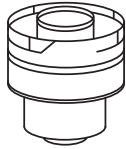
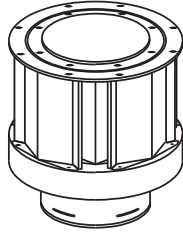


# Installation & Maintenance Manual



**MONTIGO**<sup>®</sup>  
the art of **fireplaces**

## BVK35 Kit

**DIRECT VENT ADAPTER TO 5" B-VENT**

*Applicable for:*

**DRL3613NI / DRL3613NI-2**

**DRSQ34NI / DRSQ34NI-2**

**DRL4813NI / DRL4813NI-2**

**DRSQ38NI / DRSQ38NI-2**

**DRL6013NI / DRL6013NI-2**

### ⚠ CAUTION

Installation and service must be performed by a qualified installer, service agency or the gas fitter. Check local codes and read all instructions prior to installation.

**⚠ WARNING:**  
**FIRE OR EXPLOSION HAZARD**  
Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

— **WHAT TO DO IF YOU SMELL GAS**

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

— Installation and service must be performed by a qualified installer, service agency or the gas fitter.

Listed direct vent appliances can be installed on existing 5" Certified B-Vent system by using BVK35 kit and inserting a 3" aluminum flex liner within the B-vent and utilizing the space between the flex and B-Vent for combustion air.

The BVK35 kit and listed fireplace models could also be connected to existing 6" Certified B-Vent system by using Certified 5" to 6" B-Vent increaser (not provided with the BVK35 kit).

The BVK35 kit is approved for use with following NG models only: DRL36, DRL48, DRL60, DRSQ34, DRSQ38. **LP CONVERSION IS NOT ALLOWED WHEN RETROFITTING INTO EXISTING B-VENT.**

### NOTICE

**Installer:** Leave this manual with the appliance. Please refer to the Montigo website for the most current version of the fireplace manual

**Consumer:** Retain this manual for future reference. Please refer to the Montigo website for the most current version of the fireplace manual

### ⚠ WARNING

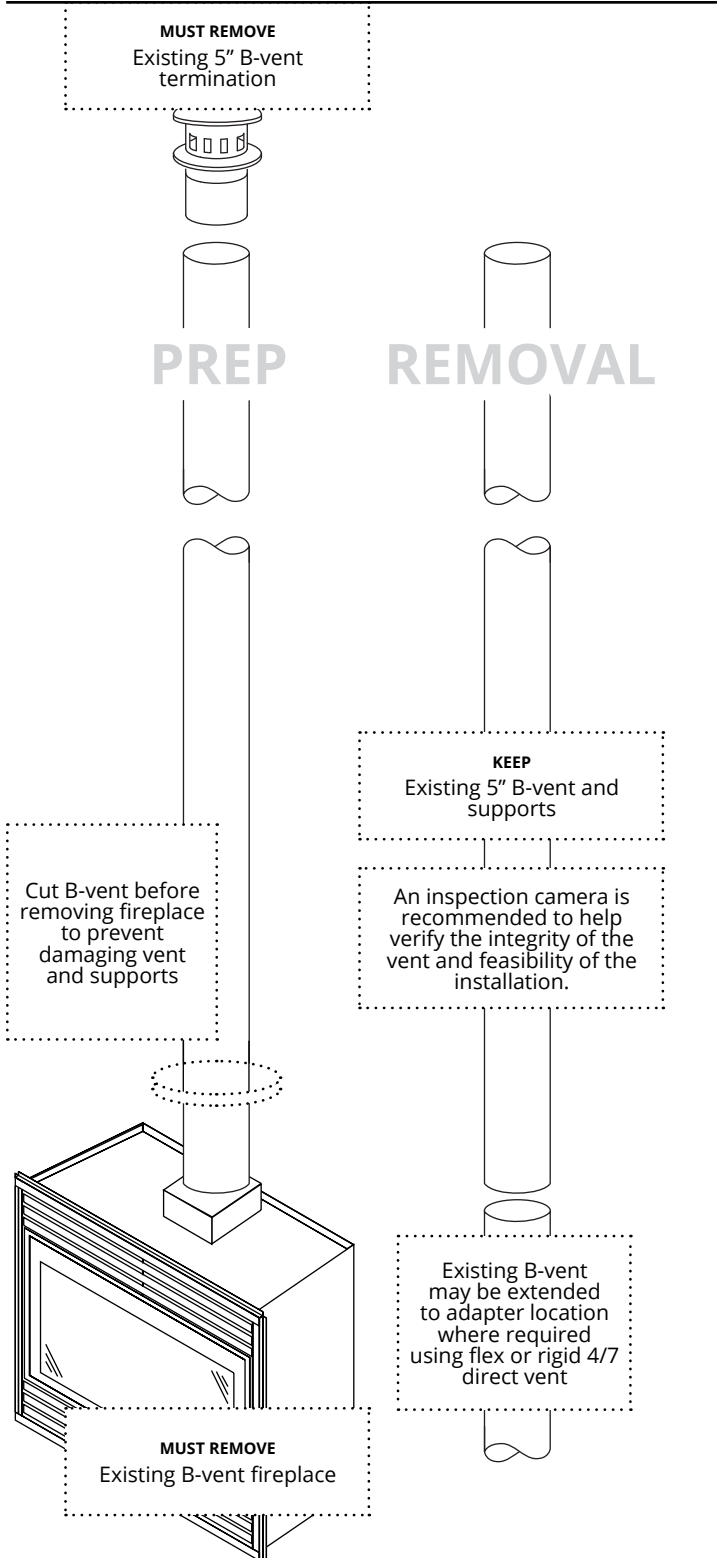
Some materials used in the manufacturing process of this product can expose you to Benzene which is known in the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

The dimensions of the appliance and the clearances to combustibles are listed in the installation manuals packaged with the appliance. Venting must terminate through the roof, no side venting allowable. 4"x7" coaxial vent rigid or flex pipe can be used to extend from top of fireplace to Lower B-Vent adapter attached to existing B-Vent. If 4"x 7" flex pipe is used then existing B-Vent must be properly strapped to support its weight.

#### **INSTALLERS RESPONSIBILITIES BEFORE AND AFTER CONVERSION TO DIRECT VENT COMPLETED:**

- Inspect existing B-Vent configuration allows installation of 3" flex liner without damage to the existing vent system.
- Inspect existing B-Vent is damage free and adequately supported.
- Confirm existing B-Vent has minimum 1" clearance to combustible materials through all vent length.
- Confirm existing venting dual wall pipe, not single wall pipe.
- Direct vent fireplace is installed as prescribed in the installation manual packaged with the fireplace

## Overview



## NOTICE

Rear venting not permitted with the use of this kit, only use with top vented applications.

### Parts included

- Duravent 5" B-Vent to DV conversion Lower and Upper adapter kit BVA35
- Duravent - Montigo collar adapter 46DVA-AD-M1
- 4/7 Male vent connector
- MVA Conversion label

### Parts NOT included

- Certified two ply 3" flex liner
- Sealants and foil tape, screws
- Roof termination, Duravent 46DVA-VCH (recommended) or equivalent
- Certified 4/7" flex section (optional)

The BVK35 Kit uses the below vent run requirements which replaces the ones referenced in the fireplace instruction manuals

Max/Min Vent runs (All applicable units other than DRL6013)	
min venting height	9'
max venting height	34'

Max/Min Vent runs (DRL6013)	
min venting height	11'
max venting height	34'

Aside from the venting and restrictor settings, the BVK35 has no effect on any other aspect of appliance installation.

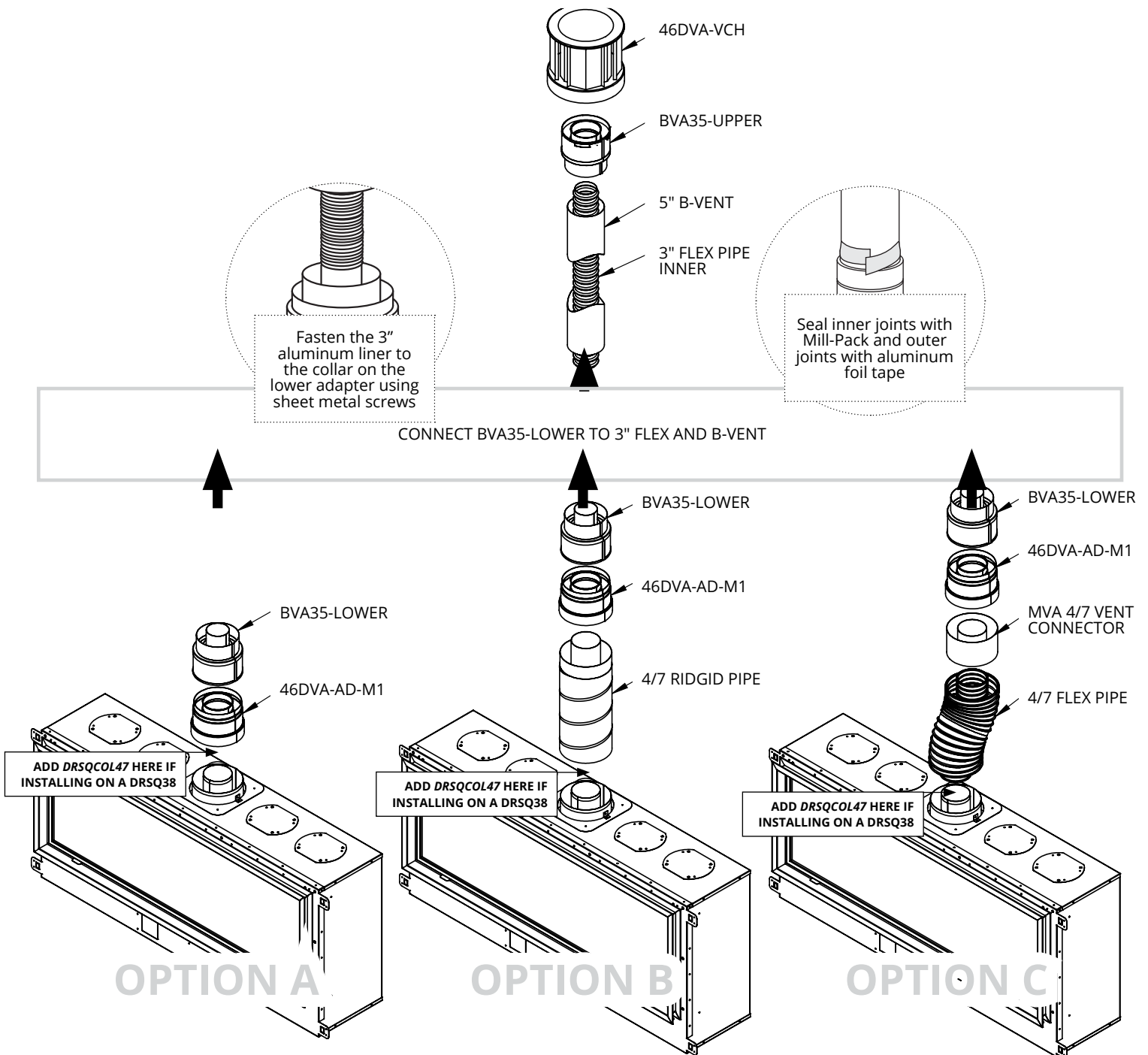
The listed direct vent models may only be installed onto B-vent systems using approved adapters packaged with this kit and following these instructions. Completely enclose the 3-inch aluminum flex liners within the existing B-vent.

**DO NOT USE SINGLE WALL B VENT.**

## Preparation

1. Ensure the existing vent is well supported and no screws will penetrate the aluminum liner.
2. The existing B-vent cap should be removed and discarded, using a weighted line, determine the total length of the vent and whether there are offsets. It is important to do this before starting any destructive work. In order to ensure that installation is feasible, it may be preferable to do this before removing the existing appliance. Once the liner installation has been verified with the minimum/maximum vent run table, the existing appliance can be removed.
3. Ensure that the lower portion of the existing B-vent is not damaged as you remove the existing appliance.

## TERMINATION



### BASIC CONNECTION

Fireplace flue aligns with existing B-Vent and there is enough existing B-Vent length to slide over fireplace.

Mostly short, vertical (no offsets) B-Vent runs where existing B-Vent has some slack to slightly lift it and slide fireplace under it.

### EXTENDED CONNECTION

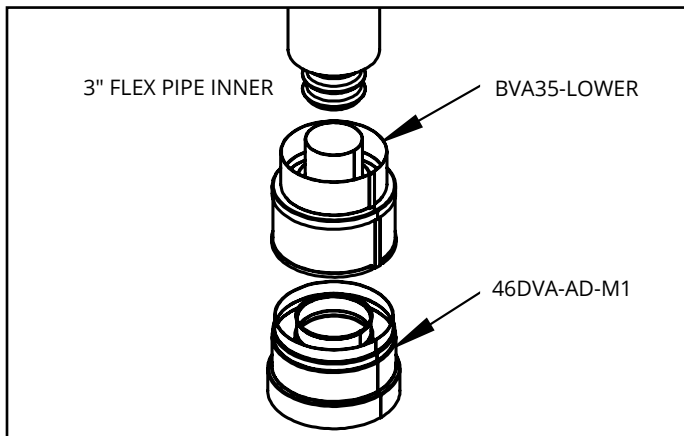
Similar to scenario connection A but existing B-vent needs to be extended to reach new fireplace. Montigo MEXT (EXT18 can be used for short extensions) shall be used to extend to B-Vent

### EXTENDED FLEX CONNECTION

Fireplace flue does not align with existing B-Vent and/or existing B-Vent does not have slack to lift it and slide fireplace under it. Mostly long B-Vent runs with 45° offsets. Recommended flex: Montigo MFL, Duravent 46DVA-\*\*FO (collarless), Flexmaster 4DVKIT47\*\* or equivalent certified true size 4/7 dual ply.

## Installation

- Go to the roof and slide continuous 3" 2 ply certified flex pipe down the center of certified B-Vent pipe. Note: no 3" flex liner joints are allowed except where its secured to lower and upper BVA35 adapters.
- Go back down to fireplace and make sure flex liner is protruding from the bottom of B-Vent pipe. Apply thin continuous bead of Mill-Pack sealant on lower adapter flue collar and fasten the 3" aluminum liner to the flue collar using sheet metal screws, make sure screws punctured adapters flue collar and tightened flex liner to it. Mount Montigo to Duravent adapter 46DVA-AD-M1 to lower B-Vent adapter, twist to lock. Mount 46DVA-AD-M1 adapter over fireplace collar or rigid pipe extension, seal inner joints with Mill-Pack and outer joints with aluminum foil tape. If flex coaxial pipes are used as an extension, use MVA male adapter (provided with the kit) to connect flex pipe to 46DVA-AD-M1 adapter. Use sheet metal screws to secure MVA to flex pipe, seal inner joints with Mill-Pack and outer joints with aluminum foil tape.



- Continue with installation of fireplace, following instructions packaged with the fireplace. Make sure all clearances to combustible materials are met per fireplace installation manual.
- Go back to the roof and install the upper adapter. Gently pull the 3" aluminum liner and cut off any excess. Apply thin continuous bead of Mill-Pack sealant on upper adapter flue collar and fasten the 3" aluminum liner to the flue collar using sheet metal screws, make sure screws punctured adapters flue collar and tightened flex liner to it.
- Slide upper adapter over B-Vent, seal the outer seams with high temperature silicone. Push Duravent 46DVA-VCH (or equivalent direct vent vertical termination cap) termination cap over upper B-Vent adapter and twist to lock, seal outer joint with high temperature silicone. Apply conversion label (supplied with kit) to the other side of fireplace rating plate plaque over the existing NG/LP conversion label.

## Flue restrictors

Flue restrictors (if equipped) are to be adjusted in field depending on flame quality and vent length. Units that do not come standard with a restrictor can use the optional FRK3 restrictor kit.



### FRK3 restrictor use in DRL units:

- Grab desired width restrictor plate
- Bend restrictor plate as shown
- Slide over fireplace flue opening and secure with self tapping screws



## Finishing

Do not close in and finish chase before the correct flame pattern and combustion has been established. All other finishing instructions can be found in the manual for the fireplace.