



# MONTIGO®

## C-View Fireplaces



### Montigo offers the largest selection of Custom Fireplaces

Below you will find information to assist you in understanding the unique options available to you when specifying a Montigo C-view Fireplace. Each Montigo C-view Fireplace is an engineered system with careful evaluation given to requirements for combustion air intake locations and vent run parameters.

#### Features and Benefits:

- Available in standard viewing sizes from 3 feet to 24 feet wide and 18"-20" high
- Available in custom sizes to meet your specification
- Seven Viewing Configurations:
  - o Single sided
  - o See-through
  - o Panorama
  - o Peninsula
  - o Corner Left
  - o Corner Right
  - o Four sided (with or without corner posts)
- Indoor or Outdoor applications or BOTH! (See-Through indoor/outdoor on an external wall)
- To maximize your viewing area all units larger than 10 feet come frameless, as standard, smaller units offer frameless viewing as an option
- Select a ribbon burner or high-low burner to suit your style
- Every installation is reviewed by our design and engineering team to ensure safe and proper operation
- Multiple combustion air intake options offer greater flexibility of installation:
  - o Side Intake
  - o Single Side Intake (on units up to 10')
  - o Rear Intake
  - o Bottom Intake
  - o Front Intake
- Cool Pack feature is a standard option on all commercial applications to ensure safe cool to touch glass *(must be specified)*
- Montigo's own uniquely designed Power Vent terminations

### Montigo's COOL PACK and POWER COOL PACK

#### Increasing Safety, Reducing Liability

Montigo's COOL PACK technology, a standard option on all commercial unit applications reduces the surface temperature of the glass to less than 160 degrees F. By utilizing an inner and outer glass system with a cool air wash between, fireplaces in public spaces are no longer a liability to business owners.

Take the priority of safety to an even higher level with our POWER COOL PACK. By forcing air between the inner and outer glass the outer glass temperature can be further reduced to as low as 110 degrees F.

*(Because Montigo C-view fireplaces may also be supplied to private residences, please be sure to specify your commercial unit with the COOL PACK or POWER COOL PACK feature)*



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# **C-View Fireplaces**

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## **A Size and Shape for Every Space**

**Don't let the size and shape of your fireplace be decided for you. Montigo offers the largest selection of sizes and configurations available!**



Single Sided Model



See Through Model



Corner Left Model



Corner Right Model



4 Sided Model



Peninsula Model

*Also available in Panorama.*

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## C-View Fireplaces

### Power Venting

The C-View fireplace system is an engineered fireplace system and will require you to provide the correct vent run and available air supply information to the engineering staff of Montigo. After initial consultation Montigo will specify the correct model power vent for your project.

Montigo manufactures a variety of power vent modules as large as 5 KW. The power vent module is commonly placed on the end of the B vent terminating either vertically or horizontally on the exterior of the building. Alternatively, our inline Power Vent may be utilized for installations that will not permit a power vent module on the exterior of the building due to aesthetic concerns. Inline power vent modules are more complex to install due to the positive pressure in the pipe system after the inline power vent module. The pipe system after the power vent module must be air tight due to concerns that a leak in this pipe will permit the infiltration of flue gas by-products into the building.

All exterior power vent modules create a negative vent system alleviating concerns of leaks.

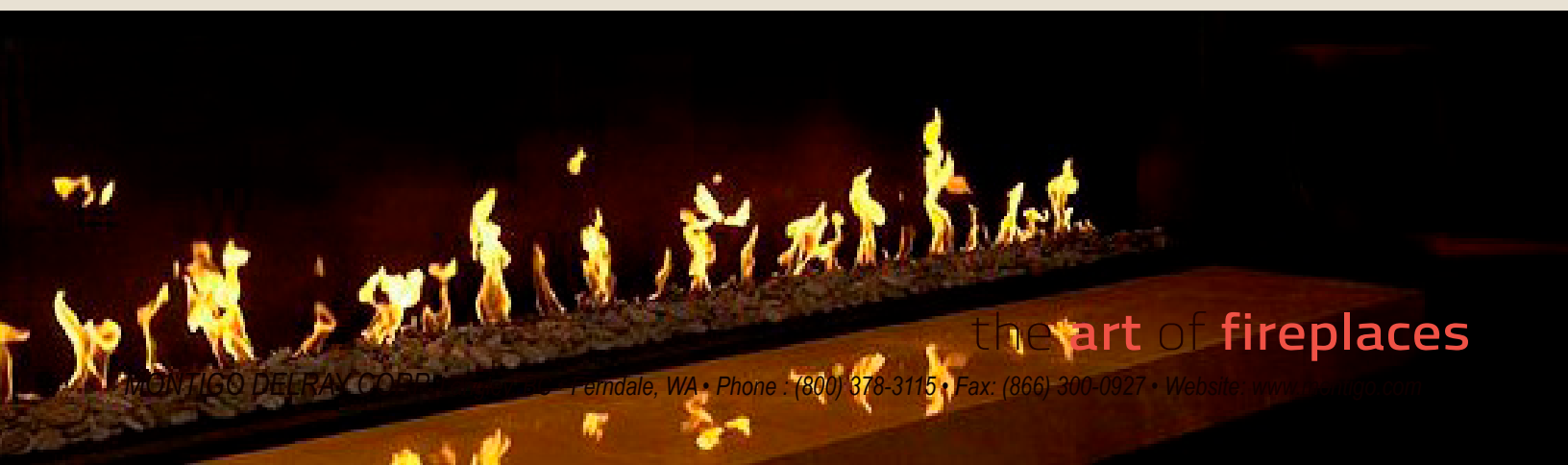
The C-View fireplace system may be installed with any UL or ULC certified B vent and is supplied locally by the installing contractor. All of the clearances to this B vent are determined as per the B Vent manufacturer's recommendations. The size of the B vent is specified on the shop drawings and may not be reduced unless Montigo's team has had the opportunity to reevaluate your system and provide you with a new shop drawing indicating a different vent connection size.

The vent run may be installed vertically or horizontally to any length and number of elbows provided this information is provided in advance of design to Montigo. Montigo evaluates this information and determines the required size for the power vent module. This takes into account total vent restrictions and thus compensates for the total pressure drop.

### Fresh Air Supply and Intake Options

Montigo's engineering and design department develops all of our units from an installation friendly perspective. The multiple options for air intake are another example of this. The intake options of side intake, single side intake (up to 10' in length), bottom intake, rear intake and front intake ensure ease of layout and installation for any unit in location. The fresh air supply for this fireplace must be connected to the pipe without reducing the air volume of the air supply. Montigo encourages the use of automated dampers particularly on the cold air supply in cold climate. This is especially important when the air is introduced to the fireplace from the top down, as cold air has the tendency to drop.

For extra long air supply ducts Montigo will recommend an increase in duct size. When transitioning the air supply from several ducts down to one, consult with your contact at Montigo and to ensure that the duct is sized to accommodate the total air flow.



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# C-View Fireplaces

## Burner Types and Flame Patterns

Montigo offers two unique options of flame pattern depending on your burner selection.



High-Low Burner



Ribbon Burner

## Less Frame, More Flame

All of our units that exceed 10 feet in length are built frameless as standard, but our frameless option is also available in smaller sizes.

Some of the additional benefits of our frameless option are:

- No interruption between your flickering flame and facing of your choice
  - The elimination of the metal frame around the door provides the largest viewing area yet
  - Removal of the glass for cleaning is faster and easier with suction cup handles provided by Montigo
  - Should your glass get damaged in any way, any local glass supplier can provide replacement glass
  - Frameless units come with the option of a decorative back panel to further accent your design
- AND...

- Our unique COOL PACK technology, which keeps the glass cool to touch performs even more efficiently in our frameless model



Frameless



With Frame

## Open Flame Units

Montigo can also supply your custom C-view unit without glass. We encourage you to carefully evaluate the surrounding area and potential of injury to the public when considering this option. Should you decide to purchase an open face unit, additional consideration must be given to the fresh air supply to ensure adequate combustion air is brought in to the space to replace that which is consumed by the fireplace. This information again, must be provided Montigo in advance of design and selection of components.

## Specifications

Montigo's design team works closely with Architects and Designers day after day assisting with developing specifications, providing CAD drawings and producing submittals. If you don't see exactly what you are looking for here, please give us a call! We look forward to working with you to create the perfect fireplace for your beautiful space.

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