

Direct Vent Fireplace Systems



SmartLine

BDV300, BDV400, BDV500 and BDV600 Direct Vent Gas Fireplaces

The Monessen BDV Series of direct vent fireplaces offers four different models to fit the needs of your design project.

- Glowing ceramic fiber logs featuring a patented Natural Flame™ aluminized pan burner with random dancing flames and large ember bed
- Shipped standard with removable unitized black louver system for top and bottom with a choice of optional louvers and fronts available to suit any decor
- Optional factory or field installed cottage clay firebrick and optional field installed cottage red firebrick
- Large glass viewing area up to 795 square inches
- Illustrated consumer-friendly deluxe control panel with easy lift off capabilities
- Thermostatically controlled blower available (160 cfm)
- Thermal efficiency up to 80%

- Certified as a vented gas fireplace heater to ANSI Z21.88 / CSA 2.33 standards with Btu ratings ranging by model from as low as 15,000 up to 26,000
- Limited lifetime warranty

*Heat with
Personality.*

MONESSEN
HEARTH SYSTEMS

BDV SERIES



BDV300

Shown with optional gold arched front, black door frame and gold fire screen doors



BDV400

Shown with optional pewter arched front, pewter door frame and pewter fire screen doors



BDV500

Shown with standard black louvers



BDV600

Shown with optional pewter filigree, black door frame and pewter fire screen doors

FEATURES:

- Large viewing area for a beautiful view of the fire
BDV300: 486 square inches BDV400: 591 square inches
BDV500: 672 square inches BDV600: 795 square inches
- Slim line depth
BDV300: 14" BDV400: 16"
BDV500: 16" BDV600: 16"
- BTU Ratings (Natural and LP gas)
BDV300: 15,000 - 21,000 BTU BDV400: 17,000 - 24,000 BTU
BDV500: 20,000 - 26,000 BTU BDV600: 20,000 - 26,000 BTU
- Variable Hi-Lo flame adjustment
- Patent Pending field convertible vent technology to vent horizontally or vertically
- Flexible connector with On/Off valve included
- Installs with Simpson Dura Vent 4" x 6-5/8" vent pipe
- Field convertible to natural or propane gas



DELUXE CONTROL PANEL

OPTIONAL ACCESSORIES

FACTORY INSTALLED OPTIONS

- Variable Thermostat Controlled Forced Air Blower (160 cfm)
- Cottage Clay Firebrick
- Polished Brass Louvers

FIELD INSTALLED ACCESSORIES

- Decorative Black Mesh Glass Cover
- Medium trim kit available in pewter, brass and black



Pewter Louvers



Brass Louvers



Cottage Clay Firebrick



Curved Pewter Trim



Curved Brass Trim



Curved Black Trim



Variable Thermostat Controlled Forced Air Blower (160 cfm)



Cottage Red Firebrick

WOOD SURROUNDS AND HEARTHES

- Wood surrounds and hearths available in corner or flat wall in finishes shown below (Not available for BDV600)



Oak Wall Surround and Hearth in Honey Oak Finish with Curved Black Trim



Dark Cherry Finish

Honey Oak Finish



Oak Unfinished - Paint/Stain Ready

Birch Unfinished - Paint/Stain Ready

WOOD SURROUND WITH HEARTH

- Wood surround with hearth included available in flat wall in finishes shown below (Not available in Unfinished Birch or Unfinished Oak. Also, not available for BDV300 or BDV600)

REMOTE CONTROLS AND WALL THERMOSTATS



On/Off Hand-Held Remote Control with Receiver.



On/Off Hand-Held Remote Control with 90 min. countdown timer with Receiver.



On/Off Thermostat Hand-Held Remote Control with Receiver.



Hand-Held Programmable Thermostat Remote Control with Receiver.



On/Off Thermostat Hand-Held Remote Control with 3-Speed Blower Control with Receiver.



Thermostat ON/OFF remote control with 3-step flame height adjustment and 3-speed blower control with Receiver.



Touch Light™ Table Top/Wall Mount TLM On/Off and TLT Thermostat Remote Control with Receiver.



Programmable Wireless Wall Thermostat with receiver.



Surround with Hearth in Dark Cherry Finish with Curved Brass Trim

DECORATIVE FRONTS, FRAMES, FILIGREE PANELS AND FIRE SCREEN DOORS



Black Arched Front



Pewter Filigree Panels, Black Door Frame and Pewter Fire Screen Doors



Black Arched Front, Gold Door Frame and Gold Fire Screen Doors



Pewter Arched Front, Pewter Door Frame and Black Fire Screen Doors

SPECIFICATIONS

Product Specifications

Model	Width		Height		Depth		BTU/H NAT/LP	Viewing Area (sq. in.)	Circulating	Design Certified
	Actual	Framing	Actual	Framing	Actual	Framing				
BDV300	33 1/16"	33 1/2"	37"	37 1/4"	14"	*13 3/4"	15,000-21,000	486	Standard	CSA
BDV400	37 1/16"	37 1/2"	40 1/2"	40 7/8"	16"	*15 3/4"	17,000- 24,000	591	Standard	CSA
BDV500	41 1/16"	41 1/2"	40 1/2"	40 7/8"	16"	*15 3/4"	20,000- 26,000	672	Standard	CSA
BDV600	47 1/16"	47 1/2"	40 1/2"	40 7/8"	16"	*15 3/4"	20,000- 26,000	795	Standard	CSA

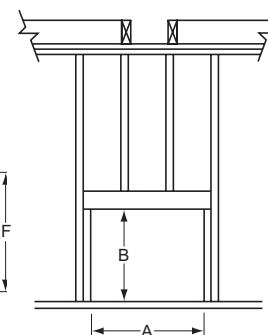
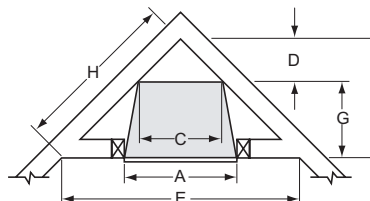
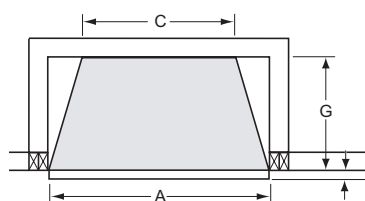
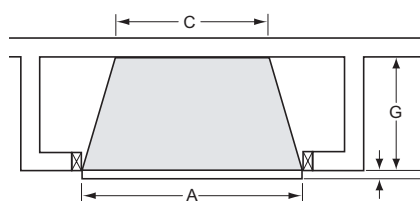
* Framing dimension allows for drywall thickness.

Hardwood Surround Dimensions

	30" Wall Surround	30" Wall Hearth	32" Wall Surround	32" Wall Hearth	32" Wall Surround w/ Hearth	36" Wall Surround	36" Wall Hearth	36" Wall Surround w/ Hearth
Width of mantel	46-1/8"	52-1/2"	50-1/2"	58"	52-1/4"	54-3/8"	61-1/4"	56-1/2"
Height w/o hearth	45-1/2"	4-1/4"	48"	5"	50"*	48-1/4"	5"	50"*
Depth	17-3/4"	21-1/8"	17-1/4"	21-3/8"	23-1/2"	19-3/4"	25-1/2"	26"
Opening width	33-5/8"	—	38"	—	38"	42"	—	42"
Opening height	32-3/8"	—	35-7/8"	—	35-3/4"	35-3/4"	—	35-3/4"
Width of mantel top	52-1/2"	—	58"	—	58"	62"	—	61-1/2"
Depth of mantel top	21-1/8"	—	21-1/8"	—	21"	25-1/2"	—	23-3/4"

* Height includes hearth

	30" Corner Surround	30" Corner Hearth	32" Corner Surround	32" Corner Hearth	36" Corner Surround	36" Corner Hearth
Width of mantel	57-3/4"	57-3/4"	62-3/8"	62-3/8"	63-3/8"	63-3/8"
Height w/o hearth	45-1/4"	4-1/4"	48-1/4"	5"	48-1/4"	5"
Distance from corner to front center of mantel	33"	—	35-1/2"	—	37-1/2"	—
Distance from corner to front edge along wall	40-3/4"	—	44-1/8"	—	47"	—
Opening width	33-5/8"	—	38"	—	42"	—
Opening height	32-3/8"	—	35-7/8"	—	35-7/8"	—



REGULATORY APPROVAL

The BDV series is approved to ANSI Z21.86-2004/CSA2.32-2004 and approved for installation in bedrooms and aftermarket manufactured (mobile) home, where not prohibited by state or local codes. Tested to Canadian Standards Association's CSAP.4.1-02 Testing Method for Measuring Fireplace Efficiency.

Warning:

- Correct installation of the ceramic fiber logs and periodic cleaning are necessary to avoid potential service problems.
- Keep small children and animals away from the hot surfaces at all times.
- This appliance must not be connected to a chimney flue servicing a separate solid-fuel burning appliance.
- Common venting of this appliance with other gas appliances is not allowed.

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To avoid personal injury or property damage, the product described by this brochure must be installed, operated and maintained in strict compliance with the instructions packaged with the product and all applicable building or fire codes. Contact local building or fire officials about restrictions and installation inspection requirements. All photographs and drawings on this brochure are for illustrative purposes only and are not intended for, nor should they be used as a substitute for the instructions packaged with the unit. Appearance and specifications of the product are subject to change without notice.

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Direct Vent Fireplace Framing Dimensions

	BDV300	BDV400	BDV500	BDV600
A	33 1/2"	37 1/2"	41 1/2"	47 1/2"
B	37 1/4"	40 7/8"	40 7/8"	40 7/8"
C	28 1/4"	29 1/4"	33 1/4"	39 1/4"
D	14 1/8"	14 5/8"	16 5/8"	19 5/8"
E	55 11/16"	60 7/8"	64 7/8"	70 7/8"
F	27 13/16"	30 7/16"	32 7/16"	35 7/16"
G	13 3/4"	15 3/4"	15 3/4"	15 3/4"
H	39 3/8"	43 1/16"	45 7/8"	50 1/8"

Sold by:

