



ATTENTION

- Read these instructions carefully.
- Failure to follow them and/or improper installation may cause explosion, property damage and injuries.
- Installation must be done with the supervision of a licensed burner technician.
- The system must meet all applicable national and local code requirements.
- Check the ratings in the specifications to verify that the product is suitable for your application.
- Never perform work if gas pressure or power is applied, or in the presence of an open flame.
- Once installed, perform a complete checkout including leak testing.
- Label all wires prior to disconnection when servicing. Wiring errors can cause improper and dangerous operation.
- Verify proper operation after servicing.

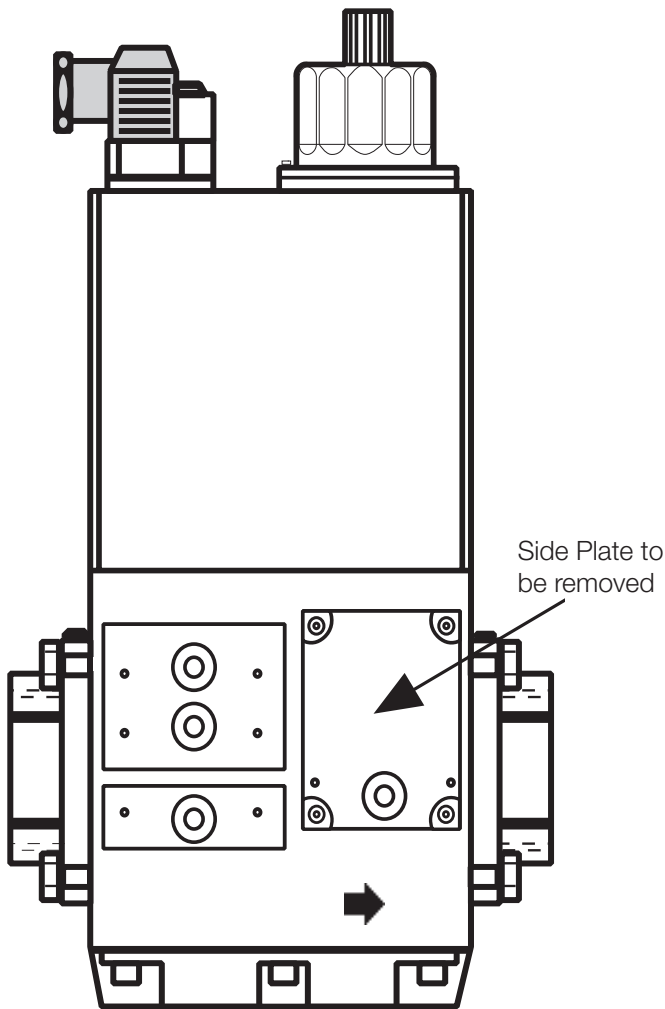
INSTALLING THE VENT LINE ADAPTER

Recommended Preparation

- The power and main gas supply must be shut off before starting the installation.
- Read these installation instructions carefully.
- Examine the inside of the valve, vent line adapter, and flanges. All piping must be clean and free of dirt.

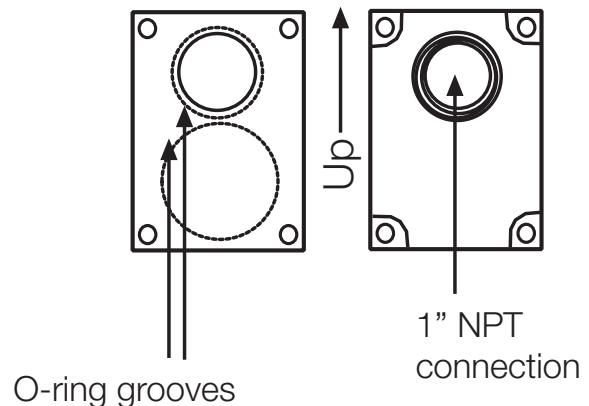
Recommended Procedure to Mount the Vent Line Adapter (VLA)

1. Using a 4 mm Allen driver, remove the side plate (located on either side of the valve) on which the VLA will be installed. (Fig. 1)
2. Insert the new O-Rings supplied with the VLA in the appropriate grooves locate on the back side of the VLA (Fig. 2).
3. Mount the VLA to the valve so that the 1" NPT port is orientated towards the top of the valve. (Fig. 2); (Fig. 3)
4. Secure the VLA to the DMV with the 4mm screws included with the VLA. Tighten in a criss cross pattern while torquing each screw to 45 lb-in .
5. After installation is completed, use a soapy solution to leak test the vent line adapter to confirm that no leakage occurs. The presence of bubbles indicates a leak.



(Fig. 1)

CAUTION: Installation must be done with the supervision of a licensed burner technician. The system must meet all applicable codes. Improper installation may cause explosions, property damage and injuries.




(Fig. 2)


VENT LINE CONNECTION


Recommended Procedure to Pipe the Vent Line Adapter


- Use new, properly reamed and threaded pipe.
- Apply good quality pipe sealant, putting a moderate amount on the male threads only.
- Do not overtighten the pipe. Follow the maximum torque values listed below.


1"	NPT pipe
750	[lb-in]
- After installation is completed, using a soapy solution leak test the vent line connection to confirm that no leakage occurs. The presence of bubbles indicates a leak.

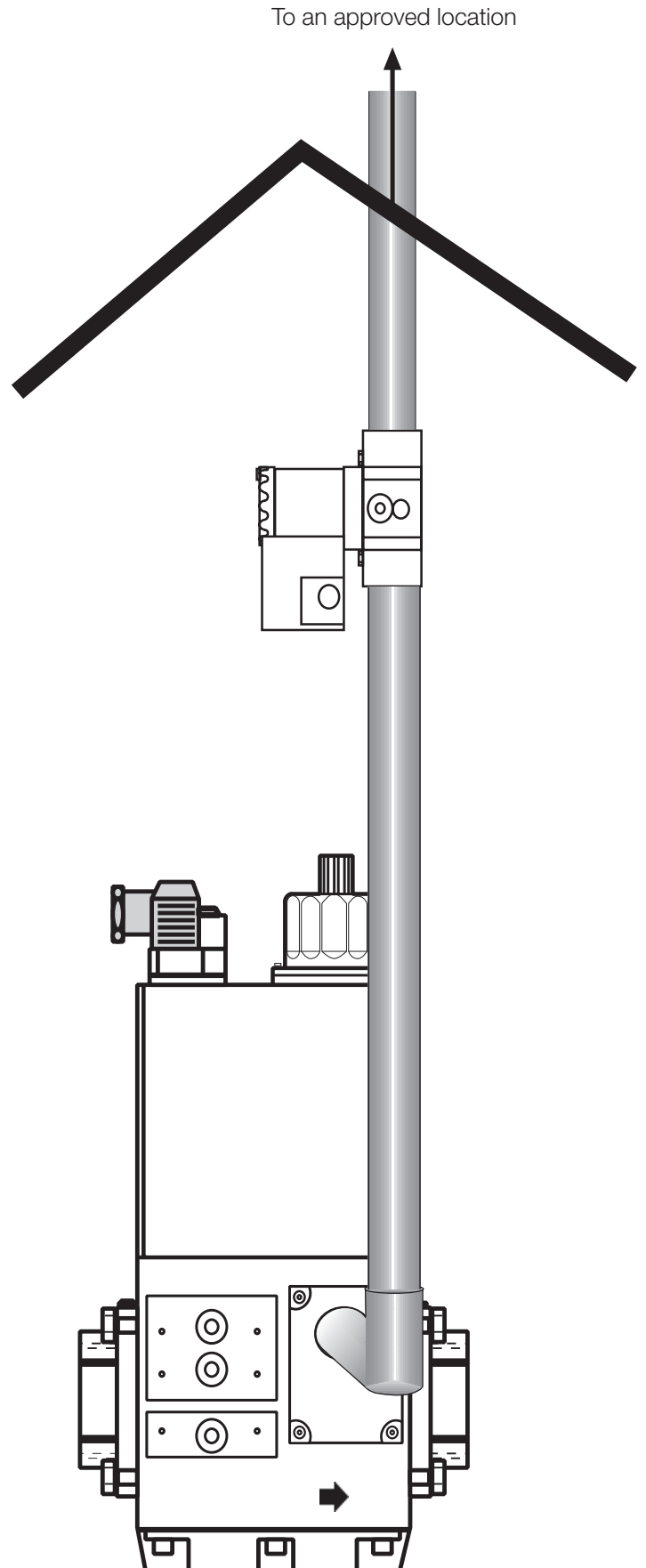
 CAUTION: The Vent Line must be properly installed. The use of a normally open vent valve is required. (see fig. 3)

 See installation manual for supply gas line connections and operation of the valve.

 Not a supply gas connection, Vent Line connection ONLY.

 Vent Line must be vented to a safe location as determined by the authority having jurisdiction.

 CAUTION: Piping must comply with applicable local and national codes and ordinances, including the National Fuel Gas Code ANSI Z223.1/NFPA 54.



(Fig. 3)