

Valor® P2 200A

February 2024

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Co-Linear Venting

Applications

This appliance can be converted to install as a co-linear application or as a co-axial using flex pipes application. The co-linear or co-axial flex portion of the vent system may only be installed within a solid-fuel burning appliance.

This appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.

Types of Installations

- Complete installation into an existing fireplace
- Partial installation into an existing fireplace
- Installation into an adjacent chimney
- Installation in chimney using co-axial flex venting

See the following pages for each installation details.

Rules for Co-Linear Venting

- Maximum 40 feet vertical pipe
- Minimum 10 feet vertical
- Maximum offset 8 feet with liners at minimum 45 degrees from horizontal plane
- Restrictor: See Installation manual to confirm and set the position.

NOTE

Co-linear or co-axial flexible aluminum venting liners should be professionally inspected periodically for corrosion and damage and replaced when necessary. If the installation does not allow for future inspection or replacement of the flexible aluminum liners, then stainless steel vent liners are recommended.

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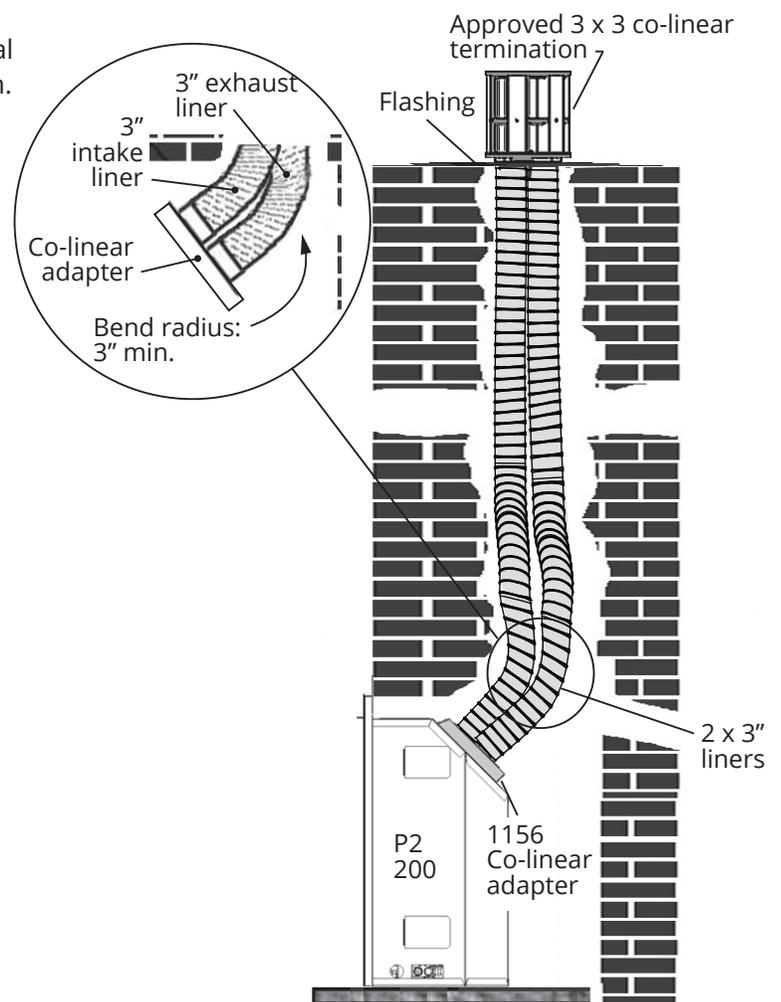
Co-Linear Venting—with 1156CLA

Complete Installation Into an Existing Fireplace

The appliance can be installed completely inserted into the non-combustible cavity as illustrated. In this case, the firebox zero clearance standoffs supplied with the heater are not required.

Required venting components:

- Valor Co-axial to co-linear adapter 1156CLA;
- 2 lengths of 2-ply, flexible chimney liner approved for venting gas appliances:
 - 1 x 3-inch diameter for air inlet and
 - 1 x 3-inch diameter for exhaust;
- Co-linear termination kit 3 x 3 and flashing or co-linear to co-axial adapter and either high wind vertical vent terminal cap or a low profile vertical termination.



Co-linear installation into existing F/P

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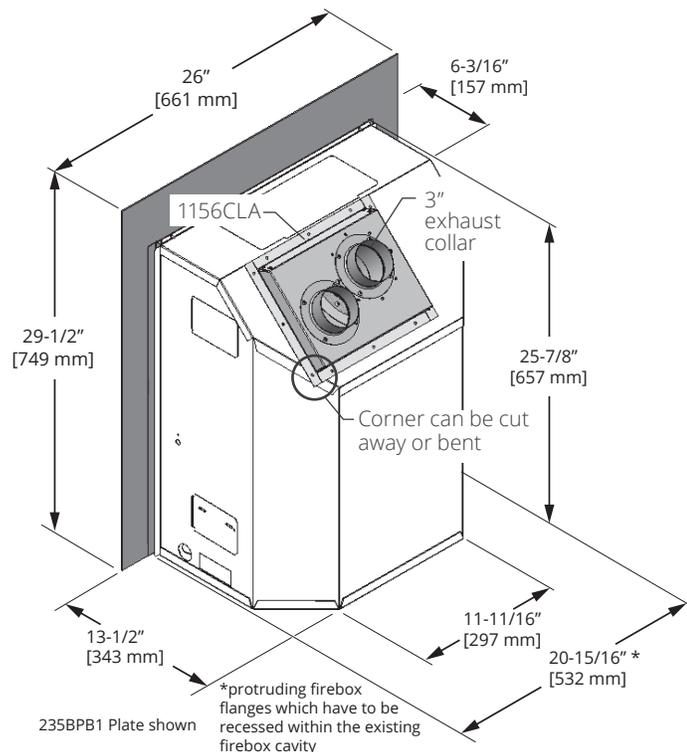
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Co-Linear Venting—with 1156CLA

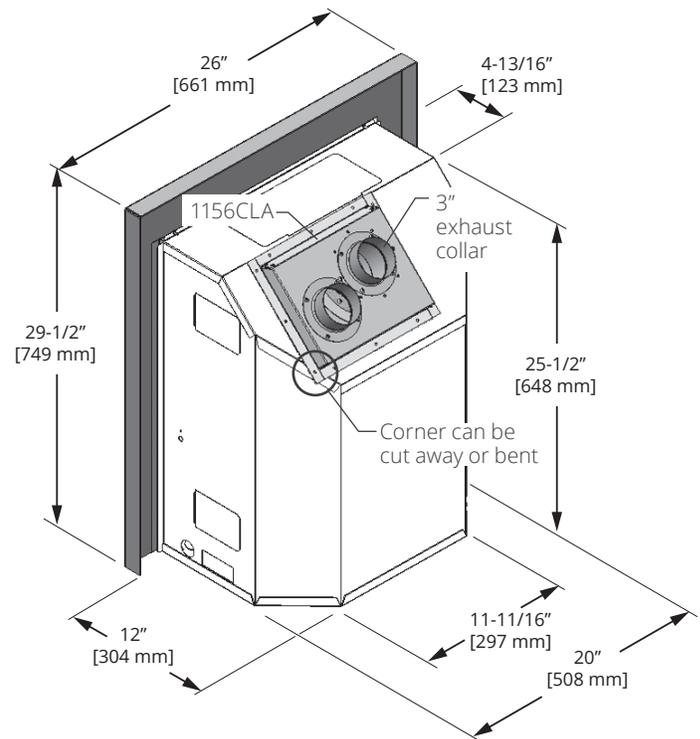
NOTES

- Dimensions shown on previous page with standoffs removed. Only for applications where the unit is fully recessed into an existing solid-fuel burning fireplace.
- One corner flange of the 1156CLA Co-Linear Adapter extends over the edge of the appliance's outer case, once installed. You can cut away or bend down this flange.
- The 235SBPB1 Backing Plate for reduced depth can be used for shallower cavities with a minimum depth of 12" (305 mm), however, only for applications where the unit is fully recessed into an existing solid-fuel burning fireplace.

Dimensions with Flat Backing Plates 235BPBs



Dimensions with Reduced-depth Backing Plate 235SBPB1



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Co-Linear Venting—with 1156CLA + 720SWK

Installing Into Existing Fireplace with 720SWK

The appliance can be installed completely inserted into the non-combustible cavity as illustrated below.

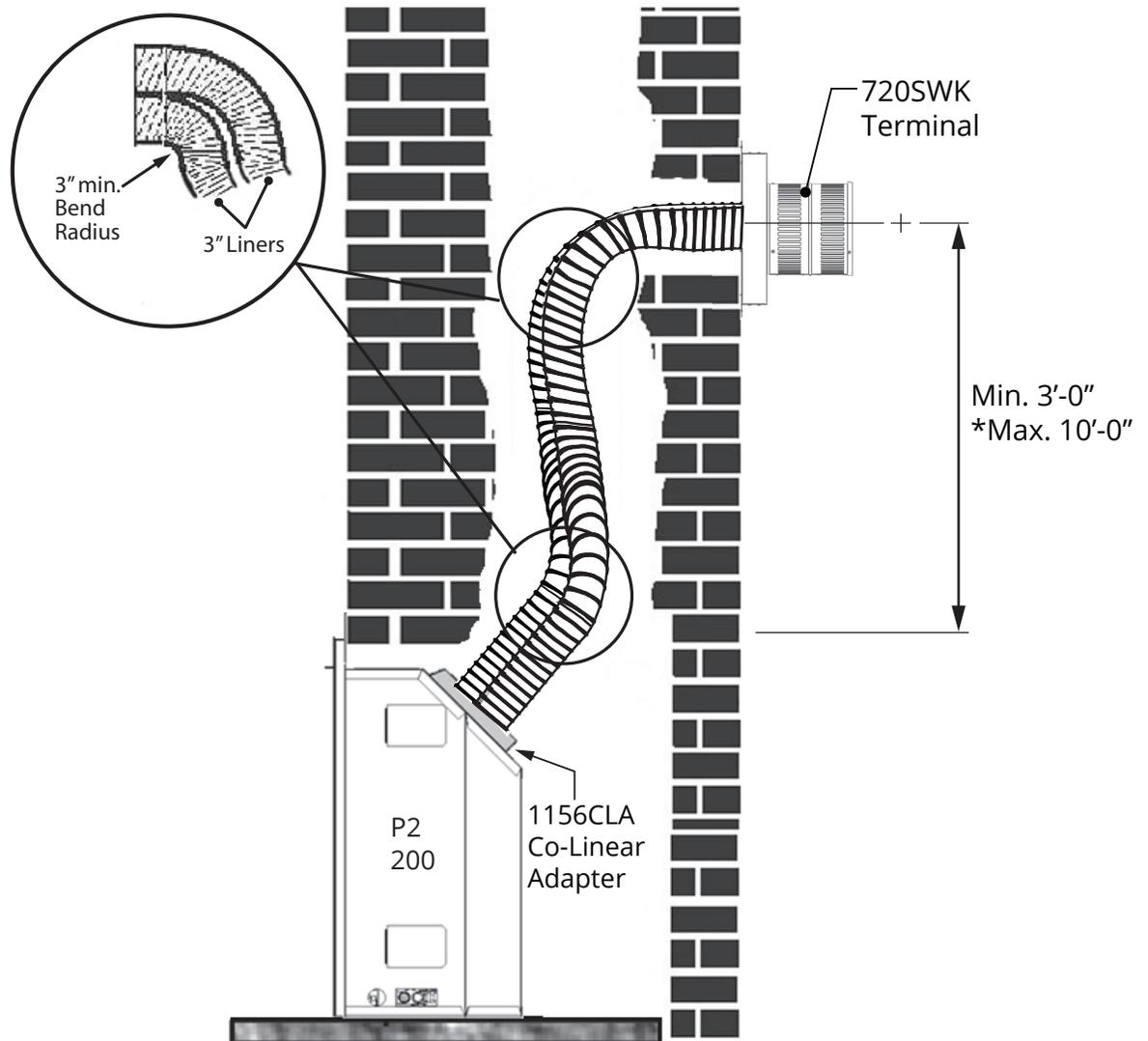
In this case, the firebox zero clearance standoffs supplied with the heater are not required.

NOTE

See 1156CLA and 720SWK installation manuals for complete instructions.

Required venting components:

- Valor 1156CLA Flex Co-Linear Adapter Kit;
- Two lengths of 2-ply, 3" diameter flexible chimney liners approved for venting gas appliances;
- Valor 720SWK Sidewall Co-linear Termination kit;
- Terminal Guard such as Valor 658TG or 845TG if terminal located at less than 7'-0" of grade.



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Co-Linear Venting—Partial Insert

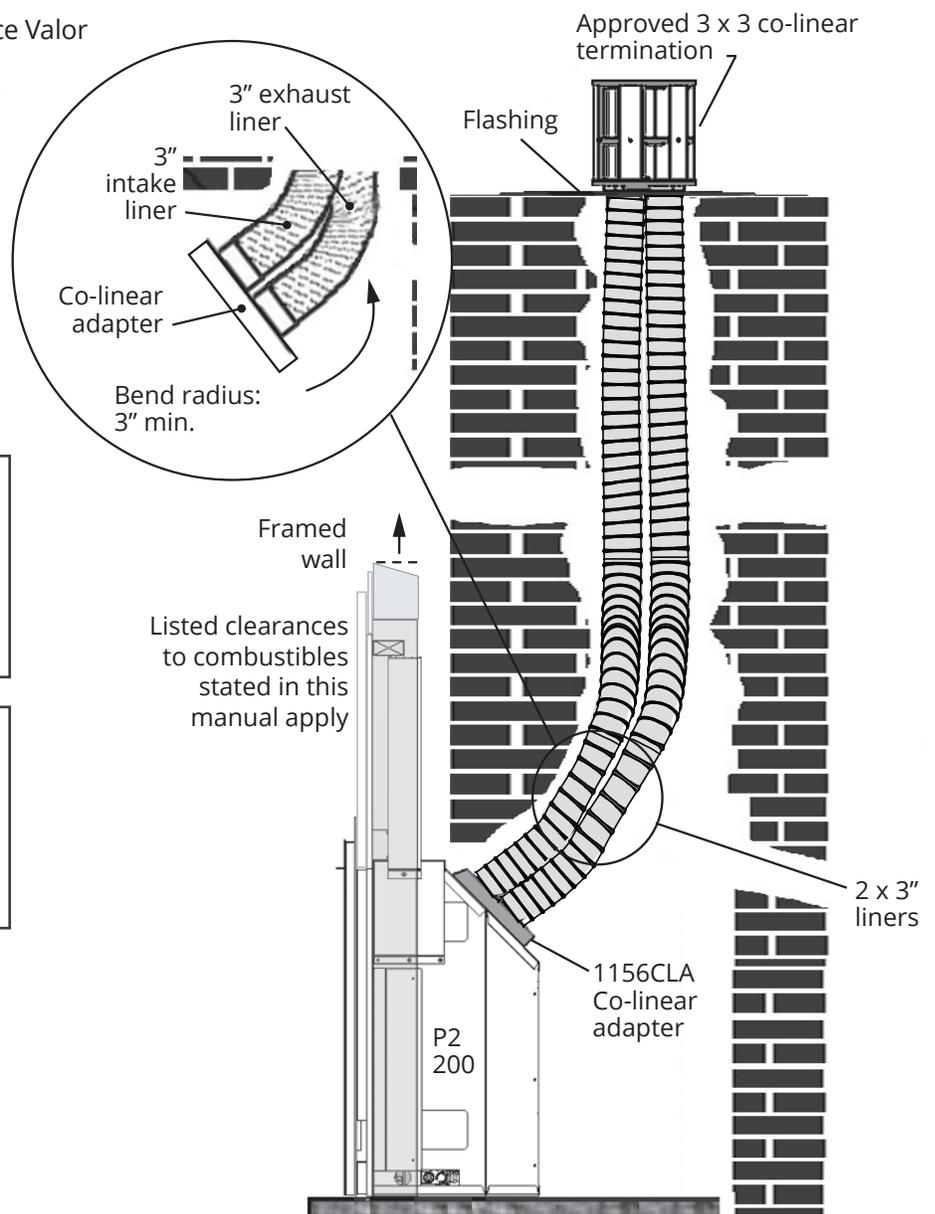
Partial Installation Into an Existing Fireplace

The appliance can be partially inserted into the non-combustible cavity as illustrated below.

In this case, the appliance must be completely framed and maintain clearances to combustibles as shown in the fireplace's installation manual.

Required venting components:

- Co-axial to co-linear adapter at appliance Valor 1156CLA, 46DVA-GCL33 or equivalent;
- 2 lengths of 2-ply, flexible chimney liner approved for venting gas appliances:
 - 1 x 3-inch diameter for air inlet and
 - 1 x 3-inch diameter for exhaust;
- Co-linear termination kit 3 x 3 and flashing or co-linear to co-axial adapter and either high wind vertical vent terminal cap or a low profile vertical termination.



NOTE

This appliance must be completely framed and maintain clearances to combustibles as shown in the fireplace's installation manual.

NOTE

Standoffs are required to maintain clearances to combustible for the part of the appliance outside a non-combustible cavity.

Co-linear installation on appliance partially into existing fireplace

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Co-Linear Venting—Adjacent Chimney

Installation Into an Adjacent Chimney

The appliance's venting system can be partially inserted into the non-combustible adjacent chimney as illustrated below.

In this case, the appliance must be completely framed and maintain clearances to combustibles as shown in this manual.

Required venting components:

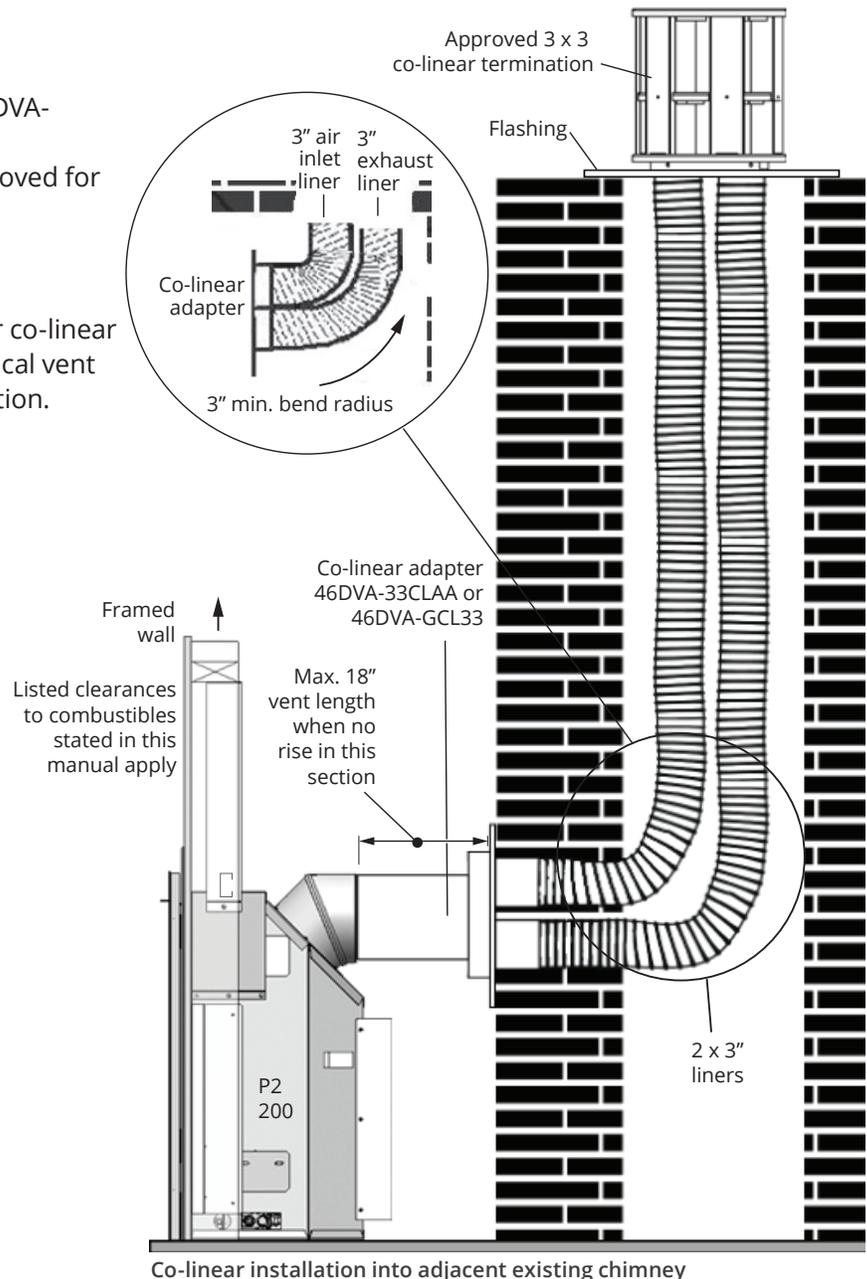
- Co-axial to co-linear adapter at appliance 46DVA-33CLAA, 46DVA-GCL33 or equivalent;
- 2 lengths of 2-ply, flexible chimney liner approved for venting gas appliances:
 - 1 x 3-inch diameter for air inlet and
 - 1 x 3-inch diameter for exhaust;
- Co-linear termination kit 3 x 3 and flashing or co-linear to co-axial adapter and either high wind vertical vent terminal cap or a low profile vertical termination.

NOTE

This appliance must be completely framed and maintain clearances to combustibles as shown in the fireplace's installation manual.

NOTE

Standoffs are required to maintain clearances to combustible for the part of the appliance outside a non-combustible cavity.



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Co-Linear Venting

Typical Co-linear Venting Components

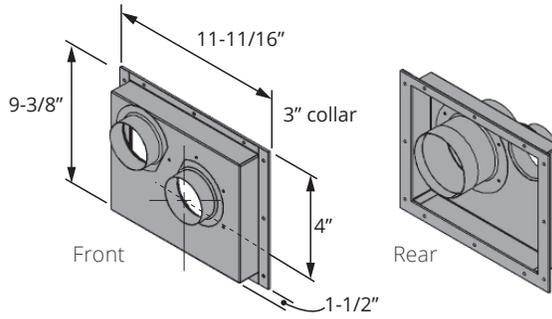
Co-axial to Co-linear Appliance Adapters



46DVA-GCL33

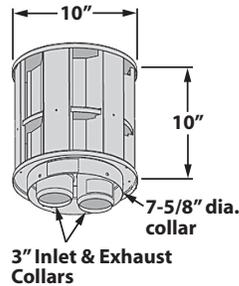


46DVA-33CLAA

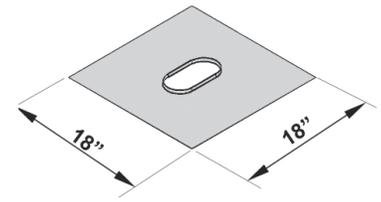


1156CLA—Co-Linear Vent Adapter

Co-linear Terminal Configurations

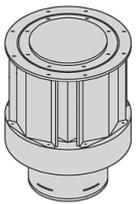


Co-Linear Terminal (typical)



Flashing Kit

Alternate Co-linear to Co-axial Conversion at Terminal



Co-axial Terminal Cap

With...

Co-Linear to Co-Axial Adapter



Flashing

