

## DIRECT VENT FLARE RD-80

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            | <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               | 16"   |  |                                     |
| 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                            |
|                            | 507 (SS) / 556 lbs (DG)   |  | 406 (SS) / 443 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 (**New & Existing**)
- Wi-Fi Connectivity (**myfire Smart App**)
- Battery Backup (**Screen Units Only**)

**Approved Venting Specification:**

- [DuraVent](#)
- [ICC](#)
- Natural Draft Pipe Size: 5x8
- Power Vented Pipe Size: 3x5

**Gas Pressure & Power Output**

| GV-60     |                |           |                   |                |              |          |          |                      |          |          |
|-----------|----------------|-----------|-------------------|----------------|--------------|----------|----------|----------------------|----------|----------|
| GAS       | INLET PRESSURE |           | MANIFOLD PRESSURE | MAX BTU OUTPUT | 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 OUTPUT | 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 OUTPUT | 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>