SECTION 10 31 00

MANUFACTURED FIREPLACES

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* DaVinci Custom Fireplaces - a division of Travis Industries; Manufacturer ARCAT Short Description.  
This section is based on the products of DaVinci Custom Fireplaces - a division of Travis Industries, which is located at:  
12521 Harbour Reach Dr.  
Mukilteo, WA 98275  
Toll Free Tel: 800-654-1177  
Tel: 425-609-2500  
Fax: 425-609-2781  
Email: [request info (b.barber@travisindustries.com)](https://arcat.com/rfi?action=email&company=DaVinci%252BCustom%252BFireplaces%252B-%252Ba%252Bdivision%252Bof%252BTravis%252BIndustries&message=RE%253A%2520Spec%2520Question%2520(10305dcf)%253A%2520&coid=49714&spec=10305dcf&rep=&fax=425-609-2781)  
Web: <https://www.davincifireplace.com>   
 [ [Click Here](https://arcat.com/company/davinci-custom-fireplaces-a-division-of-travis-industries-49714) ] for additional information.  
Fireplace Xtrordinair, Tempest Torch and DaVinci Custom Fireplaces are open for business during this time.  
We offer our valued community of architects and specifiers all the service they may need through these unprecedented times. Visit https://firebuilder.travisindustries.com FireBuilder to design the fireplace of your dreams, or call us today to attend one of our Virtual AIA Lunch & Learns from the comfort of your home!  
Give us a call at 1-800-654-1177. We are available Monday through Friday from 8:00 am - 4:00 pm (PST).  
DaVinci is a fusion of fire and iconic, contemporary design - The epitome of the perfect decorative, non-heating custom gas fireplace in all areas of design, innovation, and functionality. With DaVinci, there are no design limitations.  
The breathtaking beauty and style of a DaVinci Custom Fireplace will create a dramatic focal point in any room. A sleek, contemporary profile features an all-glass viewing area that surrounds a ribbon of rich, dancing flames. DaVinci's signature fire presentation draws you in with its striking presence of mesmerizing flames over a bed of Platinum reflective crushed glass with adjustable vibrant multi-color LED lighting.

1. GENERAL
   1. SECTION INCLUDES
      1. Premium Traditional Gas Fireplaces.
      2. Premium Linear Gas Fireplaces.
   2. RELATED SECTIONS
      1. Section 06 10 00 - Rough Carpentry.
      2. Section 09 28 13 - Cementitious Backing Boards.
      3. Section 22 11 13 - Facility Water Distribution Piping.
      4. Section 26 05 00 - Common Work Results for Electrical.
   3. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. American National Standards Institute (ANSI):
       1. ANSI Z21.44 - Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces.
       2. ANSI Z21.50b - Vented Gas Fireplaces.
       3. ANSI Z21.88 - Vented Gas Fireplace Heaters.
       4. ANSI Z7223.1 - National Fuel Gas Code.
    2. Canadian Standards Association (CSA):
       1. CSA 2.22b - Vented Gas Fireplaces.
       2. CSA 2.33 - Vented Gas Fireplace Heaters.
    3. Underwriters Laboratories (UL):
       1. UL 127 - Standard for Factory-Built Fireplaces.
       2. UL 907 - Standard for Fireplace Accessories.
       3. UL 1482 - Standard for Safety for Solid-Fuel Type Room Heaters.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Typical installation methods.
  2. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum of five years documented experience.
     2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
     3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.
  3. DELIVERY, STORAGE, AND HANDLING
     1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
     2. Store products in manufacturer's unopened packaging until ready for installation.
     3. Store products in covered area and protect from damage due to weather, excessive temperature, and construction operations.
  4. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
  5. WARRANTY
     1. Manufacturer's Standard Limited Warranty: Products free from defects in material and workmanship for seven years maximum from the date of purchase. All parts, electronics (except light bulbs), and labor are covered for a period of two years. Trims and faces are covered for a period of two years.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: DaVinci Custom Fireplaces - a division of Travis Industries, which is located at:  
         12521 Harbour Reach Dr.  
         Mukilteo, WA 98275  
         Toll Free Tel: 800-654-1177  
         Tel: 425-609-2500  
         Fax: 425-609-2781  
         Email: [request info (b.barber@travisindustries.com)](https://arcat.com/rfi?action=email&company=DaVinci%252BCustom%252BFireplaces%252B-%252Ba%252Bdivision%252Bof%252BTravis%252BIndustries&message=RE%253A%2520Spec%2520Question%2520(10305dcf)%253A%2520&coid=49714&spec=10305dcf&rep=&fax=425-609-2781);Web: <https://www.davincifireplace.com>
      2. Substitutions: Not permitted.
   2. PREMIUM TRADITIONAL GAS FIREPLACES
      1. Model 564 TRV 25K Deluxe.
         1. Product Description.
            1. Model Type: Medium.
            2. Dimensions (HxWxD): 37 (including standoffs) x 37-1/4 x 17-1/4 inches (940 x 946 x 438 mm).
            3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
            4. Direct Vent Top Vent: Yes.
            5. Direct Vent Rear Vent: Yes.
            6. Weight: 155 lbs (70.3 kg).
            7. Glass Viewing Area: 479.8 square inches (0.310 sq m).
         2. Performance.
            1. Heating Capacity: 1,250 sq ft (116 sq m).
            2. BTU Input High to Low (Natural Gas): 25,000 - 7,500.
            3. BTU Input High to Low (Liquid Propane): 25,000 - 6,500.
            4. Turndown Ratio: 70 percent Natural Gas; 74 percent Liquid Propane.
            5. Canadian EnerGuide P4 Efficiency: 70.28 percent Natural Gas; 71.10 percent Liquid Propane.
            6. Steady State Efficiency High (Up to): 79.67 percent Natural Gas; 80.16 percent Liquid Propane.
            7. Annual Fuel Utilization Efficiency (AFUE): 68.10 percent Natural Gas; 72.10 percent Liquid Propane.
         3. Features.
            1. Comfort Control: Yes.
            2. Burner Type: Ember-Fyre II.
            3. Convection Fan: 180 CFM.
            4. Accent Lights: Overhead.
            5. Ember Bed Lighting: Ember-Glo.
            6. Cool Smart TV All Option: Yes.
            7. Power Exhaust Vent Option: Yes.
            8. GreenSmart Remote Control: Yes.
         4. Design Requirements.
            1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Designer Face.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Artisan, Charcoal Painted.

Basic Grills, Black Painted.

Basic Louvers, Black Painted.

Classic Arch, Black Painted.

French Country, Black Painted.

Ironworks, Charcoal Painted.

Metalsmith, Charcoal Painted.

Metropolitan, Black Painted.

Mission Grills, Black Painted.

Rectangular Double Door, Black Painted.

Timberline, Charcoal Painted.

* + 1. Model 564 TRV 25K Clean Face Deluxe.
       1. Product Description.
          1. Model Type: Medium.
          2. Dimensions (HxWxD): 37 (including standoffs) x 38-1/4 x 19-1/8 inches (940 x 972 x 486 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Yes.
          6. Weight: 155 lbs (70.3 kg).
          7. Glass Viewing Area: 479.8 square inches (0.310 sq m).
       2. Performance.
          1. Heating Capacity: 1,250 sq ft (116 sq m).
          2. BTU Input High to Low (Natural Gas): 25,000 - 7,500.
          3. BTU Input High to Low (Liquid Propane): 25,000 - 6,500.
          4. Turndown Ratio: 70 percent Natural Gas; 74 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 70.28 percent Natural Gas; 71.10 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 79.67 percent Natural Gas; 80.16 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 68.10 percent Natural Gas; 72.10 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Decorative Trim.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Trim Kit.

Beveled Tile Trim Kit.

* + 1. Model 564 TRV 35K.
       1. Product Description.
          1. Model Type: Medium, high output.
          2. Dimensions (HxWxD): 37 (including standoffs) x 38-1/4 x 19-1/8 inches (940 x 972 x 486 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: No.
          6. Weight: 165 lbs (74.8 kg).
          7. Glass Viewing Area: 481 square inches (0.310 sq m).
       2. Performance.
          1. Heating Capacity: 1,700 sq ft (158 sq m).
          2. BTU Input High to Low (Natural Gas): 35,000 - 12,000.
          3. BTU Input High to Low (Liquid Propane): 35,000 - 7,500.
          4. Turndown Ratio: 66 percent Natural Gas; 79 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 75.07 percent Natural Gas; 75.80 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 82.77 percent Natural Gas; 84.36 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 79.00 percent Natural Gas; 79.80 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Firebacks.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Designer Faces.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Artisan, Charcoal Painted.

Basic Grills, Black Painted.

Basic Louvers, Black Painted.

Classic Arch, Black Painted.

French Country, Black Painted.

Ironworks, Charcoal Painted.

Metalsmith, Charcoal Painted.

Metropolitan, Black Painted.

Mission Grills, Black Painted.

Rectangular Double Door, Black Painted.

Timberline, Charcoal Painted.

* + 1. Model 564 TV 35K Deluxe Clean Face.
       1. Product Description.
          1. Model Type: Medium, high output.
          2. Dimensions (HxWxD): 37 (including standoffs) x 38-1/4 x 19-1/8 inches (940 x 972 x 486 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: No.
          6. Weight: 165 lbs (74.8 kg).
          7. Glass Viewing Area: 481 square inches (0.310 sq m).
       2. Performance.
          1. Heating Capacity: 1,700 sq ft (158 sq m).
          2. BTU Input High to Low (Natural Gas): 35,000 - 12,000.
          3. BTU Input High to Low (Liquid Propane): 35,000 - 7,500.
          4. Turndown Ratio: 66 percent Natural Gas; 79 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 75.07 percent Natural Gas; 75.80 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 82.77 percent Natural Gas; 84.36 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 79.00 percent Natural Gas; 79.80 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. Power Heat Duct Option: One.
          9. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Firebacks.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Decorative Trim.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Trim Kit.

Beveled Tile Trim Kit.

* + 1. Model 864 TRV 31K Deluxe.
       1. Product Description.
          1. Model Type: Large.
          2. Dimensions (HxWxD): 38-1/4 (including standoffs) x 41 x 20-3/4 inches (972 x 1041 x 527 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Yes.
          6. Weight: 205 lbs (93 kg).
          7. Glass Viewing Area: 758.8 square inches (0.490 sq m).
       2. Performance.
          1. Heating Capacity: 1,400 sq ft (130 sq m).
          2. BTU Input High to Low (Natural Gas): 31,000 - 10,000.
          3. BTU Input High to Low (Liquid Propane): 31,000 - 8,000.
          4. Turndown Ratio: 68 percent Natural Gas; 75 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 71.48 percent Natural Gas; 71.02 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 80.38 percent Natural Gas; 81.21 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 73.80 percent Natural Gas; 73.50 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Designer Face.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Basic Grills, Black Painted.

Basic Louvers, Black Painted.

Classic Arch, Black Painted.

French Country, Black Painted.

Ironworks, Charcoal Painted.

Metalsmith, Charcoal Painted.

Metropolitan, Black Painted.

Mission Grills, Black Painted.

Rectangular Double Door, Black Painted.

Timberline, Charcoal Painted.

Wilmington, Black Painted.

* + 1. Model 864 TRV 31K Clean Face Deluxe.
       1. Product Description.
          1. Model Type: Large.
          2. Dimensions (HxWxD): 38-1/4 (including standoffs) x 41 x 20-3/4 inches (972 x 1041 x 527 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Yes.
          6. Weight: 205 lbs (93 kg).
          7. Glass Viewing Area: 758.8 square inches (0.490 sq m).
       2. Performance.
          1. Heating Capacity: 1,400 sq ft (130 sq m).
          2. BTU Input High to Low (Natural Gas): 31,000 - 10,000.
          3. BTU Input High to Low (Liquid Propane): 31,000 - 8,000.
          4. Turndown Ratio: 68 percent Natural Gas; 75 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 71.48 percent Natural Gas; 71.02 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 80.38 percent Natural Gas; 81.21 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 73.80 percent Natural Gas; 73.50 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Decorative Trim.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Trim Kit.

Beveled Tile Trim Kit.

* + 1. Model 864 TV 40K Deluxe.
       1. Product Description.
          1. Model Type: Large, high output.
          2. Dimensions (HxWxD): 38-1/4 (including standoffs) x 41 x 20-3/4 inches (972 x 1041 x 527 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Not applicable.
          6. Weight: 205 lbs (93 kg).
          7. Glass Viewing Area: 758.8 square inches (0.490 sq m).
       2. Performance.
          1. Heating Capacity: 2,000 sq ft (186 sq m).
          2. BTU Input High to Low (Natural Gas): 40,000 - 11,000.
          3. BTU Input High to Low (Liquid Propane): 40,000 - 12,000.
          4. Turndown Ratio: 72 percent Natural Gas; 70 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 72.59 percent Natural Gas; 74.19 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 82.04 percent Natural Gas; 83.93 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 74.70 percent Natural Gas; 75.90 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Designer Face.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Basic Grills, Black Painted.

Basic Louvers, Black Painted.

Classic Arch, Black Painted.

French Country, Black Painted.

Ironworks, Charcoal Painted.

Metalsmith, Charcoal Painted.

Metropolitan, Black Painted.

Mission Grills, Black Painted.

Rectangular Double Door, Black Painted.

Timberline, Charcoal Painted.

Wilmington, Black Painted.

* + 1. Model 864 TV 40K Clean Face Deluxe.
       1. Product Description.
          1. Model Type: Large, high output.
          2. Dimensions (HxWxD): 38-1/4 (including standoffs) x 41 x 20-3/4 inches (972 x 1041 x 527 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Not applicable.
          6. Weight: 205 lbs (93 kg).
          7. Glass Viewing Area: 758.8 square inches (0.490 sq m).
       2. Performance.
          1. Heating Capacity: 2,000 sq ft (186 sq m).
          2. BTU Input High to Low (Natural Gas): 40,000 - 11,000.
          3. BTU Input High to Low (Liquid Propane): 40,000 - 12,000.
          4. Turndown Ratio: 72 percent Natural Gas; 70 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 72.59 percent Natural Gas; 74.19 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 82.04 percent Natural Gas; 83.93 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 74.70 percent Natural Gas; 75.90 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Black Handmade Brick.

Handmade Brick.

Herringbone Brick.

Ledgestone.

Old World Stucco.

Reversible Common Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Birch, 10-piece high definition log set.

Classic Oak, 10-piece high definition log set.

* + - * 1. Decorative Trim.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Trim Kit.

Beveled Tile Trim Kit.

* + 1. Model 4237 TV Ember-Glo Deluxe.
       1. Product Description.
          1. Model Type: Extra Large.
          2. Dimensions (HxWxD): 53-3/4 (including standoffs) x 59-1/4 x 29-1/4 inches (1365 x 1505 x 743 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Not applicable.
          6. Weight: 555 lbs (251.7 kg).
          7. Glass Viewing Area: 1,388 square inches (0.895 sq m).
       2. Performance.
          1. Heating Capacity: 3,000 sq ft (279 sq m).
          2. BTU Input High to Low (Natural Gas): 60,000 - 14,500.
          3. BTU Input High to Low (Liquid Propane): 60,000 - 13,600.
          4. Turndown Ratio: 76 percent Natural Gas; 77 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 66.99 percent Natural Gas; 68.78 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 78.15 percent Natural Gas; 80.64 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 62.20 percent Natural Gas; 62.80 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 260 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Handmade Brick.

Herringbone Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Bon-Fyre, 10-piece high definition log set.

Classic Oak, 9-piece high definition log set.

Mountain Birch, 9-piece high definition log set

* + - * 1. Double Doors.

IronWorks Double Doors.

* + 1. Model 4237 Ember-Glo TV Clean Face Deluxe.
       1. Product Description.
          1. Model Type: Extra Large.
          2. Dimensions (HxWxD): 53-3/4 (including standoffs) x 59-1/4 x 29-1/4 inches (1365 x 1505 x 743 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Not applicable.
          6. Weight: 555 lbs (251.7 kg).
          7. Glass Viewing Area: 1,388 square inches (0.895 sq m).
       2. Performance.
          1. Heating Capacity: 3,000 sq ft (279 sq m).
          2. BTU Input High to Low (Natural Gas): 60,000 - 14,500.
          3. BTU Input High to Low (Liquid Propane): 60,000 - 13,600.
          4. Turndown Ratio: 76 percent Natural Gas; 77 percent Liquid Propane.
          5. Canadian EnerGuide P4 Efficiency: 66.99 percent Natural Gas; 68.78 percent Liquid Propane.
          6. Steady State Efficiency High (Up to): 78.15 percent Natural Gas; 80.64 percent Liquid Propane.
          7. Annual Fuel Utilization Efficiency (AFUE): 62.20 percent Natural Gas; 62.80 percent Liquid Propane.
       3. Features.
          1. Comfort Control: Yes.
          2. Burner Type: Ember-Fyre II.
          3. Convection Fan: 260 CFM.
          4. Accent Lights: Overhead.
          5. Ember Bed Lighting: Ember-Glo.
          6. Cool Smart TV All Option: Yes.
          7. Power Exhaust Vent Option: Yes.
          8. GreenSmart Remote Control: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Handmade Brick.

Herringbone Brick.

Stacked Tan Brick.

* + - * 1. Log Set.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Bon-Fyre, 10-piece high definition log set.

Classic Oak, 9-piece high definition log set.

Mountain Birch, 9-piece high definition log set.

* + - * 1. Decorative Trim.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Beveled Tile Trim Kit.

2 inches (50.80 mm) Trim Kit.

Timberline Trim Kit.

* 1. PREMIUM LINEAR GAS FIREPLACES
     1. Model 4415 High Output Linear Deluxe.
        1. Product Description.
           1. Model Type: Medium, high output, linear.
           2. Dimensions (HxWxD): 60 (including standoffs) x 48-3/4 x 17 inches (1524 x 1239 x 432 mm).
           3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
           4. Direct Vent Top Vent: Yes.
           5. Direct Vent Rear Vent: Not applicable.
           6. Weight: 255 lbs (115.7 kg).
           7. Glass Viewing Area: 544 square inches (0.351 sq m).
        2. Performance.
           1. Heating Capacity: 2,100 sq ft (195 sq m).
           2. BTU Input High to Low (Natural Gas): 42,000 - 21,672.
           3. BTU Input High to Low (Liquid Propane): 42,000 - 21,413.
           4. Canadian EnerGuide P4 Efficiency: 63.41 percent Natural Gas; 64.14 percent Liquid Propane.
           5. Steady State Efficiency High (Up to): 77.08 percent Natural Gas; 77.39 percent Liquid Propane.
        3. Features.
           1. GreenSmart Remote Control: Yes.
           2. Burner Type: Diamond-Fyre.
           3. Convection Fan: 180 CFM.
           4. Accent Lights: Under Lit.
           5. Cool Smart TV All Option: Yes.
           6. Power Exhaust Vent Option: Yes.
        4. Design Requirements.
           1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Enamel.

Black Painted.

Ledgestone.

* + - * 1. Interior Floor Media.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Bronze Glass.

Cobalt Glass.

Platinum Glass.

Rock Embers.

* + - * 1. Exterior Tile Trim Kit and Face.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Tile Trim Kit.

Beveled Tile Trim Kit.

Gallery Face Black Painted.

Ironworks Bronze Trim Kit.

Ironworks Charcoal Painted Trim Kit.

* + 1. Model 6015 High Output Linear.
       1. Product Description.
          1. Model Type: Large, high output, linear.
          2. Dimensions (HxWxD): 72 (including standoffs) x 60-3/4 x 17 inches (1829 x 1645 x 432 mm).
          3. Flue Diameter: 8 inches (203.20 mm) outer diameter.
          4. Direct Vent Top Vent: Yes.
          5. Direct Vent Rear Vent: Not applicable.
          6. Weight: 350 lbs (158.8 kg).
          7. Glass Viewing Area: 751 square inches (0.485 sq m).
       2. Performance.
          1. Heating Capacity: 2,800 sq ft (260 sq m).
          2. BTU Input High to Low (Natural Gas): 56,000 - 30,273.
          3. BTU Input High to Low (Liquid Propane): 56,000 - 29,626.
          4. Canadian EnerGuide P4 Efficiency: 63.26 percent Natural Gas; 65.27 percent Liquid Propane.
          5. Steady State Efficiency High (Up to): 77.34 percent Natural Gas; 78.74 percent Liquid Propane.
       3. Features.
          1. GreenSmart Remote Control: Yes.
          2. Burner Type: Diamond-Fyre.
          3. Convection Fan: 180 CFM.
          4. Accent Lights: Under Lit.
          5. Cool Smart TV All Option: Yes.
          6. Power Exhaust Vent Option: Yes.
       4. Design Requirements.
          1. Fireback.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Enamel.

Black Painted.

Ledgestone.

* + - * 1. Interior Floor Media.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

Black Glass.

Bronze Glass.

Cobalt Glass.

Platinum Glass.

Rock Embers.

* + - * 1. Exterior Tile Trim Kit and Face.

\*\* NOTE TO SPECIFIER \*\* Select one of the following options.

No Trim.

2 inches (50.80 mm) Tile Trim Kit.

Beveled Tile Trim Kit.

Gallery Face Black Painted.

Ironworks Bronze Trim Kit.

Ironworks Charcoal Painted Trim Kit.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until the substrates have been properly constructed and prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
      3. Verify proper power supply and fuel source are available.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions, ANSI Z21.44 and the requirements of authorities having jurisdiction.
      2. Use manufacturer's guidelines for minimum clearances to combustibles, walls, and finishes.
      3. Anchor all components firmly in position for long life under hard use.
      4. Upon completion of installation, visually inspect all exposed surfaces. Touch up scratches and abrasions with touch up paint recommended by the manufacturer. Make imperfections invisible to the unaided eye from a distance of 5 feet (1.5 m).
   4. CLEANING AND PROTECTION
      1. Clean products in accordance with the manufacturer's recommendations.
      2. Protect installed products until completion of project.
      3. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION