

## KOZI 20 and 30 Installation and Operation Manual

These wood burning heaters are suitable for both mobil home and in house use. Read all instructions carefully before starting the installation. Save this manual for future reference.

### RULES FOR SAFE INSTALLATION AND OPERATION.

1. Read these rules carefully. Failure to follow them could cause malfunction of heater, property damage, bodily injury and even death.
2. Inspect your heater carefully. Make yourself familiar with the workings of these heaters.
3. Check your local installation code. The installation must comply with their rulings.
4. Always install this heater on non combustible surface, (See Floor Protection). Maintain minimum clearances to the combustible as recommended in this booklet.
5. Connect these heaters only to;
  - A) A Masonary chimney acceptable to the Authority having jurisdiction.
  - B) A U.L.C. labelled, factory built 650 C chimney, installed in accordance with Manufacturers instructions. (For installations in the U.S.A., a U.L. listed Residential type Building/heating chimney).
6. Select suitable size of chimney. Chimney diameter should be same as flue collar of the heater, and have a minimum height of 15 feet.
7. Avoid excessive long run of flue pipe. A long run will result in rapid cooling of smoke and gases, causing creosote buildup.
8. CREOSOTE; Formation and need for removal.

When wood is burning slowly, it produces tar and other organic vapors, which combined with expelled moisture forms creosote. The creosote vapor condenses in the relatively cool chimney flue of a slow burning fire. As a result, creosote residue accumulates on the flue lining. When ignited this creosote makes an extremely hot fire.

The chimney connector and chimney should be inspected twice monthly during the heating season to determine if a creosote build-up has occurred.

If creosote has accumulated it should be removed to reduce the risk of a chimney fire.

9. The production of creosote may be reduced by burning small brisk fires and avoiding the use of slow burning green or unseasoned wood.

10. Disposal of Ashes: Ashes should be placed in a metal container with a tight fitted lid. The closed container of ashes should be placed on a non-cumbustible floor or on the ground, well away from all combustible materials, pending final disposal. If ashes are disposed off by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.

11. Store fuel at a safe distance from the heater.

#### HEATER CLEARANCES.

Maintain at least the following clearances between heater walls and all combustible materials;

From the front	48 inches/122 Cm.
From the back	14 inches/36 Cm.
From the sides	24 inches/61 Cm.
From Flue Pipe	18 inches/45 Cm.

For safety, avoid loaction of the heater close to an exit.

#### FLOOR PROTECTION.

When installing this heater on a combustible floor, a floor protector, consisting of a layer of non-combustible material at least 3/8 inch thick or 1/4 inch thick covered with sheet metal is required to cover the area under the heater, and to extend to at least 18 inches/45 Cm. at the front and 8 inches/20 Cm. to the sides and rear.

#### MINIMUM SIZE OF FLOOR PROTECTION (See Diagram)

For model 20	44 in x 38 in (122 cm x 97 cm)
For model 30	48 in x 49 in (122 cm x 125 cm)

## FLUE SIZE

Model 20	6 inch/ 15 cm
Model 30	7 inch / 17.5 cm

## CLEARANCE REDUCTION

Clearance may be reduced to:	Rear	4 Inches/11 Cm.
	Side	12 Inches/34 Cm.
	Flue Pipe	9 Inches/23 Cm.

When U.L.C. Labelled A.P.R. Industries Heat Shields are used. The Complete KIT consists of Rear, Side and Flue Pipe Shields.

## INSTALLATION.

1. Before proceeding with installation make sure you have proper tools and enough material for installation.
2. Do not use make shift installation. It is FIRE HAZARD.
3. Select a location for your heater keeping in mind
  - a. The minimum clearance from the combustible object and walls.
  - b. That you may have to cut a hole in the floor or wall for fresh air intake to the heater.
  - c. The chimney should be as straight as possible considering the location of roof trusses, joists and other services.
4. Once the location has been selected install floor protection and locate heater. Check for minimum allowable clearances.
5. If it is a mobil home installation anchor the heater to the floor using four bolts or lag screws. There are four holes provided on the pedestal for this purpose. Connect the fresh air intake of the heater to the outside using four inch metal pipe. For cold climate installation it is recommended that fresh air intake pipe and pedestal post should be insulated. In the event you are insulating pedestal post from inside, care must be taken not to block off the air supply to the heater. For Mobil home installation, a A.P.R. Industries Mobil Home Kit MUST be used.
6. Connect the heater to chimney by using suitable flue pipe. Maintain minimum clearance between flue pipe and combustible.

7. Secure and seal all joints by using ample screws and stove cement.
8. Recheck whole installation. Make sure the installation is done in proper manner and is safe.

DO NOT MODIFY THIS HEATER OR USE A MAKE SHIFT INSTALLATION.

#### OPERATION.

A. Read the following carefully before starting the heater:

1. This heater is designed for WOOD ONLY. Burn only wood. Store fuel away from heater in a dry place.
2. Do not overload this heater. Few logs ( 3 to 4 inches in diameter ) will give the best result.
3. Remove ashes after every use. Keep intake air holes clear of any obstruction.
4. Chimney should be examined weekly until safe frequency is determined.
5. Operate this heater only with the fueling door closed.

B. Following precautions should be taken while using this heater.

1. BURN WOOD ONLY. Do not burn coal, charcoal briquettes or other fuels.
2. Never use gasoline, gasoline type lantern fuel, charcoal lighter fluid or similar liquids to start or " FRESHEN UP " a fire in this heater. Keep all flammable liquids well away from heater.
3. Avoid over firing of heater.
4. Do not store combustible material within clearance range of the heater. All it takes is one mistake to cause a house fire.
5. This Heater is HOT while in operation. Keep children, clothing and furniture away .Contact may cause Skin burns.

C. Building a fire.

1. Open draft control to full open position.

2. Open the door. Use ample kindlings to start fire. once kindlings are burning briskly load the heater with wood.
3. Close the door and set draft control knob at a desired setting and enjoy your fireplace/heater.
4. Store fuel at a safe distance from the heater.

D. Caution about the chimney fire.

1. Build up of tar and creosote can ignite and cause a chimney fire, resulting in distortion of the inner lining of the chimney. If such a fire occurs, your chimney must be inspected immediately and damaged parts must be replaced before further use.

E. Fire Safety. To provide reasonable fire safety the following should be given serious consideration.

1. Installation of smoke detectors.
2. A conveniently located class A fire extinguisher to contend with small fires resulting from burning embers.
3. A practiced evacuation plan.
4. A plan to deal with chimney fire as follows. In the event of a chimney fire:
  - (a) Notify fire department.
  - (b) Prepare occupants for immediate evacuation.
  - (c) Close all opening of the stove.
  - (d) While awaiting fire department watch for ignition of the adjacent combustibles. Remove adjacent combustibles to avoid further spread of fire due to hot embers or sparks from chimney or heater.

KOZI 20 AND 30 DELUXE (Glass Door Option)

The deluxe models are fitted with glass doors. Following cautions must be observed in operating glass door models.

1. Do Not operate this heater with broken or missing glass.
2. Use only ceramic base glass for replacement. Substitution may be hazardous. Replacement glass is available through your dealer or write us directly;

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Winnipeg,Manitoba  
R3T 0P5

3. Glass must be installed with the gasket wrapped around the edges, to avoid direct contact with cast door, otherwise glass may break.

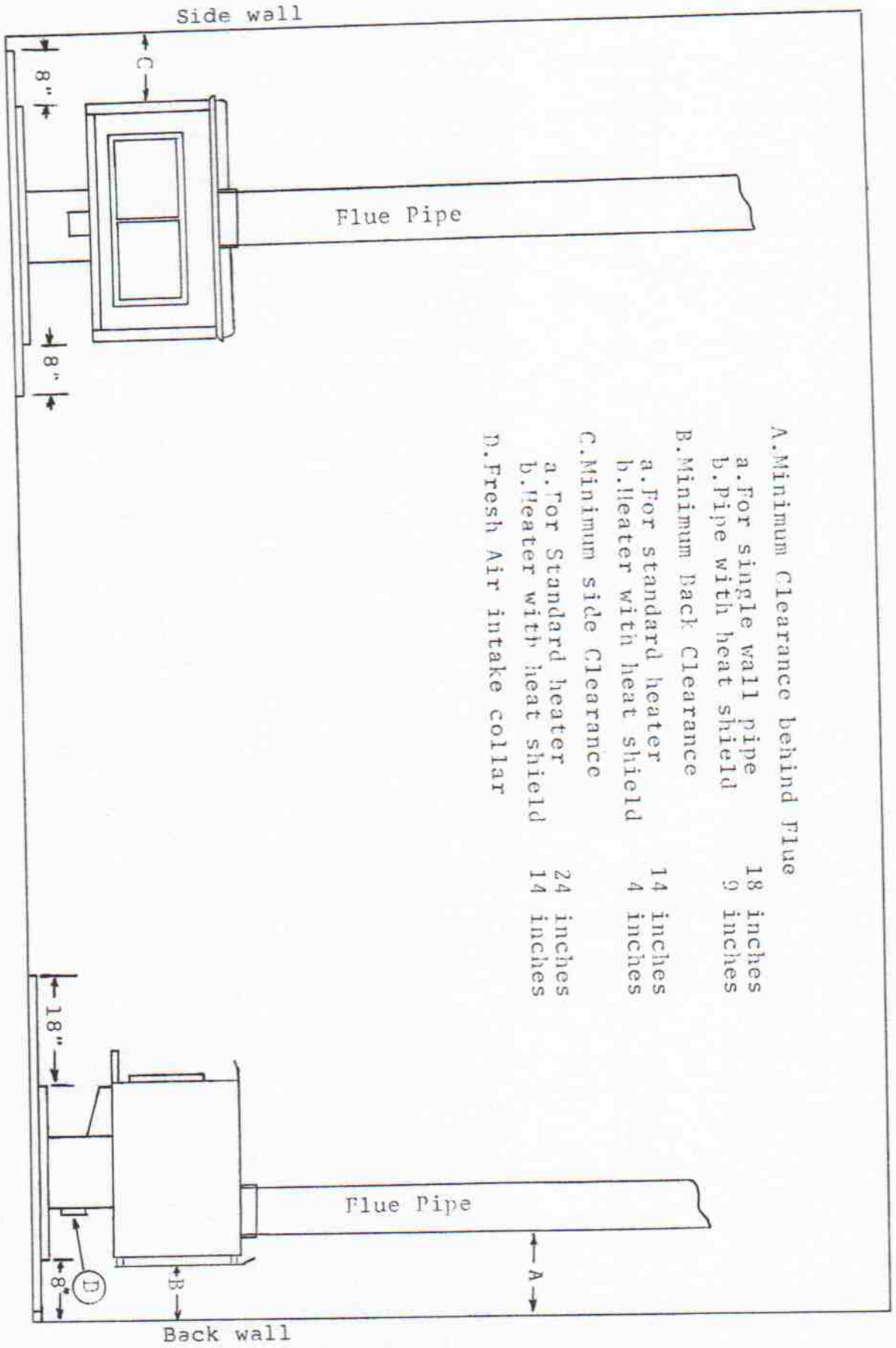
MORE INFORMATION ABOUT WOOD BURNING.

For further information on using your heater safely contact your local Building Authority, Fire Chief or Insurance Company.

SAVE THESE INSTRUCTIONS FOR FUTURE USE.

Manufactured by:

A.P.R Industries Ltd.  
1354 Waverley Street  
Winnipeg,Manitoba  
Canada R3T 0P5



- A. Minimum Clearance behind Flue
- a. For single wall pipe 18 inches
  - b. Pipe with heat shield 9 inches
- B. Minimum Back Clearance
- a. For standard heater 14 inches
  - b. Heater with heat shield 4 inches
- C. Minimum side Clearance
- a. For Standard heater 24 inches
  - b. Heater with heat shield 14 inches
- D. Fresh Air intake collar

Installation Clearances for model 20 and 30 heater

REPAIR PARTS  
KOZI MODELS 20 & 30

ITEM	PART NUMBERS				DESCRIPTION
	KOZI 20	KOZI 20 D	KOZI 30	KOZI 30 D	
1	201	201	301	301	Burner Body
2	202	203	302	303	Doors
3	---	204	---	304	Glass for Doors
4	---	205	---	205	Gasket for glass
5	206	206	206	206	Gasket for door
6	207	207	307	307	Air manifold
7	208	208	208	208	Coil handle
8	209	209	309	309	Hearth extension
9	210	210	210	210	Fire bricks
10	211	211	211	211	Draft control knob

To order parts please provide the following information:

1. Model number
2. Serial number
3. Part number
4. Description



KOZT model 20 and 30  
space heater

