

*S*36 36" textured white refractory brick S36H 36" textured white herringbone ref^ractory brick S36R 36" textured red refractory brick S36RH 36" textured red herringbone refractory brick VS36(1) 36" smooth white refractory brick *VS36H(l)* 36" smooth white herringbone refractory brick

RESIDENTIAL AND OUTDOOR WOODBURNING FIREPLACE INSTALLATION INSTRUCTIONS

SAVE THIS BOOK

This book is valuable. In addition to instructing you on how to install and maintain your appliance, it also contains infom1ation that will enable you to obtain replacement parts or accessory items when needed. Keep it with your other important papers.

This fireplace is approved for use as a wood burning fireplace or for use with a vented gas log approved to ANS Z21.60, Z21.84 or RGA 2-72 standards .QLfor use with a vent-free gas log heater approved to ANS Z21.112 standard. A DESA hood must be installed when using a ventf^ree gas log heater (see Accessories, p. 12).



DESA INTERNATIONAL 2701 INDUSTRIAL DRIVE P.O. BOX 90024 BOWLING GREEN, KY 42101-9004 www.desatech.com



PIN 111026-01 **REVA** 11/02

01!\"1-Ttfl Labon1orit). loc.

CONTENTS

1	INTRODUCTION		PG. 2
2.	SELECT1NG LOCATION		PG. 2
3.	MINIMUM CLEARANCES	***************************************	PG. 2
4.	FRAMING AND INSTALLING		PG. 3
5.	HEARTH EXTENTION		PG. 3
6:	OUTSIDE AIR KJT INSTALLATION	p- 2	PG. 3
7.	CHIMNEY PIPE AND OFFSET INSTALLATION		- PG. 45
8 9.	FIRESTOP SPACERS FLASHING AND TERMINATION		PG. 5
10.	FINISHING YOUR FIREPLACE		PG. 7
11.	MANTELS	-	PG. 8
12	GLASS DOORS		PG. 8
13.	GAS LINE INSTALLATJONS		PG. 9
14	DAMPER OPERATION		PG.JO
15.	TECHNICAL SERVICE		PG. 10
16.	ILLUSTRATED PARTS		- PG.11-1 la
I 7.	REPLACEMENT AND TECHNICAL PARTS		PG.12

FOR VOIIR SAFETY

- c De not store or use gasoiine or any other flammabie vapors or liquids in the vicinity of this or any other appliance.
- e Due to high temperatures, the appliance should be located out of traffic and away f^tom furniture and draperies.
- c *Do* not place clothing or other fianm1able materials on or near the appliance.
- NEVER leave children unattended when a fire is burning in the fireplace.

A **WARNING:** Improper installation, adjustment, alteration, service or maintenance can cause injury, property damage, or loss of life. Refer to this manual for assistance or additional infom1ation. Consult a qualified installer or local distributor.

CHECK LOCAL CODES BEFORE INSTALLING THIS FIREPLACE.

INTRODUCTION

T

BEFORE BEGINNING THE INSTALLATION OF THE FIREPLACE, READ THESE INSTRUCTIONS THROUGH, COMPLETELY.

- ¢ This DESA fiieplace and -its components are safe when installed according to this installation manual. Unless you use DESA components, which has been designed and tested for the fireplace system, you may cause a fire hazard.
- The DESA wan-anty will be voided by and DESA disclaims any responsibility for the following actions:
 a) Modification of the fireplace, components, doors, air inlet system and damper control.

b) Use of any component part not manufactured or approved by DESA in combination with a DESA fireplace system.

PROPER INSTALLATION is the most important step in ensuring safe and continuous operation of the fireplace. Consult the local building codes as to the pallicular requirements concerned with the installation of all factory built fireplaces

A **WARNING:** Do not install a fi'eplace insert in this box unless the manufacturers instructions with the insert specifically state this fireplace has been tested for use with the insert.

USE SOLID \\'OOD OR PROCESSED SOLID FUEL FIRELOGS ONLY.

A **WARNING:** When processed wood fuel fire logs are used, do not poke or stir the logs while they are burning. Use only fire logs that have been evaluated for the application in fireplace and refer to fire log warnings and caution markings on packaging prior to use.

This fireplace is not intended ,o **be** used zs 2 substitute for a furnace to heat rn er.tire home. Use for supplemental heat onl .

This wood-burning fireplace complies with UL 127-CAN/ULS-S610-M87 standard as a FACTORY BUILT FIREPLACE.

FOR CANADA: The authmity ha\'ing jurisdiction (such as the municipal building department, fire department, etc.) should be contacted before installation to dete1mine the need to obtain a pemlit.

SELECTING LOCATION

To determine the safest and most efficient location for the fireplace, you must take into consideration the following guidelines:

- J.) The location must allow for proper clearances (see figures I & 2).
- •2.) Consider a location were the fireplace would not be-:. affected by drafts, air conditioning ducts, windows or doon.
- 3.) A location th t avoids the cutting of Joists 0r roqf, rafters will make installation-casier.
- 4.) An outside air kit is available with this fireplace. Fen; more details refer. to section on outside air" kit installation on page 3.

MBNIMUM CLEARANCES TO ICOMBUS'fIIBLES

"	Back and side of fireplace	3/4"	minimum			
Note: The ³ / ₄ " clearance is not required at the nailing flanges						
"	Floor*	0°,	minimum			
*See step 2 of "Installing the Fireplace" on page 3						
	Perpendicular Wall to Opening of unit -	12"	minimum			
•	Top Spacers	0'	minimum			
•	Mantel Clearances	S	ee page 8			
			"Mantels"			
•	Chimney Outer Pipe Surfaces	Ι"	minlmum			
_						

A **WARNING:** Do not pack required air spaces ithinsulation or other materials.

MINIMUM/ MAXIMUM CHIMNEY HEIGHT

RESIDENTIAL J.NSTALLATJON

The minimum height of the chimney, measured from the base of the fireplace to the flue gas outlet of the termination, is 14.5... feet for straight flue or a flue with one elbow set. The maximum distance between elbows is 6 feet. For systems with two elbow sets, the minimum height is 22 feet. The maximum height of any system is 50 feet. This measurement includes the fireplace, chimney sections and the height of the termination assembly at the level of the flue gas out t (see page 7, figure 15).

OUTDOOR INSTALLATION

The minimum height of the chimney, measured from the base of the fireplace to the flue gas outlet of the termination, is 75 feet (minimum 4 feet of chimney pipe section required for outdoor installation). FRAMING AND INSTA!LUNG T& HRIEPL4.ClE

STEP 1: Frame the opening for the fireplace using the dimensions shown in figures 1 & 2.

STEP 2: If the fireplace is to be installed directly on carpeting, tile (other than ceramic), or any combustible matelial other than wood flooring, the fireplace must be installed upon a metal or wood panel extending the full width and depth of the fireplace.

STEP 3: Set the fi'eplace directly in f'ont of this opening and slide the unit back until the nailing flanges touch the side framing.

STEP 4: Check the level o, tile fi'eplace and shim with sheet metal if necessary. Make sure the unit is balanced on each side.

STEP 5: Before securing fireplace to prepared f'aming, the ember protector (provided), must be placed between the hearth extension (not supplied), and under the bottom front edge of the fireplace to protect against glowing embers falling through. If the fireplace is to be installed on a raised platform1, a Z-type ember protector (not supplied) must be fabricated to fit your required platform height. The ember protector should extend under the fireplace a minimuD} of 1 - 1/2". The ember protector should be made of galvanized sheet metal (28-gage minimum).

STEP 6: Using screws or nails, secure the fireplace to the framing through flanges located on the sides of the fireplace.

NOTE: Foi- outdoor installations, the fireplace enclosure must allow for adequate drainage and f¹esh air ventilation. **It** is recommended that a sealed, corrosion resistant catch pan with provision for drainage, be installed under the fi'eplace within the fireplace enclosure.





HEARTH EXTENSION

A Mah extension projecting a minimum of 16" in front of and a minimum of 8" beyond each side of the fireplace: opening is required to protect combustible floor construction in front of the fireplace. Fabricate a hearth extension using a material which meets the following specifications a 1-fyer of_. non-combustible, inorganic .material having , a '. tilem) ':c conductivity of K = 0.4 BTU IN/FT. HR F (or Jess) at i' thick. For example, if the material selected has a K factor o't 0.25, sm:kas glass fiber; the following fommla wQuld apply.: :::

 $\underline{0.25}$ x 1.0" = 0.30 thickness required $\overline{0.84}$

Thermal conductivity "K" of materials can be obtained f'om The manufacturer or supplier of the non-combustible material. If the hearth extension is to be covered, use non-combustible material such as tile, slate, brick, concrete, metal, glass, marble, stone etc. Provide a means to prevent the hearth extension from shifting and seal gap bet "een the fireplace f'ame and hearth extension with a non-combustible material (see figure 3).



A **WARNING:** Hearth extension is to be installed only as illustrated.

OPTIONAL OUTSIDE AIR K H (MODEL AK4 / AK4F) The installation of an outside air kit shouid be perfolmed duling the rough framing of the fireplace due to the nature of its location. Outside combustion air is accessed through a vented crawl space (AK4F) or through a sidewall (AK4). See page I0, figure 2i for instructions on how to operate the air kit.



CHIMNEY PIPE

The DESA chimney system consists of 12, 18, 24, 36 and 48 inch, snap-lock double-wall pipe segments, planned for maximum adaptability to individual site requirements. Acnial lengths gained after fitting overlaps must be taken into consideration (lineal gain) and are given in the lineal gain chart (see figure 5).

ASSEMBLY AND INSTALL A TION OF THE DOUBLE WALL CHIMNEY SYSTEM

Each double wall chimney section is consist of a galvanized outer pipe, a stainless steel inner flue pipe and a wire spacer. The pipe sections must be assembled independently as the chimney is installed.



For Canada, use chimney parts designated "HT"

When connecting chimney directly to the fireplace, th inuiel:-...flue pipe section iimst be installed first "'.'ith the lanc "if sid_ • up. -The outer pipe s ection-ean then be installed.over":the tlije:- pipe section with the helJImed end up.

Press down _m each pipe ection until the lances _securely. engage the hem on _the-fireplace starter. The-wire will ass lr-: the proper spacing benveen the inner and outer pipe sections. Continue to assemble chimney sections as outlined above, making sure that both the inner and outer pipe sections are locked together. When imtalling double wall "snap Jock" chimney together, it is important to assure the joint b et "een the chinmey sections is locked. Check by pulling chimney upward after locking. The chimney will not come apart if properly locked. It is not necessary to add screws to keep the chimney together (exception - see page 5 figure 8).



*For systems with two elbow sets, the minimum height is 22 feet. The maximum height for any system is 50 feet.

- 4 -

A **WARNING:** The opening in the collar around the chimney at the top of the fireplace must not be obstructed. Never use blown insulation to fill the chimney enclosure.

INSTRUCTIONS '\'HEN ELBOW OFFSET (30E-8DM) OF CHIMNEY IS NEEDED

1. To achieve desired offset, you may install combinations of 12", J8", 24", 36" and 48" length of double wall pipe (SEE SINGLE OFFSET CHARTAND FIGURE 6).

2. Chimney weight above offset rests on return elbow. Straps must be securely nailed to rafters or joists (see figure 7, details a & b).

3. Maximum length of pipe between supports (return elbow or 12S-8DM) is 6' of angle run. Maximum of two (2) 6' angle run sections per chimney system (see figure 6).

OFFSET CHART (22-50 FT. SYSTEM HEIGHT)

OFFSET	RISE	CHIMNEY LENGTH				
A	В	48"	36"	7 24"	18"	12"
4 - 3/8	16 -3/8	ELBOW SET ONLY				
9 - 3/4	25 • 1/2					1
12 - 3/4	30 - 3/4				1	
15	34 - 3/4			1		
18	•0			1	1	1
21 - 1/4	46 - 1/4		1			
23 - 3/4	49 - 114		14	1 1	1	
27 - 3/4	56 - 3/4	1				100
30	60 - 314		1		1	1. The second
33	66	1				1
36	71	1			1	
38 - 1/4	75		2	1		
41 - 1/4	80 - 1/4		1		1	1
45	86 - 3/4		2	1		-
463/4	89 • 1/2	1			. 1	1
51	97	1	1			
53 • 1/4	101	- I	2	1	1	-
56 - 1/4	106 - 1/4	2		1		-
59 - 1/0	111-1/2	1	1	1	1	
61 - 3/4	115-1/2	2		12		1
64 - 314	120 - 3/4	2		1	1	
68 - 1/4	127	1	2	1		
70	-130	2		1	1	1
74 - 1/4	137 - 1/2	1	2	1	1	1
76 - 3/4	1•1 - 1/2	-1	2		1	
79 - 3/4	146 - 3/4		4	1	1	



FIRESTOP SPACERS (V3600FS-8DM)

Firestop spacers are required at each point where the chimney penetrates a floor space. Their purpose is to establish and maintain the required clearance between the chimney and the combustible materials.



When the pipe passes through a framed opening into a living space above, the firestop must be placed onto the ceiling from below as shown il ^f figur 9. -They also provide complete-separation f^rom one floo(-space in another or attic space a required by most codes. When th double wall pipe passes through a framed opening into an atti space, the:firestop musr-be pl'aced into an attic iloor as shown; in figure 10



For more illformatio11, visit www.dc5atech.com

PENETRATING THE ROOF

To maintain a]-inch clearance to the pipe on 2 roof with a pitch, a rectangular opening must be cut.

STEP 1: Determine the center point through which the pipe will penetrate the roof.

STEP 2: Detemline the center point of the roof. Pitch is the distance the roof drops over a given span, usually 12 inches. A 6/12 pitch means that th :*oof* drops 6 inches for each 12 inches one measure horizontally down f'om the roof rafters.

STEP 3: Use the roof opening chart (figure 11) to determine the conect opening length and flashing required.

STEP 4: Remove the shingles around the opening measured and cut out this section.

STEP 5: Add the next sections of the pipe until the end penetrates the roofline. Check to see that the proper clearances are maintained. Extend chimney by adding sections of double wall pipe until pipe is a minimum of 30 inches above the highest point of the roof cutout. Tem lination and chimney must extend a minimum of 36 inches above the highest point where it passes through roof.



FLASHING INSTALLATION (V6F-8DM or **V12F-8DM)** Determine the flashing to be used with the roof opening chart. Slide flashing over pipe until base is flat against roof. Replace as many shingles as needed to cover exposed area and flashing base. Secure in position by nailing through shingles (see figure 12).

DO NOT NAIL THROUGH FLASHING CONE.

£NS'FALLING FLASHING ON A METAL ROOF

When installing the flashing on a metal roof, it is required that putty tape be used between the flashing and the roof The flashing must be secured to the roof using $\#8 \times 3/4"$ screws and then sealed with roof coating to prevent leakage through the screw holes. A roof coating must also be applied around the perimeter of the flashing to provide a proper seal.



Place storm collar over pipe and slide down until it is snug against the open edge of the flashing (see figure J3). Use SCJ for all round terminations and SC2 for all tem1inations with slip sections. Apply waterproof caulk around the perimeter of the collar to provide a proper seal.



TERMINATWNS /SPARK ARRESTOR

The fireplace system must be tem1inated with the listed round top or chase terminations. In any case, refer to the installation instructions supplied with the termination. The terminations approved for this fireplace are the RT-8DM and RTL-8DM that can be used for flashing or chase and ET-8DM, ET0-8DM, ETL-8DM and ETLO-SDM for chase style te1mination only. Figure 14 shows an RTL-8DM round top tem1ination.



CAUTION: Do not seal openings on the rooftop flashing. Foilow the installation instructions provided with the termination being used.

Tem1inations with 16" slip pipe sections are available. The RTT-8DM and RTTL-8DM are approved for flashing installations. When needed, these adjustable te1111inations may be used in combination with the pipe assembly to achieve the correct chimney height.

NOTE: In the rare instance there is a problem with the side driven rain or wind or the chimney is not drafting properly, an ADS-8DM Anti Draft Shield can be used with round tem1inations.

CHASE INSTALLATIONS

Instructions for chase $i, \cdot, tallations$ are included with the chase style termination chosen. In a multiple chase installation, be sure to provide adequate distance between terminations to prevent smoke spillage from one termination to another. We suggest that terminations be separated at least 24 inches, center to center and stacked at vertical height difference of 18 inches (see figure 15).



*NOTE: If a decorative shroud is to be installed, contact the manufa turer for specifications.

10-FOOT RULE

All flue gas outlet of chimny termination must extend L minimum of 3 feet in height above the highest p_ointwher::it:".i-, passes through the roof and must be at least 2 feet above the highest point of the roof that is within a horizontal distance of 10 feet (see-figure 16).



FINISHING THE FIREPLACE

Combustible materials, such as wallboard, gypsum board, sheet rock, dlywall, plywood, etc. may make direct contact with sides and top periphery of the fireplace face. It is important that combustible materials do not overlap the face itself. Brick, glass, tile or other non-combustible materials may overlap the front face provided they do not obstruct essential openings like louvered slots or any other opening. When overlapping with a non-combustible facing material, use only non-combustible mortar or adhesive.

MANTEILS

A mantel may be installed if desired (see figure 17), Woodwork such as wood trims, manteis, or any other combustible material projecting f^rom the f^ront face must not be placed within 9 inches of the fireplace.

Combustible materials above 9 inches and projecting more than 1-1 /2 inches f^rom the fireplace must not be placed less than 12 inches from the top opening of the fireplace (NFPA STD 211, Sec. 7-3.3.3).



Mantels or any other combustible material also niay come up to the side edge of the black metal face of the fireplace just as long as the projection-from the front face fall within the limit shown in figure 17a.



OPER.\. TENG GUMEUNE§ AND MAJNIfENANCE YNSTRUCTIONS

GLASS DOORS

Glass doors are optional with the fi^replace. When the fi^replace is in operation, doors must in FULLY OPENED or FULLY CLOSED position only or a fi^re hazard may be created (see figure 18).

A fi^replace equipped with glass doors operates much differently than a fireplace with an open front. A fireplace with glass doors has a limited amount of air for combustion. Excessive heat within the fireplace can result if too large a fire is built or if the combustion air gate is not completely open.

The following tips should be followed to assure that both the fireplace and the glass door retain their beauty and function properly. Both the flue damper and the glass doors must be fully. opened before starting the fi^re. This will provide sufficient combustion air and maintain safe temperatures iil--the firebox.



IMPORTANT: The glass must be allowed to warm slowly and evenly. The tempered glass will withstand a gradual temperature rise to 550 degrees Fahrenheit, which is more than a normal fire will generate. Such materials as pi_tch/wx laden logs, very dry mill end lumber, and large amouHts of _____ paper or cardboard boxes can create an excessively hot fire • and should not be burned in this fireplace. Always keep the fire well back from the doors and never allow flames to contact the glass.

J: **VARNING:** Fireplaces equipped with glass doors should be operated only with doors fully opened or doors fully closed. Doors, if left partly open, inay draw gas and flame out of the fireplace opening creating risks of both fire and smoke.

CLEANING THE GLASS

Clean the glass with any commercial glass cleaner or soap and water. Do not use any abrasive material to clean the glass. Do not clean the glass with any cool water if the glass is still hot f^{r} om the fire and smoke.

A gas line or gas log lighter may be installed for the purpose of installing a vented or vent-free decorative gas appliance incorporating an automatic shutoff device and complying with the Standard for Decorative Gas Appliances for Installation in Vented Fireplaces, ANSI 221.60 or American Gas Association draft requirements for Gas-Fired Log Lighters for Wood Burning Fireplace, :>raft No. 4 dated August, 1993.

IF YOU WISH TO INSTALL AN UNVENTED (VENT-FREE) GAS LOG SET, ONLY UNVENTED GAS LOG SETS, WHICH HAVE BEEN FOUND TO COMPLY WITH THE STANDARD FOR UNVENTED ROOM HEATERS ANSI 221.11.2, ARE TO BE INSTALLED IN THIS FIREPLACE.

OPTIONAL GAS LINE INSTALLATION

Gas line hook up should be done by your supplier or a qualified service person.

NOTE: Before you proceed, make sure your gas supply is turned off.

Use only a ¹/₂ inch black iron pipe and appropriate fittings. STEP I: To install, remove the knockout indentation on the refractoly, (or firebrick), wall located above the refractorv heallh floor. The knockout indentation must be finnly tapped with any solid object until it is released. Remove fragmented portions of refractory (see figure J9.



STEP 2: Remove gas line cover plate located on either side of fireplace and pull out insulation from gas line conduit sleeve. Save insulation for reuse.

STEP 3: Run a ¹/₂ inch black iron gas line into the fireplace through the rear at gas line conduit sleeve (if using a raised platfonn, add height). Provide sufficient gas line into fireplace chamber for fitting connection (see fig;re 20).

NOTE: Secure incoming gas line to wood framing to provide rigidity for threaded end.

STEP 4: Repack insulation around gas line and into sleeve opening. Seal any gaps between gas line and refractory knockout hole with refactory cement or commercial furnace cement. Install the gas appliance or cap-off gas line if desired.



CAUTION: All gas piping and connections must be tested for leaks after the installation is completed. After ensuring that the gas valve is on, apply soap and water solution to all connections and joints. Bubbles fomling show a leak. -Corfect all leaks at once. DO NOT USE AN OPEN FLAME FOR LEAK TESTING AND DO NOT OPERATE ANY APPLIANCE IF A LEAK- IS DETECTED. LEAK-TESTING.SHOUL:D BE PONE.BY A-QUALIFIED SERVICE PERSOL.f

NOTE: A DESA. hood must be installed when using -allunYented gas log set (see accessories on page 12).

100

20 I B

A \VARNING: Do not operate an unvented gas log set in this fireplace with the chimney removed.

If you install a decorative gas appliance (vented gas log), the decorative gas appliance must comply with the Standard for Decorative Gas Appliance for Installation in Solid Fuel burning Fireplaces, ANS Z21.60, 221.84 or RGA 2-72, and shall also be installed in accordance with the National Fuel Gas Code, ANS 2223.1-NFPA 54 latest edition.

A WARNING: To avoid the risk of damaging the fireplace materials and increasing the risk of spreading a fire, do not use the fireplace to cook or warm food.

A WARNING: If the fi^eplace has been used for wood burning, the firebox and chimney must be cleaned of soot, creosote and ashes by a qualified chimney cleaner. Creosote will ignite if highly heated.

A **WARNING:** When using a decorative vented gas log, the damper must be removed or pern1anentl: locked in the fully open position and the glass doors must be in the fully open position.



OUTSIDE AIR AND DAMPER HANDLE OPERATION

The damper handle, which opens and closes the damper blade, is located in the upper front face of the fireplace. Pushing the handle in to the left of the keyway slot will free the damper blade to automatically open. Pushing the handle in to the right will lock the damper blade closed (see figure 21).



The outside air kit handle is located at the left hand side of the fireplace (see figure 21). Pulling the handle out will free the outside air door to open. Pushing the handle in will lock the door close.

ii. WARNING: Risk of fire! Replace grate with DESA model 111028-01 grate only. This grate has been designed to keep the operation of your fireplace safe and efficient.

FOR FURTHER OPERATING GUIDELINES, * INSTRUCTIONS AND WARRANTY INFORMATION, PLEASE REFER TO YOUR HOMEOWNERS GUIDE OR CONTACT YOUR AUTHORIZED DEALER.

TECHNICAL SERVICE

You may have questions about installation, operations, or troubleshooting. If so, contact the Technical Service Department at 1-866-672-6040. When calling, have the model number of the fireplace ready.

4.20

ILLUSTRATED PARTS



<u>lillustra'feid parts</u>

ITEM#	DESCRIPTIO	QTY	S36	S36H	S36R	S36RH	VS36(l)	VS36HO)
1	HOMEOWNERS GUIDE	1	106625-0]	106625-01	1066 5-0I	106625-01	106625-01	I06625-0i
2	INSULATION PAN	1	I06638-01	I06638-0 I	I06638-0 I	I06638-01	I06638-0 I	I06638-0 I
3	FIREPLACE TOP	Ι	I06639-01	106639-01	I06639-01	106639-01	106639-01	I06639-0 I
4	FIREPLACE SURROUND	1	106641-01	106641-01	I06641-0 I	I06641-01	106641-01	I06641-01
5	AIR ROD RETAINER	J	I06642-01	I06642-01	I06642-01	I06642-01	106642-01	106642-01
6	DAMPER ROD RETAINER	1	I06643-01	106643-01	I06643-0]	I06643-01	106643-01	I06643-01
7	FIREBOX BOTTOM	1	I06655-01	I06655-01	106655-0 I	106655-01	106655-01	106655-0 I
8	FIREBOX SURROUND	1	I06656-01	106656-01	I06656-01	I06656-01	106656-01	106656-0 I
9	AIR SEPARATOR	1	I06657-0 I	106657-01	I06657-01	106657-01	106657-01	I06657-0 l
10	LEFT REFRACTORY	1	I06658-03	108164-03	106658-02	I08164-02	106658-01	108164-01
11	RJGHT REFRACTORY	1	106659-03	108165-03	I06659-02	108165-02	106659-0l	108165-01
12	REAR REFRACTORY	J	106660-03	108166-03	106660-02	108166-02	106660-01	108166-01
13	BOTTOM REAR REFRACTORY	1	110899-0 I	110899-01	110899-02	110899-02	110899-01	110899-01
14	_BOTTOM FRONT REFRACTORY	1	110900-01	110900-01	110900-02	110900-02	110900-01	II0900-01
15	FIREBOX SUPPORT LEG	4	106683-01	I06683-01	106683-0 I	106683-01	I06683-01	10668:;:01
16	DAMPER CAN COLLAR	j	I06687-01	I06687-01	106687-01	106687-01	106687-01	106687-01
17	SCREEN·ROD	2	106691-01	I066910 I	I06691-01	106691-01	I06691-01	1.06691_91
18	FIREBOX TOP ASSEMBLY	1	106694-01	- 106694-01	106694001-	106694-0l_	l.06694-0I-	<u>.</u> i06694-01
19	AIR KJT DOOR ASSEMBLY	J	106703-01	106703-01	I 06703-01	·106703-01 :	· 106703-01	· · r66103: :
20	FACE WELDMENT	1	l 10901-01	1 10901-01	l 10901-01 ·	110901-01	110901-01	110901-=Dl
21	AJR DEFLECTOR.	1	.110892-01	110892,0L	. J 10892-01	lJ 0892-0 I	I I0892-01	l.1089f61
22".	FIREPLACE TOP INSULATION	1	107768-01	107768-01	107768-01	107768-01	107768-01	107768-Dl
23	PANEL ACCESS	i	107775-01	107775-01	107775-01	107775-0l	107775-01	I07775-01
24	OWNERS MANUAL	1	111026-01	111026-01	111026-01	111026-01	111026-01	111026-01
25	RIGHT REFRACTORY BRACKET	1	I07854-01	107854-01	107854-01	107854-01	I07854-01	107854-01
26	LEFT REFRACTORY BRACKET	. 1	107854-02	I07854-02	107854-02	107854-02	107854-02	I07854-02
27	GRATE	1	111028-01	_]]1028-01	11 1028-0 I	111028-01	1 11028-01	111028-01
28	PUSH-ON NUT	2	11418	11418	1141-8	11418	11418	11418
29	STAINLESS SCREEN 22 x 21	2	110890-01	110890-01	110890-01	110890-01	I10890-01	110890-01
30	COLLAR INSULA TJON	1	16405	16405	16405	16405	16405	16405
31	COLLAR. CHIMNEY STARTER	1	20023	20023	20023	20023	20023	20023
32	REFRACTORY RETAINER	2	20027	20027	20027	20027	.won	20027
33	GRATE RETAINER	2	I06539-02	106539-02	106539-02	106539-02	106539-02	. 1065:19-02
34	DOOR STOP	1	111073-01	111073-01	111073-01	111073-01	-111073-01	111073-0
35	PIVOT CUP	2	111204-01	111204-01	111204-01	11 1 204-01	111204-01	111204-01
36	SPRING CUP	2	20090	20090	20090	20090	20090	20090
37	TOP SPACER	4	20280	20280	20280	20280	20280	20280
38	CONDUIT PLATE COVER	4	21171	21171	21171	21171	21171	21171
39	GAS CONDUIT	2	21379	21379	21379	21379	21379	21379
40	GAS CONDUIT	2	21380	21380	21380	21380	21380	21380 -