

DIRECT VENT FLARE RD-100-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 | Inline |
| Optional Double Glass | Optional Cooler Touch Double Glass | | |
| Weight | IN CRATE | | NO CRATE |
| | 655 (SS) / 717 lbs (DG) | | 492 (SS) / 538 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 82% | LP EFFICIENCY 78%

| 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 | 3.81 | 60,000 | 550 | 1200 | 550 | 22 | 40 | 22 |
| LP | 10.0 " WC | 11.0 " WC | 7.43 | 60,000 | 180 | 380 | 180 | | | |
| 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 | 60,000 | 480 | 1100 | 480 | 22 | 40 | 22 |
| LP | 10.0 " WC | 11.0 " WC | 9.5 | 60,000 | 160 | 380 | 160 | | | |
| 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 | 3.09 | 60,000 | 550 | 1200 | 550 | 22 | 40 | 22 |
| LP | 10.0 " WC | 11.0 " WC | 7.87 | 60,000 | 180 | 380 | 180 | | | |

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