



CLX 5-18	BX 5-16
CLX 6-24	BX 6-24
CLX 7-30	BX 7-30
GRX 4-16	TJX 5-18
GRX 5-18	TJX 6-24
GRX 6-24	TJX 7-28
GRX 7-30	

INSTALLATION INSTRUCTIONS

- FOR NATURAL GAS -

YOU HAVE JUST PURCHASED THE FINEST HAND-CRAFTED GAS FIRE LOGS. PLEASE TAKE A FEW MINUTES TO STUDY THESE INSTRUCTIONS WHICH WILL ASSIST IN A SIMPLIFIED INSTALLATION AND MAKE YOU AWARE OF SOME NECESSARY PRECAUTIONS. PROPERLY INSTALLED, FLICKER FLAME GAS FIRE LOGS WILL PROVIDE YEARS OF TROUBLE-FREE WARMTH AND ENJOYMENT.

FIREPLACE SIZE

****AN ODORANT IS ADDED TO THE GAS USED BY THIS GAS LOG SET**

THE CHART BELOW INDICATES THE MINIMUM SIZE FIREPLACE IN WHICH DIFFERENT SIZE GAS LOG SETS CAN BE INSTALLED.

SET SIZE	FRONT HEIGHT	FRONT WIDTH	SET DEPTH
16	16"	20"	16"
18	16"	22"	16"
24	16"	28"	16"
30	16"	34"	16"

FOR YOUR SAFETY

IF YOU SMELL GAS:

1. OPEN WINDOWS
2. DON'T TOUCH ELECTRICAL SWITCHES
3. EXTINGUISH ANY OPEN FLAME
4. IMMEDIATELY CALL YOUR GAS SUPPLIER

FLAMMABLE VAPORS MAY BE DRAWN BY AIR CURRENTS FROM OTHER AREAS OF YOUR HOUSE TO THIS APPLIANCE.



FOR YOUR SAFETY

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE

HARGROVE MANUFACTURING CORPORATION



GAS SUPPLY

ALL FITTINGS ARE SUPPLIED TO HOOK UP THE BURNER SYSTEM TO A 1/2" SUPPLY PIPE FOR NATURAL GAS INTO THE FIREPLACE. THE MINIMUM INLET GAS SUPPLY PRESSURE FOR NATURAL GAS IS SEVEN INCHES WATER COLUMN. THE MAXIMUM INLET GAS SUPPLY PRESSURE IS 10 1/2 INCHES WATER COLUMN.

THE APPLIANCE AND ITS INDIVIDUAL SHUTOFF VALVE MUST BE DISCONNECTED FROM THE GAS SUPPLY PIPING SYSTEM DURING ANY PRESSURE TESTING OF THAT SYSTEM AT TEST PRESSURE IN EXCESS OF 1/2 PSIG. THE APPLIANCE MUST BE ISOLATED FROM THE GAS SUPPLY PIPING SYSTEM BY CLOSING ITS INDIVIDUAL MANUAL SHUTOFF VALVE DURING ANY PRESSURE TESTING OF THE GAS SUPPLY PIPING SYSTEM AT TEST PRESSURE EQUAL TO OR LESS THAN 1/2 PSIG.

**VENTING

GAS LOGS MUST BE INSTALLED ONLY IN A VENTED FIREPLACE WITH A WORKING FLUE AND CONSTRUCTED OF UNCOMBUSTIBLE MATERIALS. DAMPER MUST BE FULLY OPEN DURING OPERATION. THE FLUE MUST BE AT LEAST EIGHT INCHES IN DIAMETER. SINCE A NATURAL YELLOW FLAME IS PRODUCED BY THE EMBER BURNER, SOME SOOTING WILL RESULT. IF THE VENTING IS ADEQUATE, IT WILL SAFELY REMOVE ALL THE PRODUCTS OF COMBUSTION. IF IN DOUBT, CHECK BY LIGHTING A MATCH, BLOW IT OUT, AND HOLD IT FOUR INCHES AWAY FROM THE TOP OPENING OF THE FIREPLACE LINTEL. IF THE SMOKE IS DRAWN INTO THE FIREPLACE, VENTING IS PROBABLY ADEQUATE. ALL CHIMNEY DAMPERS MUST BE FIXED IN A MANNER WHICH WILL MAINTAIN THE PERMANENT VENT OPENINGS AT ALL TIMES. A DAMPER STOP IS INCLUDED WITH THIS SET.

**VENTILATION AIR

THE INSTALLATION AND THE PROVISIONS FOR COMBUSTION AND VENTILATION AIR MUST CONFORM WITH THE NATIONAL FUEL GAS CODE, ANSI Z223.1-1980.

A FIRESCREEN MUST BE IN PLACE WHEN THE GAS LOG SET IS IN OPERATION AND, UNLESS OTHER PROVISIONS FOR COMBUSTION AIR ARE PROVIDED, THE SCREEN SHALL HAVE AN OPENING(S) FOR INTRODUCTION OF COMBUSTION AIR.

**CLEANING

YOUR FLICKER FLAME GAS LOGS REQUIRE VERY LITTLE CARE. KEEP THE FIREBOX FREE FROM TRASH AND DEBRIS. IF EXCESS SOOT DEVELOPS ON THE LOGS, THE FOLLOWING SUGGESTIONS WILL PROVE TO BE HELPFUL: 1) REMOVE SOOT WITH A SOFT DRY PAINTBRUSH, 2) TURN THE GAS VALVE TO MEDIUM OR LOW, OR 3) INCREASE SPACE BETWEEN THE TOP LOGS. AFTER BURNING, THE LOGS BECOME FRAGILE AND SHOULD BE HANDLED WITH GREAT CARE. SMALL HEAT SHOCK CRACKS MAY DEVELOP IN THE LOGS AFTER SEVERAL HOURS OF BURNING. SINCE THE LOGS ARE REINFORCED WITH METAL LATH, THEY WILL STAY TOGETHER.

**LIGHTING

OPEN DAMPER. PLACE A LONG LIGHTED MATCH ABOVE THE FIRE EMBERS ABOUT THREE INCHES FROM THE GAS SUPPLY CONNECTION. TURN THE GAS ON SLOWLY. AFTER EMBER BURNER IS IGNITED ADJUST THE GAS VOLUME FOR DESIRED FLAME HEIGHT. IF SET IS EQUIPPED WITH A SAFETY PILOT CONTROL (SPC) SEE SEPARATE INSTRUCTIONS.

**WARRANTY

FLICKER FLAME GAS FIRE LOGS CARRY A LIMITED LIFETIME WARRANTY AGAINST BREAKAGE IN THE ORIGINAL FIREPLACE. THIS WARRANTY IS VOID IF BREAKAGE IS CAUSED BY EXCESSIVE HANDLING AFTER FIRING. ALL ACCESSORIES AND METAL PARTS CARRY A TWO-YEAR LIMITED WARRANTY IN THE ORIGINAL FIREPLACE.

HARGR

SETTING UP YOUR
FLICKER FLAME GAS LOGS

STEP ONE: REMOVE ALL PARTS FROM SHIPPING CONTAINER.
YOUR SET INCLUDES ALL THE FOLLOWING PARTS:

PART NUMBER BY SETS:

	<u>16" & 18" SET</u>	<u>24" SET</u>	<u>28" & 30" SET</u>
1. PEDESTAL GRATE	PG-16	PG-20	PG-25
2. EMBER BURNER	EB-12	EB-16	EB-20
3. ALUMINUM CONNECTOR	AC-18	AC-18	AC-18
4. FIRE EMBERS	EM-1	EM-1	EM-1
5. SILICA SAND	SD-1	SD-1	SD-1x
6. VOLCANIC CINDERS	VC-1	VC-1	VC-1
7. FIRE LOGS	5 EA.	6 EA.	7 EA.
8. DAMPER STOP	DS	DS	DS

REPLACEMENT PARTS CAN BE ORDERED THROUGH YOUR RETAIL OUTLET. IF YOUR SET WAS ORDERED WITH A SAFETY PILOT CONTROL (SPC), THE UNIT WILL BE MOUNTED ON THE RIGHT SIDE OF THE EMBER BURNER. WITHOUT THE SPC, THE GAS SUPPLY IS CONNECTED TO THE EMBER BURNER. ALL OTHER SET UP PROCEDURES ARE THE SAME.

STEP TWO: INSTALL DAMPER STOP. PLACE DAMPER STOP OVER METAL LIP AT THE BASE OF THE FLUE OPENING. TIGHTEN 1 1/4" BOLT UNTIL SNUG. --SEE FIG. A-- IF THE DAMPER STOP FURNISHED DOES NOT FIT, THE INSTALLER SHALL INSTALL A PERMANENT DAMPER STOP THAT WILL KEEP THE DAMPER OPEN A MINIMUM OF 3".

STEP THREE: OPEN FLUE DAMPER. PLACE GRATE TO THE REAR OF THE FIREPLACE. EMBER BURNER SHOULD BE PLACED SO THE BURNER PIPE IS DIRECTLY BEHIND THE FRONT LEGS OF THE GRATE. (SEE FIG. B)

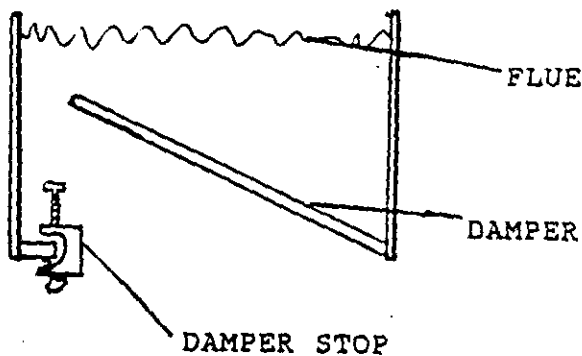


FIGURE 'A'

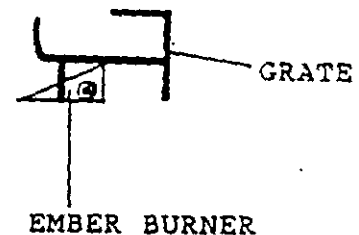


FIGURE 'B'

STEP FOUR: REMOVE GRATE. CONNECT GAS SUPPLY TO EMBER BURNER (OR SPC IF PROVIDED) USING ALUMINUM CONNECTOR PROVIDED. (SEE FIG. C) TURN GAS ON AND LIGHT TO ASSURE EVEN FLAME IN EMBER BURNER. SHUT GAS OFF.

STEP FIVE: POUR WHITE SILICA SAND EVENLY OVER PIPE IN EMBER BURNER. PLACE FIRE EMBERS IN A THIN LAYER OVER THE BED OF SAND. --SEE FIG. D-- PLACE VOLCANIC CINDER ON FIREBOX FLOOR FOR FINISHED LOOK.

STEP SIX: REPLACE GRATE. POSITION LOGS ON THE GRATE ---SEE FIG E---
1) LONGEST LOG GOES IN FRONT
2) NEXT LONGEST LOG GOES IN BACK.
3) REMAINING LOGS ARE ARRANGED ON TOP

STEP SEVEN: LIGHT YOUR FLICKER FLAME GAS LOG SET ACCORDING TO THE LIGHTING INSTRUCTIONS. ENJOY MANY YEARS OF A WARM ROMANTIC FIRE.

FIGURE 'C'

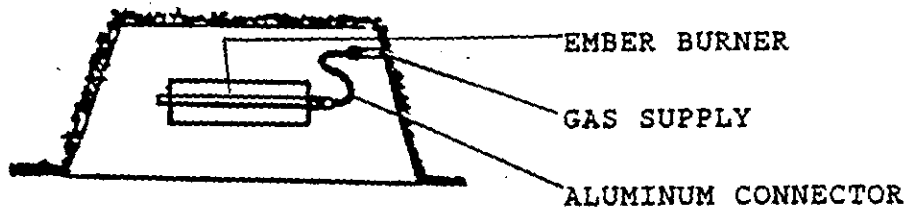
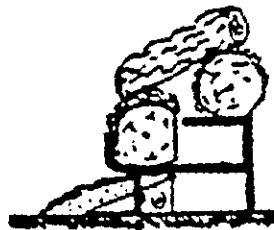


FIGURE 'D'



FIGURE 'E'



SIDE VIEW