# DIRECT VENT FLARE LC-80

**FLARE FRAMELESS MODERN LEFT CORNER 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 | 16" (includes frameless glass)
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
| 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 | FIRE GLASS 1/2" & 1/4" / CERAMIC LOGS / EMBERS
| FIRE BEADS / CERAMIC BRANCHES / CERAMIC STONES
| ZIRCON DIAMNDOS / 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

<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>
</thead>
<tbody>
<tr>
<td>NG</td>
<td>7.0 &quot; WC</td>
<td>8.0 &quot; WC</td>
<td>3.09</td>
<td>55,700</td>
<td>Burner 1: 480, Burner 2: 1200, Burner 3: 480</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
<td>Burner 1: 480, Burner 2: 1200, Burner 3: 480</td>
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<tr>
<td></td>
<td>10.0 &quot; WC</td>
<td>11.0 &quot; WC</td>
<td>6.38</td>
<td>46,000</td>
<td>Burner 1: 160, Burner 2: 380, Burner 3: 160</td>
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</tbody>
</table>

**SIT**

<table>
<thead>
<tr>
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<th>BURNER SIZE (inches)</th>
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<tbody>
<tr>
<td>NG</td>
<td>7.2 &quot; WC</td>
<td>8.2 &quot; WC</td>
<td>3.5</td>
<td>55,000</td>
<td>Burner 1: 420, Burner 2: 1000, Burner 3: 420</td>
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<tr>
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<td>14</td>
<td>Burner 1: 420, Burner 2: 1000, Burner 3: 420</td>
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<tr>
<td></td>
<td>10.0 &quot; WC</td>
<td>11.0 &quot; WC</td>
<td>9.5</td>
<td>49,000</td>
<td>Burner 1: 140, Burner 2: 320, Burner 3: 140</td>
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<td></td>
<td></td>
<td>14</td>
<td>Burner 1: 140, Burner 2: 320, Burner 3: 140</td>
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**HONEYWELL**

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<tr>
<th>GAS</th>
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<th>MAX BTU INPUT</th>
<th>ORIFICE SIZE</th>
<th>BURNER SIZE (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NG</td>
<td>7.0 &quot; WC</td>
<td>8.0 &quot; WC</td>
<td>2.61</td>
<td>55,700</td>
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<td></td>
<td>14</td>
<td>Burner 1: 480, Burner 2: 1200, Burner 3: 480</td>
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<tr>
<td></td>
<td>10.0 &quot; WC</td>
<td>11.0 &quot; WC</td>
<td>5.46</td>
<td>46,000</td>
<td>Burner 1: 160, Burner 2: 380, Burner 3: 160</td>
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</tbody>
</table>

For more information on Flare or our amazing features please visit: [https://www.flarefireplaces.com](https://www.flarefireplaces.com)