DIRECT VENT FLARE-ST-80-R

FLARE FRAMELESS MODERN SEE-THROUGH FIREPLACE

SKU: DVST80R

Item	Details			
Gas Type Options	**Standard:** Natural Gas (NG)		**Optional:** Liquid Propane (LP)	
Safety Standards	CSA File # 263124 - ANSI Z21.88 - CSA 2.33			
Gas Valve System	SIT Proflame II			
Electrical	110 Volts, 15 Amps (Dedicated Circuit Recommended)			
Glass Height	16"			
Safety Barrier	**Standard:** Safety Screen - SS		**Upgrade:** Double Glass - DG	
Weights	**In Crate**		**No Crate**	
	507 lbs. (SS)	556 lbs. (DG)	463 lbs. (SS)	485 lbs. (DG)
Included Features	Power Supply, Wall Switch, Remote, Option of Classic Media			
Cool Wall Tech	Allows television or art piece 12" above fireplace opening			
Heat Output Options	**Standard:** Free Flow	**Upgrade:** Passive Flex		**Upgrade:** Active Flex
Burner	**Standard:** Advanced 3D Multi-Row Burner		**Upgrade:** Elevated Summit Burner	
Optional Features	Double Glass	Reflective Back & Sides	Summer Kits	Features Page
	RGB LEDs	Outdoor Kit	Power Vents	
Interior Media	Flare Fireplace Media Options			

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 uses 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
- Spare Parts Kit
- Telescopic Legs & Mounting Brackets
- AC Power Supply, Remote, & Wall Switch

OPTIONAL FEATURES:

- Double Glass Safety Barrier
- Reflective Black Ceramic Glass Back & Sides
- Summer Kit Heat Control System
- Home Automation (3rd Party Support Only)
- Battery Backup (Screen Units Only)

APPROVED VENTING:

- DuraVent
- ICC
- Natural Draft Pipe Size: 5x8
- Power Vented Pipe Size: 3x5

GAS PRESSURE & POWER OUTPUT — NG EFFICIENCY 82% | LP EFFICIENCY 78%

SIT											
GAS TYPE	INLET PRESSURE		MANIFOLD PRESSURE	MAX BTU INPUT	ORIFICE SIZE			BURNER SIZE			
	MIN	MAX			LEFT BURNER	CENTER BURNER	RIGHT BURNER	LEFT BURNER	CENTER BURNER	RIGHT BURNER	
NG	7.0" WC	8.0" 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 (LEGACY)											
GAS TYPE	INLET PRESSURE		MANIFOLD PRESSURE	MAX BTU INPUT	ORIFICE SIZE			BURNER SIZE			
	MIN	MAX			LEFT BURNER	CENTER BURNER	RIGHT BURNER	LEFT BURNER	CENTER BURNER	RIGHT BURNER	
NG	7.0" WC	8.0" WC	2.6	55,700	480	1200	480	14"	40"	14"	
LP	10.0" WC	11.0" WC	5.5	46,000	160	380	160				
GV60 (LEGACY)											
GAS TYPE	INLET PRESSURE		MANIFOLD PRESSURE	MAX BTU INPUT	ORIFICE SIZE			BURNER SIZE			
	MIN	MAX			LEFT BURNER	CENTER BURNER	RIGHT BURNER	LEFT BURNER	CENTER BURNER	RIGHT BURNER	
NG	7.0" WC	8.0" WC	3.1	55,700	480	1200	480	14"	40"	14"	
LP	10.0" WC	11.0" WC	6.4	46,000	160	380	160				

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SIT - Summit Burner											
GAS TYPE	INLET PRESSURE		MANIFOLD PRESSURE	MAX BTU INPUT	ORIFICE SIZE						
	MIN	MAX			Burner 1	Burner 2	Burner 3	Burner 4	Burner 5	Burner 6	
NG	7.0" WC	8.0" WC	3.5	55,000	350	350	380	380	350		
LP	10.0" WC	11.0" WC	9.5	49,000	90	90	140	140	90		
Summit Logs					Log 1	Log 2	Log 3	Log 4	Log 5	Log 6	
					S47	S47	S57	S57	Y47		

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