



DIRECT VENT FLARE RD-50-H

FLARE FRAMELESS MODERN ROOM DEFINER FIREPLACE

(SS) Safety Screen / (DG) Double Glass

SUBJECT	DETAILS								
Gas Type	Natural Gas (NG) or Liquid Propane (LP)								
Safety Standard	CSA File # 263124 - ANSI Z21.88 - CSA 2.33								
Operation	Mertix GV60	Honeywell		SIT					
Electrical Requirements	110 Volts, 15 Amps (DEDICATED POWER RECOMMENDED)								
Glass Height	24"								
Optional RGB LED System	Optional Multi-Colored Interior RGB LED Lighting System								
Optional Power Vent System	End-Of-Line Vertical	End-Of-Line Horizontal		<u>Inline</u>					
Optional Double Glass	Optional Cooler Touch Double Glass								
\\\a`-h+	IN CRATE			NO CRATE					
Weight	351 (SS) / 384 lbs (DG)			265 (SS) / 291 lbs (DG)					
Cool Wall Tech	Allows for TV or art above your Flare								
Burners	Multi-Row Stainless Steel Burner								
Interior Media Options	FIRE GLASS 1/2" & 1/4"	CERAMIC LOGS		<u>EMBERS</u>					
	FIRE BEADS	CERAMIC BRANCHES		CERAMIC STONES					
	ZIRCON DIAMONDS	CERAMIC BIRCHWOOD		CERAMIC STONE BALLS					

Product Specifications

- The Flare Fireplace is certified for use with either Natural Gas (NG) or Propane (LP)
- The Flare Fireplace operates with a direct vent, balanced flue system. A direct vent gas fireplace is room-sealed using ceramic glass.
- The Flare Fireplace use's double pipe vent flue to pull in fresh air from outside & release exhaust gases to the outside. Clearances to combustible materials MUST be maintained. Refer to <u>Installation Manual</u> for clearance distances.
- The Flare Fireplace must be properly connected to a venting system.
- The Flare Fireplace must be installed according to requirements as presented in the <u>Installation Manual</u>, as well as complying with all local codes. If no codes exist, then the current CSA installation code must be followed.





Parts Included:

- Flare Fireplace
- Ceramic Glass Panel(s)
- Invisible Mesh Safety Screen
- Option of "Classic" Media
- Complete Electronic ignition Pilot Assembly
- Spare Parts Kit
- Adjustable Telescopic Legs & Mounting Brackets
- AC Power Supply, Remote Control, & Wall Switch

Optional Features & Accessories:

- Reflective Black Ceramic Back
- Summer Kit Heat Control System
- Home Automation Integration (3rd Party Support Only)
- Battery Backup (Screen Units Only)

Approved Venting Specification:

- <u>DuraVent</u>
- ICC

• Natural Draft Pipe Size: 5x8

• Power Vented Pipe Size: 3x5

Gas Pressure & Power Output

NG EFFICIENCY 78% | LP EFFICIENCY 82%

GV-60												
GAS INLET PRESSURE		MANIFOLD	MAX BTU	ORIFICE SIZE			BURNER SIZE (inches)					
MIN.	MAX.	PRESSURE	INPUT	Burner 1	Burner 2	Burner 3	Burner 1	Burner 2	Burner 3			
7.0 " WC	8.0 " WC	4.9	47,000	0	1200	0	40	0	0			
10.0 " WC	11.0 " WC	10.44	35,100	0	380	0	40					
SIT												
INLET PR	ESSURE	MANIFOLD	MAX BTU	ORIFICE SIZE			BU	BURNER SIZE (inches)				
MIN.	MAX.	PRESSURE	INPUT	Burner 1	Burner 2	Burner 3	Burner 1	Burner 2	Burner 3			
7.2 " WC	8.2 " WC	3.5	47,000	0	1300	0	40	0	0			
10.0 " WC	11.0 " WC	9.5	35,200	0	420	0	40					
HONEYWELL												
INLET PR	ESSURE	MANIFOLD	MAX BTU	ORIFICE SIZE		BURNER SIZE (inches)						
MIN.	MAX.	PRESSURE	INPUT	Burner 1	Burner 2	Burner 3	Burner 1	Burner 2	Burner 3			
7.0 " WC	8.0 " WC	4.42	47,000	0	1200	0	40	0	0			
10.0 " WC	11.0 " WC	9.84	35,100	0	380	0	40					
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