



Empire Comfort Systems

the vail series



vent-free gas fireplaces

Surround Yourself With Comfort

Warm Up To The World Of White Mountain

Invite comfort, natural beauty and ambiance into your home with the distinctive flare of White Mountain Hearth, the comprehensive line of fireplace and hearth products from ECS, Empire Comfort Systems. For more than three-quarters of a century, we have been designing and building quality heating products to last a lifetime. From natural realism to superior technology, White Mountain Hearth creates a world of comfort that will warm your hearth, your heart and your home.

The Vail Vent-Free Gas Fireplaces

The vent-free gas fireplaces in our Vail Series offer just the right combination of ambiance, efficiency and convenience – not to mention unmistakable comfort. Design-certified by the American National Standards Institute and zero clearance certified, each model offers 99% fuel efficiency. Requiring absolutely no ventilation to the outside, the fireplace installs easily on any wall and operates by drawing in the room's existing air, then heating and re-circulating the warmer air back into the room for maximum comfort. Our modulating hydraulic thermostat models regulate the temperature, and the millivolt models are thermostat and remote-capable. For maximum safety, the pilot light on each model is equipped with an oxygen depletion sensor and an automatic shut-off valve.

The Vail 20

You can warm up to the comforts of the Vail 20 in virtually any room in your home. The modulating hydraulic thermostat model ships as a 20,000 Btu fireplace that's large enough to be enjoyed in any great room or family room. Or, choose to convert the unit into a 10,000 Btu fireplace that's suitable for use in a bedroom (where allowed by code). The millivolt model is 20,000 Btus and offers a variety of control accessories. The optional automatic blower maximizes heat distribution, and the ceramic brick liner accessory adds the look of real masonry. Standard equipment includes flat black louvers and a polished brass frame.



Vail 20 with Oak Cabinet Mantel, Oak Base and Ceramic Brick Liner



Vail 32 with White Mantel and Base, Custom Designed with Polished Brass Louvers, Frame and 2" Hood

The Vail 32

The Vail Series also includes a 30,000 Btu model. It is available as a modulating hydraulic thermostat model or as a millivolt model that is remote-capable with five optional control accessories available. It can be ordered with a single or variable speed automatic blower installed and offers many stylish design options. Choose from the standard black back wall or add the look of real masonry with optional brick liners. The frame, louvers and hood come in flat black and can be upgraded to high gloss black, polished brass or brushed stainless steel.

The Vail 36

The Vail 36 is a powerful 36,000 Btu fireplace. It is available as a modulating hydraulic thermostat unit or as a millivolt model that is remote capable. Five optional control accessories are available for the millivolt unit. Vail 36 models can also be ordered with a single or variable speed blower installed. Standard equipment includes louvers, frame and a hood in flat black. Many design options including ceramic brick liners and frames, louvers and hoods in high gloss black or polished brass upgrade the look of your fireplace.



Vail 36 Custom Installed and Designed Vail 36 with Optional Polished Brass Louvers, Frame, 2" Hood and Ceramic Brick Liner

More Flames and More Appeal

The Vail Series includes our White Mountain Log Collection featuring our exclusive Slope Glaze

Burner System. The System's burner incorporates a glaze material that produces tall dancing flames and glowing embers for more flame and more appeal. Whether you have natural or propane gas, you'll enjoy an inviting and realistic fire with the most lifelike patterns. To keep

your fires burning longer while enjoying fresh air, choose our patent-pending Fresh Air Plus Kit for the Vail 36 that draws outside air in and heats it before circulating it into the room. For maximum heat distribution, an optional automatic blower is available.



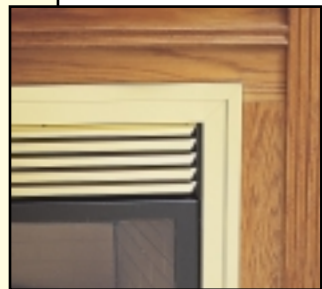
Our Exclusive Slope Glaze Burner System From The White Mountain Log Collection



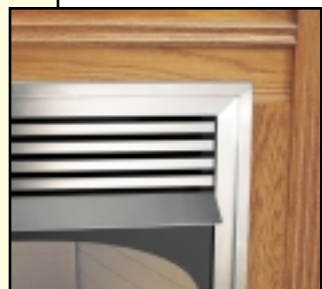
Flat Black Louvers and Frame



High Gloss Black Louvers and Frame



Polished Brass Louvers and Frame



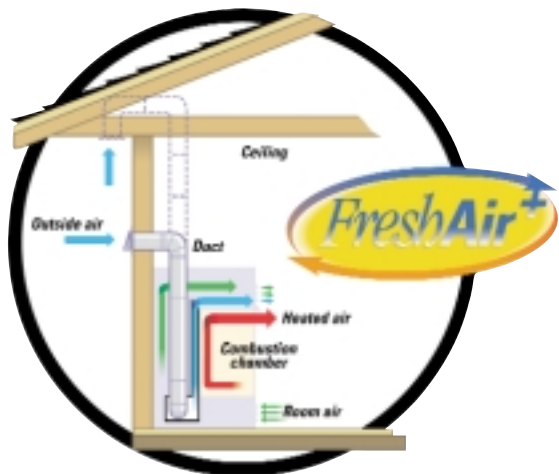
***Brushed Stainless Steel Louvers and Frame
(available for Vail 32)***

Customize To Create Your Style

To help you create the desired look of your room, the Vail 20 is available with a full or corner cabinet mantel with bases in five finishes to match your room's décor. For the Vail 32 and 36 models, select from a deluxe flush-mounted, full cabinet or a corner cabinet mantel. Each comes in five decorative finishes. Matching bases are available for most mantels, and beautiful marble laminates and stone surrounds add that final touch to your custom-designed fireplace.

Surround Yourself with Comfort

We've thought of everything to warm your home comfortably, efficiently and cost-effectively. So just sit back, relax, and surround yourself with comfort in the world of White Mountain Hearth.

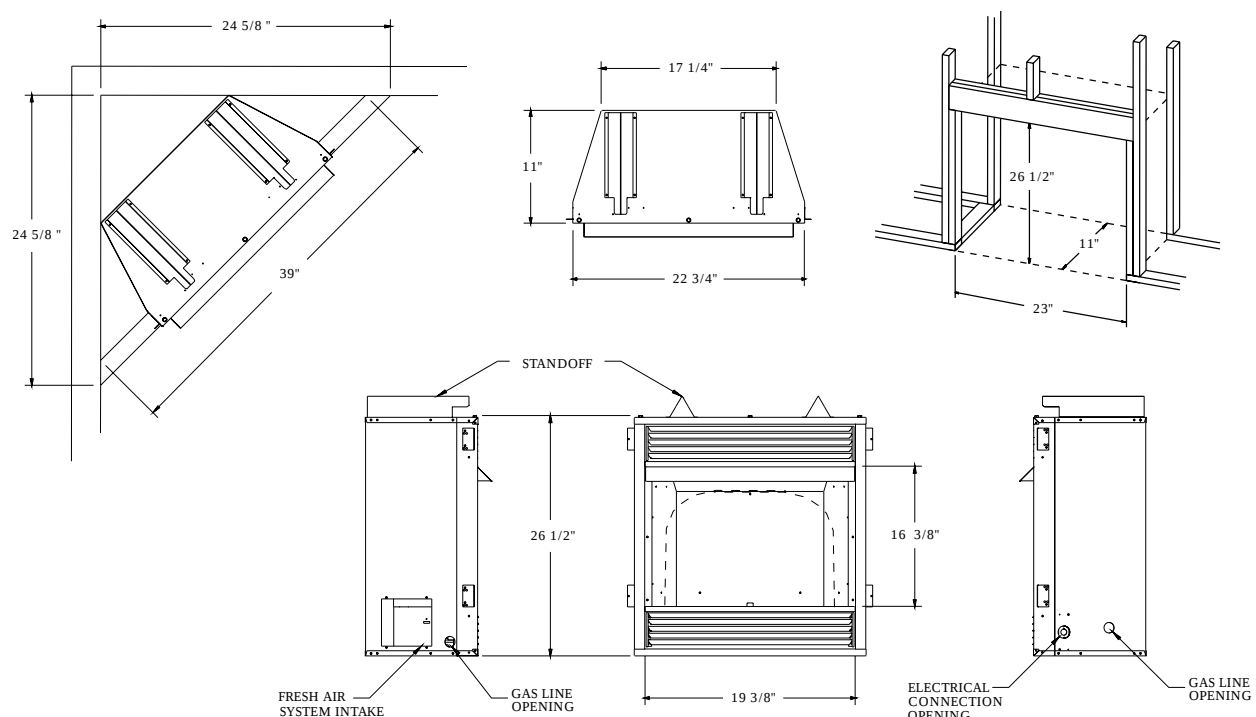


This is not a venting diagram. Please consult your Owner's Manual for venting specifications.

Vail 20 Options

Vent-Free Gas Fireplace			
Model VFHS-20/10T		Btu Input 20,000/10,000	Temperature Control Modulating Hydraulic Thermostat
Model VFHS-20R		Btu Input 20,000	Temperature Control on/off Millivolt (remote capable)
Firebox Color Black			Shipping Weight 42 lbs. (one carton)
Overall Dimensions		Width 22 5/8"	Height 26 3/4"
			Depth 11"
Firebox Accessories			
VFS-BK		Single Speed Automatic Blower Kit	
EHL-24		Ceramic Brick Liner	
VPP1A-22		Ceramic Aged Brick Liner	
Vail 20 Mantels			
Full Cabinet Mantel with Base 37 3/4" W x 38" H x 16 3/4" D		Corner Cabinet Mantel with Base 34 1/4" W x 38" H x 24 5/16" D	
EMF-22W		White Full Cabinet Mantel with Base	
EMF-22O		Oak Full Cabinet Mantel with Base	
EMF-22C		Cherry Full Cabinet Mantel with Base	
EMF-22UH		Unfinished Hardwood Full Cabinet Mantel with Base	
EMF-22UO		Unfinished Oak Full Cabinet Mantel with Base	
		EMC-22W	
		White Corner Cabinet Mantel with Base	
		EMC-22O	
		Oak Corner Cabinet Mantel with Base	
		EMC-22C	
		Cherry Corner Cabinet Mantel with Base	
		EMC-22UH	
		Unfinished Hardwood Corner Cabinet Mantel with Base	
		EMC-22UO	
		Unfinished Oak Corner Cabinet Mantel with Base	
Control Accessories For VFHS-20R model only			
GWSG-T		Wall Thermostat, Millivolt	
FRBC		Battery Operated Remote Control	
FRBTC		Battery Operated Remote Control with Thermostat	
FREC		Electric Remote Control	
FWS		Wall Switch	
Standard Equipment			
The VFHS-20/10T and the VFHS-20R come standard with flat black louvers, a polished brass frame, and the Slope Glaze Burner System. The VFHS-20/10T ships with a 10,000 Btu orifice and would replace the 20,000 Btu orifice installed in the unit.			

Vail 20 Dimensions



Vail 32 Options

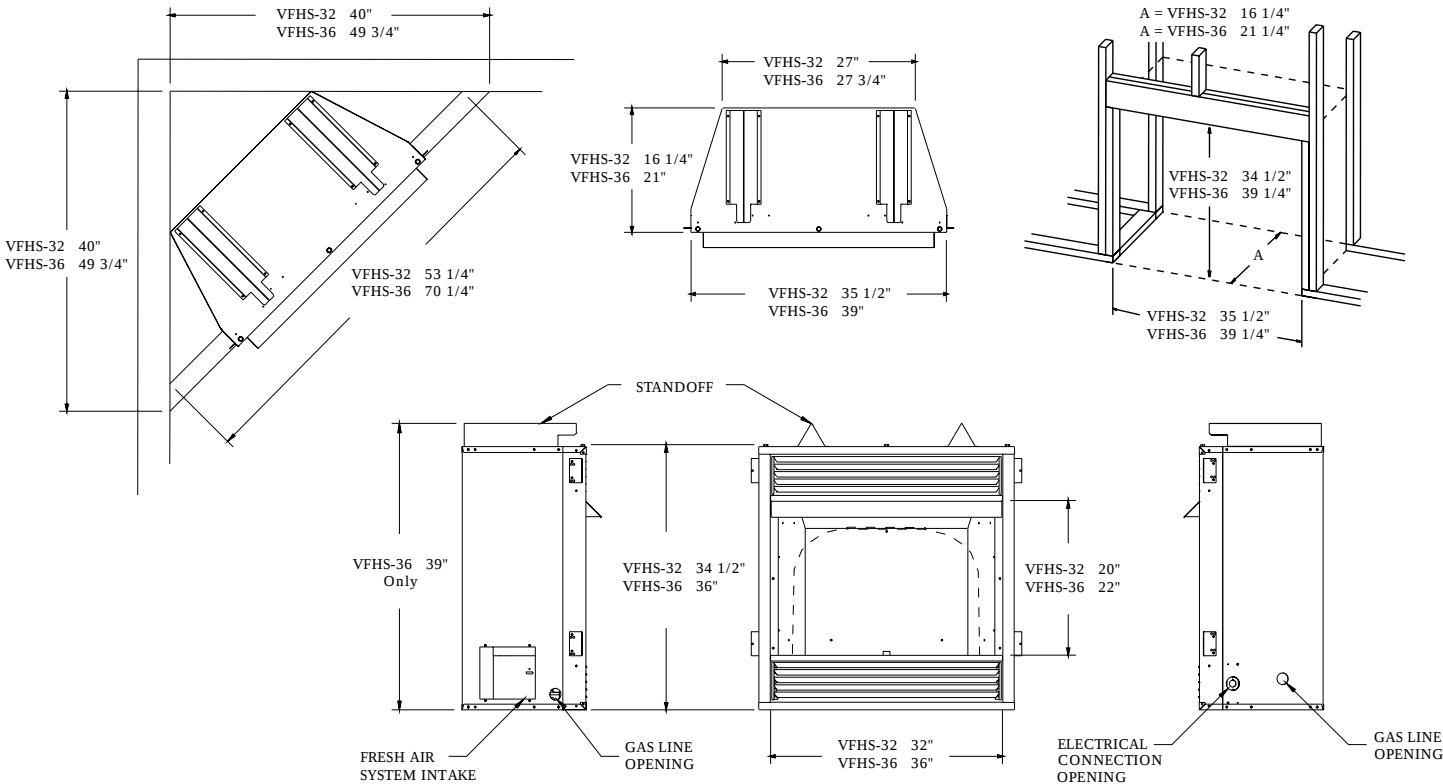
The Vail 32 Vent-Free Gas Fireplace			
Model VFHS-32T	Temperature Control Modulating Hydraulic Thermostat		
Model VFHS-32TS	Temperature Control Modulating Hydraulic Thermostat with single speed automatic blower		
Model VFHS-32TV	Temperature Control Modulating Hydraulic Thermostat with variable speed automatic blower		
Model VFHS-32R	Temperature Control on/off Millivolt (remote capable)		
Model VFHS-32RS	Temperature Control on/off Millivolt (remote capable) with single speed automatic blower		
Model VFHS-32RV	Temperature Control on/off Millivolt (remote capable) with variable speed automatic blower		
Firebox Color Black	Btu Input 30,000	Shipping Weight 94 lbs. (one carton)	
Min. Firebox Opening	Width 35 1/4"	Height 34 1/4"	Depth 16 1/4"
Vail 32 Firebox Accessories			
FB-BK	Variable Speed Automatic Blower	FBF1A	Single Speed Automatic Blower
EHL-32	Ceramic Brick Liner	VPP1A-32	Ceramic Aged Brick Liner
EK	Embers Kit		
Vail 32 Louvers		Vail 32 Hoods	
FBL1A-32BR	Polished Brass Louvers	VFH4A-32BL	4" Flat Black Hood
FBL1A-32BP	High Gloss Black Louvers	VFH2A-32BR	2" Polished Brass Hood
FBL1A-32SS	Brushed Stainless Steel Louvers	VFH4A-32BR	4" Polished Brass Hood
Vail 32 Frames		VFH2A-32BP	2" High Gloss Black Hood
FBF1A-32BR	Polished Brass Frame	VFH4A-32BP	4" High Gloss Black Hood
FBF1A-32BP	High Gloss Black Frame	VFH2A-32SS	2" Brushed Stainless Steel Hood
FBF1A-32SS	Brushed Stainless Steel Frame	VFH4A-32SS	4" Brushed Stainless Steel Hood
Control Accessories (for VFHS-32R, VFHS-32RV and VFHS-32RS models only)			
GWSG-T	Wall Thermostat, Millivolt	FREC	Electric Remote Control
FRBC	Battery Operated Remote Control	FWS	Wall Switch
FRBTC	Battery Operated Remote Control with Thermostat		
Vail 32 Mantels and Mantel Accessories			
Full Cabinet Mantel 55 1/2" W x 50 3/4" H x 20 1/4" D		Full Cabinet Base 57 1/2" W x 3 3/4" H x 27 1/4" D	
EMF-32W	White Full Cabinet Mantel	EBF-32W	White Full Cabinet Base
EMF-32O	Oak Full Cabinet Mantel	EBF-32O	Oak Full Cabinet Base
EMF-32C	Cherry Full Cabinet Mantel	EBF-32C	Cherry Full Cabinet Base
EMF-32UH	Unfinished Hardwood Full Cabinet Mantel	EBF-32UH	Unfinished Hardwood Full Cabinet Base
EMF-32UO	Unfinished Oak Full Cabinet Mantel	EBF-32UO	Unfinished Oak Full Cabinet Base
Flush Cabinet Mantel 55 1/2" W x 50 3/4" H x 7" D		Flush Cabinet Base 57 1/2" W x 3 3/4" H x 12 1/2" D	
EMFL-32W	White Flush Cabinet Mantel	EBFL-32W	White Flush Cabinet Base
EMFL-32O	Oak Flush Cabinet Mantel	EBFL-32O	Oak Flush Cabinet Base
EMFL-32C	Cherry Flush Cabinet Mantel	EBFL-32C	Cherry Flush Cabinet Base
EMFL-32UH	Unfinished Hardwood Flush Cabinet Mantel	EBFL-32UH	Unfinished Hardwood Flush Cabinet Base
EMFL-32UO	Unfinished Oak Flush Cabinet Mantel	EBFL-32UO	Unfinished Oak Flush Cabinet Base
Corner Cabinet Mantel 66" W x 50 3/4" H x 52" D		Corner Cabinet Base 68" W x 3 3/4" H x 24" D	
EMC-32W	White Corner Cabinet Mantel	EBC-32W	White Corner Cabinet Base
EMC-32O	Oak Corner Cabinet Mantel	EBC-32O	Oak Corner Cabinet Base
EMC-32C	Cherry Corner Cabinet Mantel	EBC-32C	Cherry Corner Cabinet Base
EMC-32UH	Unfinished Hardwood Corner Cabinet Mantel	EBC-32UH	Unfinished Hardwood Corner Cabinet Base
EMC-32UO	Unfinished Oak Corner Cabinet Mantel	EBC-32UO	Unfinished Oak Corner Cabinet Base
Laminate for Full, Flush and Corner Cabinet Mantels		Laminate for Full Cabinet Bases	
EMT32-1E	Emerald Laminate for Mantels	EMT32-2E	Emerald Laminate for Full Cabinet Base
EMT32-1P	Parchment Laminate for Mantels	EMT32-2P	Parchment Laminate for Full Cabinet Base
EMT32-1B	Black Marble Laminate for Mantels	EMT32-2B	Black Marble Laminate for Full Cabinet Base
Laminate for Corner Cabinet Bases		Standard Equipment	
EMT32-4E	Emerald Laminate for Corner Cabinet Base	The Vail 32 comes standard with flat black louvers, flat black frame, a 2" flat black hood, and the Slope Glaze Burner System.	
EMT32-4P	Parchment Laminate for Corner Cabinet Base		
EMT32-4B	Black Marble Laminate for Corner Cabinet Base		

32" Mantels come with polished brass frame

Vail 36 Options

The Vail 36 Vent-Free Gas Fireplace			
Model VFHS-36T	Temperature Control Modulating Hydraulic Thermostat		
Model VFHS-36TS	Temperature Control Modulating Hydraulic Thermostat with single speed automatic blower		
Model VFHS-36TV	Temperature Control Modulating Hydraulic Thermostat with variable speed automatic blower		
Model VFHS-36R	Temperature Control on/off Millivolt (remote capable)		
Model VFHS-36RS	Temperature Control on/off Millivolt (remote capable) with single speed automatic blower		
Model VFHS-36RV	Temperature Control on/off Millivolt (remote capable) with variable speed automatic blower		
Firebox Color Black		Btu Input 36,000	Shipping Weight 147 lbs. (one carton)
Min. Firebox Opening		Width 39"	Height 36"
			Depth 21"
Vail 36 Firebox Accessories			
FB-BK	Variable Speed Automatic Blower	FBB1A	Single Speed Automatic Blower
EHL-36	Ceramic Brick Liner	EK	Embers Kit
VFP1A-36	Ceramic Aged Brick Liner	FBJB	Junction Box Kit
FB-AK	Fresh Air Plus Kit		
Vail 36 Louvers		Vail 36 Hoods	
FBL-36BR	Polished Brass Louvers	VFFBH-36BL-4	4" Flat Black Hood
FBL-36BP	High Gloss Black Louvers	VFFBH-36BR-2	2" Polished Brass Hood
Vail 36 Frames		VFFBH-36BR-4	4" Polished Brass Hood
VFFBF-36BR	Polished Brass Frame	VFFBH-36BP-2	2" High Gloss Black Hood
FBF-36BP	High Gloss Black Frame	VFFBH-36BP-4	4" High Gloss Black Hood
Control Accessories (for VFHS-36R, VFHS-36RV and VFHS-36RS models only)			
GWSG-T	Wall Thermostat, Millivolt	FREC	Electric Remote Control
FRBC	Battery Operated Remote Control	FWS	Wall Switch
FRBTC	Battery Operated Remote Control with Thermostat		
Vail 36 Mantels and Mantel Accessories			
Full Cabinet Mantel 60 ½" W x 53 ¾" H x 25 ¾" D		Full Cabinet Base 61 ⅛" W x 4 ¼" H x 32 ⅞" D	
EMF-36W	White Full Cabinet Mantel	EBF-36W	White Full Cabinet Base
EMF-36O	Oak Full Cabinet Mantel	EBF-36O	Oak Full Cabinet Base
EMF-36C	Cherry Full Cabinet Mantel	EBF-36C	Cherry Full Cabinet Base
EMF-36UH	Unfinished Hardwood Full Cabinet Mantel	EBF-36UH	Unfinished Hardwood Full Cabinet Base
EMF-36UO	Unfinished Oak Full Cabinet Mantel	EBF-36UO	Unfinished Oak Full Cabinet Base
Deluxe Flush Mounted Mantel 77¼" W x 58¾" H x 6¼" D (Must Order Stone Surround)		Corner Cabinet Mantel 70¾" W x 53¾" H x 41⅞" D	
EFMD36-OF	Oak Deluxe Flush Mounted Mantel	EMC-36W	White Corner Cabinet Mantel
EFMD36-U	Unfinished Hardwood Deluxe Flush Mounted Mantel	EMC-36O	Oak Corner Cabinet Mantel
EFMD36-UO	Unfinished Oak Deluxe Flush Mounted Mantel	EMC-36C	Cherry Corner Cabinet Mantel
Deluxe Flush Mounted Base 48⅞" W x 7⅞" H x 12" D (Must Order Stone Kit)		EMC-36UH	Unfinished Hardwood Corner Cabinet Mantel
EFMD-SB36-OF	Oak Deluxe Flush Mounted Base	EMC-36UO	Unfinished Oak Corner Cabinet Mantel
EFMD-SB36-U	Unfinished Hardwood Deluxe Flush Mounted Base	Laminate for Full and Corner Cabinet Mantels	
Stone Surround for Deluxe Mantel		EMT36-1E	Emerald Laminate for Mantels
EFMD-SS36-1P	Gray Botticino Stone Surround for Deluxe Mantel	EMT36-1P	Parchment Laminate for Mantels
EFMD-SS36-1E	Empress Green Stone Surround for Deluxe Mantel	Laminate for Full Cabinet Bases	
Stone Kit for Deluxe Base		EMT36-2E	Emerald Laminate for Full Cabinet Base
EFMD-SBK36-2P	Gray Botticino Stone Kit for Deluxe Base	EMT36-2P	Parchment Laminate for Full Cabinet Base
EFMD-SBK36-2E	Empress Green Stone Kit for Deluxe Base	Standard Equipment	
The Vail 36 comes standard with flat black louvers, flat black frame, a 2" flat black hood, and the Slope Glaze Burner System.			

Vail 32 and Vail 36 Dimensions



Gas Inlet for All Models	
Type of Gas (State on Order)	Natural or LP
Iron Pipe Size (N.P.T.)	3/8"
Ignition System	Standing Pilot/Piezo
Safety Controls for All Models	
Pilot equipped with automatic shut-off and oxygen depletion sensor.	
Warranty for All Models	
All parts carry a 5-year limited warranty with a 5-year limited labor warranty. Note: Empire has a policy of constantly improving quality and performance of its appliances; therefore, materials and specifications are subject to change without notice.	
Installation and Safety for All Models	
Refer to your Owner's Manual for complete installation and safety information.	

This appliance may be installed in an aftermarket (mobile) home where not prohibited by state or local codes.

On the Cover

Custom Installed and Designed Vail 36 with Optional Polished Brass Louvers, Frame, 2" Hood and Ceramic Brick Liner.



This appliance is design-certified to the ANSI standard by:



Surround Yourself With Comfort

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