

## DIRECT VENT FLARE ST-100-EH

FLARE FRAMELESS MODERN SEE THROUGH FIREPLACES  
(SS) SAFETY SCREEN / (DG) DOUBLE GLASS

SUBJECT	DETAILS		
Type of Gas	Natural Gas (NG) or Liquid Propane (LP)		
Safety Standard	CSA	CSA file # 263124 – ANSI Z21.88 – CSA 2.33	
Operation	Mertix GV60 Combainiton Gas Valve / Honeywell Electronic Ignition		
Electrical Requirements	110 volts, 15 amps (Dedicated Breaker Recommended)		
Glass Heights	N/A	N/A	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
Double Glass	Optional Cool Touch Double Glass		
Weight	IN CRATE (LB)		NO CRATE (LB)
	694 LB (SS) / 758 LB (DG)		556 LB (SS) / 606 LB (DG)
Cool Wall Technology	Allows for TV or art above your Flare		
Burners	Triple 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 STONE BALLS	CERAMIC DRIFTWOOD

## Product Specifications

The fireplace has been certified for use with either Natural Gas (NG) or Propane (LP).

The fireplace operates with a direct vent, balanced flue system. A direct vent gas fireplace is room-sealed using a ceramic glass. The fireplace use's double pipe vent flue to pull air from outside & release exhaust gases to the outside. Clearances to combustible materials MUST be maintained. Refer to [Installation Manual](#) for clearance distances.

The fireplace must be properly connected to a venting system. The Fireplace must be installed according to Flare Fireplaces requirements as presented in Installation Manual, as well as complying with all local codes that exist. If no codes exist, then the current CSA installation code must be followed.

## Gas Pressure & Power Output

MODELS	GAS	INLET PRESSURES		MANIFOLD PRESSURES	HEAT OUTPUT		ORIFICE SIZE			BURNER SIZE		
		MIN.	MAX.	W.C	MIN.	MAX.	Burner 1	Burner 2	Burner 3	Burner 1	Burner 2	Burner 3
ST-100-EH	(NG)	7.0" WC	8.0" WC	4WC	32500	60000	550	1200	550	22"	40"	22"
ST-100-EH	(LP)	10" WC	11" WC	7.4 WC	25500	60000	180	380	180			

## Parts Included

- Flare Fireplace
- Ceramic Glass Panel(s)
- Invisible Mesh Safety Screen (Ships Standard, But Can Be Upgraded to Double Glass)
- One Choice from Our Classic Media Selection to Fill Up Your Fireplace
- Spark/Pilot/Thermal Coupling Unit
- Spare Parts Kit
- Adjustable Telescopic Legs & Mounting Brackets
- AC Power Supply

## Optional Features & Accessories

- Black Ceramic Back
- Summer Kit Heat Transfer System
- Home Automation Integration
- Wi-Fi Connectivity (MyFire Smart App)
- Battery Backup (SCREEN UNIT ONLY)

For more information on Flare or our amazing features please visit:

<https://www.flarefireplaces.com>

## Approved Venting Specification

- [DuraVent](#)
- [ICC](#)
- Size: **5X8 Concentric Pipe**