

DIRECT VENT FLARE COMMERCIAL ST-50-EH

FLARE FRAMELESS MODERN COMMERCIAL SEE THROUGH 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	30"		
Optional RGB LED System	Optional Multi-Colored Interior RGB LED Lighting System		
Optional Power Vent System	End-Of-Line Vertical	End-Of-Line Horizontal	Inline
Optional Double Glass	Optional Cooler Touch Double Glass		
Weight	IN CRATE		NO CRATE
	Not Available (SS) / 408 lbs (DG)		Not Available (SS) / 328 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	EMBERS
	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 [Installation Manual](#) 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 [Installation Manual](#), 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:

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

For more information on Flare or our amazing features please visit: <https://www.flarefireplaces.com>