

## DIRECT VENT FLARE COMMERCIAL ST-80-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	<a href="#">CSA File # 263124 - ANSI Z21.88 - CSA 2.33</a>		
Operation	Mertix GV60	Honeywell	SIT
Electrical Requirements	110 Volts, 15 Amps (DEDICATED POWER RECOMMENDED)		
Glass Height	30"		
Optional RGB LED System	<a href="#">Optional Multi-Colored Interior RGB LED Lighting System</a>		
Optional Power Vent System	<a href="#">End-Of-Line Vertical</a>	<a href="#">End-Of-Line Horizontal</a>	<a href="#">Inline</a>
Optional Double Glass	<a href="#">Optional Cooler Touch Double Glass</a>		
Weight	IN CRATE		NO CRATE
	Not Available (SS) / 624 lbs (DG)		Not Available (SS) / 500 lbs (DG)
Cool Wall Tech	Allows for TV or art above your Flare		
Burners	Multi-Row Stainless Steel Burner		
Interior Media Options	<a href="#">FIRE GLASS 1/2" &amp; 1/4"</a>	<a href="#">CERAMIC LOGS</a>	<a href="#">EMBERS</a>
	<a href="#">FIRE BEADS</a>	<a href="#">CERAMIC BRANCHES</a>	<a href="#">CERAMIC STONES</a>
	<a href="#">ZIRCON DIAMONDS</a>	<a href="#">CERAMIC BIRCHWOOD</a>	<a href="#">CERAMIC STONE BALLS</a>

### 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 82% | LP EFFICIENCY 80%

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	3.09	55,700	480	1200	480	14	40	14
LP	10.0 " WC	11.0 " WC	6.38	46,000	160	380	160			
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	55,000	420	1000	420	14	40	14
LP	10.0 " WC	11.0 " WC	9.5	49,000	140	320	140			
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	2.61	55,700	480	1200	480	14	40	14
LP	10.0 " WC	11.0 " WC	5.46	46,000	160	380	160			

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