much more efficient than an open wood fireplace. They use less wood to generate more heat, making them a great choice for those looking to reduce their heating costs.

CONVENIENT & EFFORTLESS
Our wood stoves are designed for effortless ignition and usage. It typically takes 1 - 2 minutes to light and about 1 minute to reload. Once lit, leave the air controls fully open to get the stove to its peak heat output and warm the room. Thereafter you can turn the air controls down to gradually spread the heat around your home.

REDUCED WOOD CONSUMPTION
Burning at maximum heat output, our wood stoves will require refuelling after about 90 minutes. With controls mostly closed and the stove gently simmering, burn times of 8 to 12 hours on one refill of wood are attainable.

TEMPERATURE CONTROL
The simple air controls on the stove enable you to control the rate of burn and heat output to that required to warm your home. Controls fully open provides vast amounts of heat. Controls 90% closed and a full load of wood will allow the stove to keep your home warm overnight.

Upgrade your existing open wood or gas fire to a high-efficiency **CLOSED COMBUSTION WOOD STOVE** to heat more of your home & reduce your heating bills

SIMPLE & EASY TO CONVERT...

If you have an existing built-in open brick wood fire or a Jetmaster/Home Fires or similar steel fire box, it is often a simple 1 day job to convert that box to a high-efficiency Wood Stove without any damage to walls. Often an existing flued gas fire can be converted to a high-efficiency flue-less gas fire or a wood stove in a day.

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