## DIRECT VENT FLARE FF-80-EH

**FLARE FRAMELESS MODERN FRONT FACING FIREPLACE**

(SS) Safety Screen / (DG) Double Glass

### SUBJECT | DETAILS
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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 | 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
Optional Double Glass | Optional Cooler Touch Double Glass
Weight | 571 (SS) / 624 lbs (DG), 459 (SS) / 500 lbs (DG)
Cool Wall Tech | Allows for TV or art above your Flare
Burners | Multi-Row Stainless Steel Burner

### Interior Media Options

<table>
<thead>
<tr>
<th></th>
<th>FIRE GLASS 1/2&quot; &amp; 1/4&quot;</th>
<th>CERAMIC LOGS</th>
<th>EMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FIRE BEADS</td>
<td>CERAMIC BRANCHES</td>
<td>CERAMIC STONES</td>
</tr>
<tr>
<td></td>
<td>ZIRCON DIAMONDS</td>
<td>CERAMIC BIRCHWOOD</td>
<td>CERAMIC STONE BALLS</td>
</tr>
</tbody>
</table>

### 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](https://www.duravent.com)
- [ICC](https://www.icc-ibs.org)
- Natural Draft Pipe Size: 5x8
- Power Vented Pipe Size: 3x5

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**Gas Pressure & Power Output**

<table>
<thead>
<tr>
<th>GAS</th>
<th>INLET PRESSURE</th>
<th>MANIFOLD PRESSURE</th>
<th>MAX BTU INPUT</th>
<th>ORIFICE SIZE</th>
<th>BURNER SIZE (inches)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>MIN.</td>
<td>MAX.</td>
<td></td>
<td>Burner 1</td>
<td>Burner 2</td>
</tr>
<tr>
<td>NG</td>
<td>7.0 &quot; WC</td>
<td>8.0 &quot; WC</td>
<td>3.09</td>
<td>480</td>
<td>1200</td>
</tr>
<tr>
<td>LP</td>
<td>10.0 &quot; WC</td>
<td>11.0 &quot; WC</td>
<td>6.38</td>
<td>160</td>
<td>380</td>
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</table>

**SIT**

<table>
<thead>
<tr>
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<th>MANIFOLD PRESSURE</th>
<th>MAX BTU INPUT</th>
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<td>Burner 1</td>
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</tr>
<tr>
<td>NG</td>
<td>7.2 &quot; WC</td>
<td>8.2 &quot; WC</td>
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<td>420</td>
<td>1000</td>
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<td>LP</td>
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<td>11.0 &quot; WC</td>
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<td>140</td>
<td>320</td>
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**HONEYWELL**

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<td>MAX.</td>
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</tr>
<tr>
<td>NG</td>
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<td>8.0 &quot; WC</td>
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<td>1200</td>
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<tr>
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<td>11.0 &quot; WC</td>
<td>5.46</td>
<td>160</td>
<td>380</td>
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For more information on Flare or our amazing features please visit: [https://www.flarefireplaces.com](https://www.flarefireplaces.com)