

# KOZI Pellet Burner & Fireplace Insert

## Model 100 ~ XL Series



Enjoy the warmth and comfort of a **KOZI** Pellet Burner, the safety and reliability of a state of the art stove, and the economy and ease of use of wood pellet fuel. **KOZI** Pellet Burners are Clean Burning, Non Polluting, and Highly Efficient stoves which produce very Low Ash. These appliances are environmentally conscious, producing low emissions and burning waste wood by-product pellets.

The **KOZI** Pellet Burners are the answer to all your heating concerns as they produce High heat output with very low maintenance. The **KOZI** stoves have been designed to the most stringent and rigid safety specifications and built to last for a lifetime of fireplace enjoyment.

Our unique **light module monitoring system** tells you at a glance the status of the operating systems, as well as acting as a troubleshooter to ensure your safety and peace of mind while providing a complete diagnostic system.

The **KOZI** pellet stove is ideal for stand alone installations and the Pellet Inserts are designed to fit into existing fireplaces. Standard and oversized surround kits are available to accommodate most fireplace openings.

As a supplemental heating unit, the **KOZI** Pellet Burners are unbeatable. The Power Venting System eliminates any chance of backdraft. The flexibility of burning either outside or room air allows for custom operation to suit any application. The convenient, front mounted control panel allows the owner to manually adjust the fuel feed rate and fan speed to suit individual needs for temperature control.

Attractive matte black finishes with a 24 karat gold plated trim will accent the decor of any home. Stoves are available in both gold door and black door models. All **KOZI** pellets burners are warranted against poor workmanship and defective materials

### Optional Features:

- > Fresh Air Intake Kit
- > backdraft check valve for air intake
- > hopper extension & insert load chute
- > fully automatic self ignitor system

Optional features may be added or deleted without notice. Please contact our factory for a list of current options.

# KOZI 100 Pellet Burner - XL Series freestanding stoves and inserts

## EXCLUSIVE FEATURES

- ^ Simple, easy to use, push button start system.
- ^ Fully automatic switching from Manual to automatic operation.
- ^ Comprehensive safety shutoff system in case unit runs out of fuel or system malfunction.
- ^ Heat exchanger blower automatically senses heat build up, and adjusts speed accordingly.
- ^ simplified control circuit is easy to maintain and inexpensive to repair.
- ^ Unique diagnostic light module system makes it easy to locate all system functions.

## HEATER CHARACTERISTICS

- ^ a 50 lb. (22 kg) fuel hopper can be easily converted to hold 135 lb. (60 kg) of fuel with the optional hopper extension.
- ^ large capacity ash reservoir reduces cleaning frequency.
- ^ top loading fuel feeding system separates the burn chamber from the storage compartment reducing risk of burn back.
- ^ negative pressure burn chamber prevents spillage of smoke and fumes into the house.
- ^ minimum clearances to combustible surfaces.
- ^ manual drafting controls allow for easy adjustment for various fuel and draft conditions.
- ^ completely adjustable feed control allowing from 1 to 4.5 lb. (454 g to 2 kg) per hour.
- ^ variable speed heat exchanger blower.
- ^ unique "bouncing flame" heater design.
- ^ effective air wash system keeps the glass clean.
- ^ tested and certified for safety, efficiency and performance by warnock hersey in both Canada and the u.s. for residential and mobile home installations.
- ^ insert models have been certified for both masonry insert and zero-clearance fireplace installations.
- ^ optional ceramic log can be installed in the burn chamber to simulate a conventional fireplace.

## BODY CONSTRUCTION

- ^ all visible corners and edges are carefully finished for safety and appearance.
- ^ Heavy duty, full hearth extension.
- ^ black or 24 k gold plated heavy cast iron door, and 24 K gold plated "cool grip coil" door handle.
- ^ Ceramic Safety glass rated for 1400°F (760°C).
- ^ full width ash lip to reduce spillage when door is opened.
- ^ Aluminized steel interior heat shields, and stainless steel burn pot resists heat and corrosion.
- ^ ten tube heat exchanger with quick, removable exchanger tube heat shield. rod and scraper type heat

## SPECIFICATIONS

	stove	insert
<b>Width</b>	25" / 625 mm	25" / 625 mm
<b>Height</b>	31" / 775 mm	23" / 585 mm
<b>Depth</b>	25" / 625 mm	25" / 625 mm
<b>Weight</b>	225 lb. / 103 kg	200 lb. / 90 kg
<b>Fuel Capacity</b>	50 lb. / 22 kg	40 lb. / 18 kg
<b>Mobile home</b>	approved	approved
<b>Burn time</b>	11-50 hrs	9-40 hrs
<b>Input /hr*</b>	40,000 BTU	40,000 BTU
<b>Flue Diameter</b>	3" / 75 mm	3" / 75 mm

\*input may vary with quality of fuel

## FIREPLACE OPENING REQUIREMENTS

<b>Width</b>	Min. 23" / Max. 40"
<b>Height</b>	Min. 19" / Max. 31"
<b>Depth</b>	Min. 9"
<b>Required Hearth</b>	Min. 11"

## CLEARANCES TO COMBUSTIBLES

<b>Backwall</b>	1" / 25 mm
<b>Corners</b>	1" / 25 mm
<b>Sidewall</b>	5" / 125 mm
<b>Mantle</b>	13" / 330 mm
<b>Alcove Max. Depth</b>	30" / 762 mm
<b>Alcove Min. Width</b>	48" / 1220 mm
<b>Alcove Min. Height</b>	48" / 1220 mm
<b>Floor Protector</b>	6" / 150 mm

<b>Electrical Requirements</b>	115 Volts / 3 amp
<b>With Electric Start</b>	115 Volts / 9 amp

<b>EPA Status</b>	Exempt
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<b>Testing And Listed By:</b>	Warnock Hersey Vancouver, B.C. Canada
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**KOZI** *Quality Hearth Products*

your local KOZI dealer is

Litho'd In Canada