FMI PRODUCTS, LLC

INSTALLATION INSTRUCTIONS FOR VENT FLEX MODELS PF58-927, PF58-1236, PF58-1854 AND VKF58-927

Certified for Use With Fireplace Model Series (V)TC36, (V)T32, (V)VC36/42, (V)KC36/42, (V)CD36R, (V)CD36T, (V)DVF36TCL, (V)DVF36TCR, (V)DVF36TSTA, (V)DVF36TPNA-A

A flex vent section can be used in fireplace venting configurations when an elbow or an offset may be needed.

⚠ WARNING: Do not connect 2 or more flex vent sections in a row. This will cause a fire hazard.

NOTICE: Flex vent pipe must have a minimum 2" clearance to combustible material and 1 1/2" through a combustible wall.

IMPORTANT: For horizontal venting, 1/4" rise for every 1 foot run is required for proper fireplace operation.
Spacer springs are included inside each flex vent section. After bending flex vent section, position springs as shown in Figure 1.

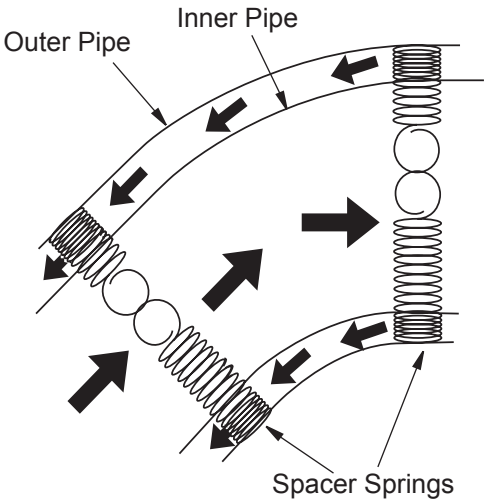

Figure 1 - Adjusting Spacer Springs

Flex vent sections can be expanded to 3 times its compressed (original) length. See chart below for model lengths.

Model	Compressed Flex Length	Compressed Length With Connectors	Expanded Flex Length	Expanded Length With Connectors
PF58-927	9"	17.5"	27"	35.5"
PF58-1236	12"	20.5"	36"	44.5"
PF58-1854	18"	26.5"	54"	62.5"

Flex vent pipe sections are designed with special twistlock connections. The female end of the pipes has locking lugs (indentions). These lugs will slide straight into matching slots on male end of adjacent pipe. Push pipe sections together and twist one section clockwise approximately 1/4" turn until sections are fully locked (see Figure 2).
Note: Horizontal runs for venting must be supported every 3 feet. Use wall straps for this purpose.
See fireplace owner's manual for complete venting installation instructions.

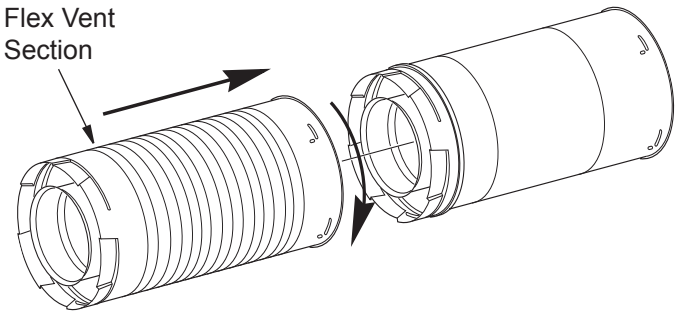

Figure 2 - Flex Vent Pipe Connection

TERMINATION CONFIGURATIONS

Figure 3, page 2, shows the acceptable configuration when venting horizontally using flexible venting systems. Figure 4 shows the acceptable configuration when installing in a corner. The vertical and horizontal minimums and maximums shown in figure 3, page 2, apply to Figure 4, page 2, as well. The flex vent system must be designed and supported to prevent restriction on the venting system. All bends must be made with a minimum bend radius of 3" plus the radius of the outer pipe or as specified by the pipe manufacturer to prevent reduction of pipe diameter. As with rigid pipe, flex vent must be pitched upwards and supported without use of screws in vent pipe to prevent sagging and damage.

Horizontal termination must be secured to flex venting using 4 self-drilling screws as shown in Figure 5. After placing termination onto flex vent, drill through pilot holes on termination and into flex vent to create holes for the screws.

IMPORTANT: Horizontal square terminations require only inner portion of wall firestop. Horizontal installations using round terminations require interior and exterior portion of wall firestop (see Figure 6).

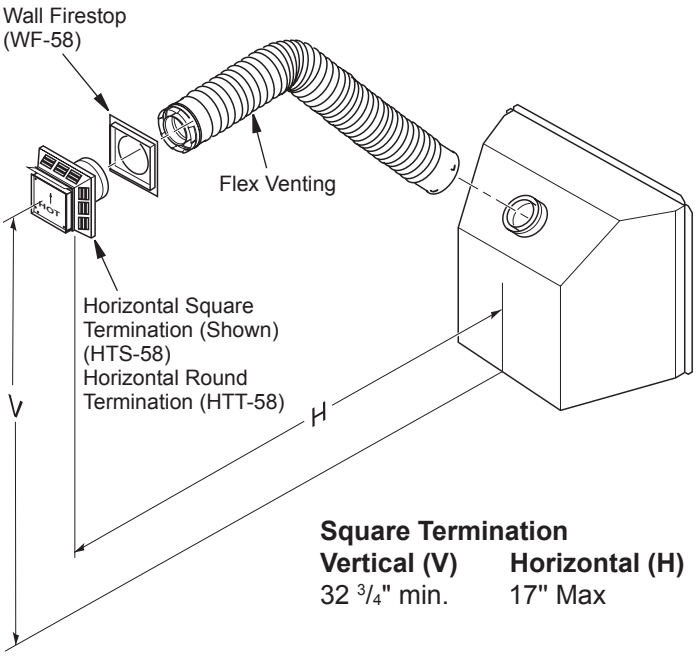

Figure 3 - Horizontal Venting Configuration

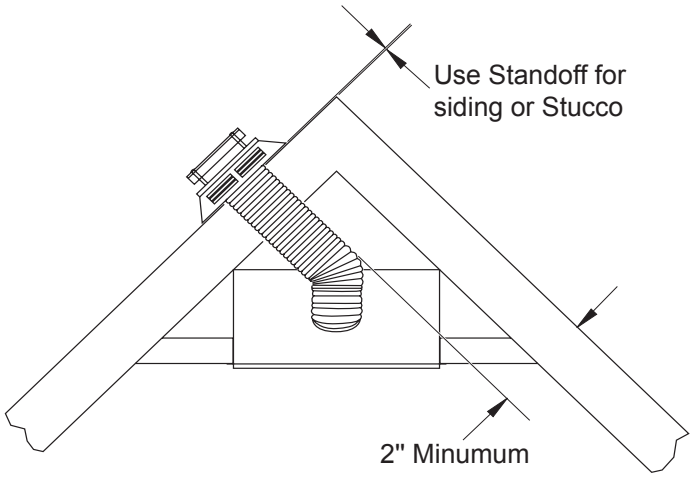

Figure 4 - Corner Venting Configuration

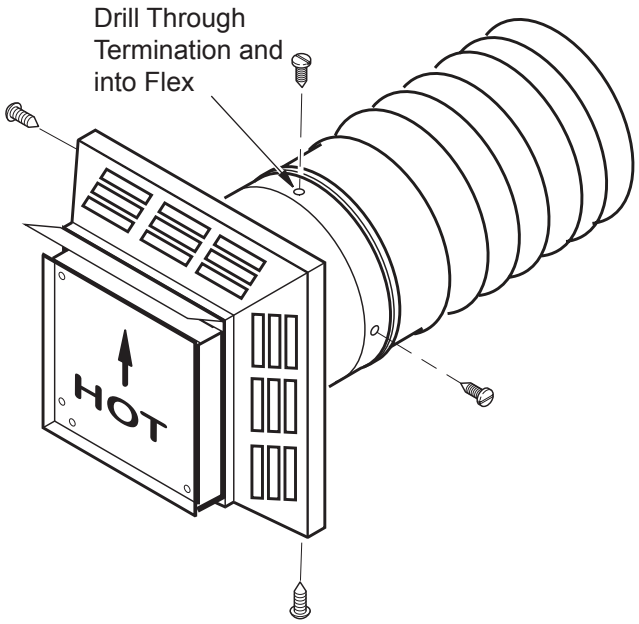

Figure 5 - Attaching Vent to Flex Venting

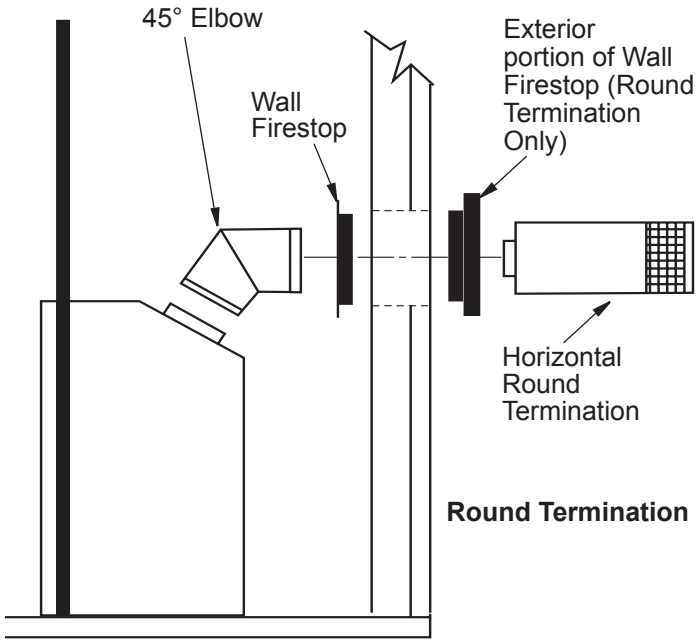

Figure 6 - Horizontal Termination Configuration for Round Terminations

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120436-01
Rev. D
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