

Dual Modular Safety Safety Shutoff Valves with Vent Line Adapter

DMV/6x2 Series
DMV/6x4L Series
DMV-ZR/6x2 Series

DUNGS®
Combustion Controls



Two normally closed safety shut-off valves in one housing; each with the following approvals.

UL Recognized

- UL 429
- File # MH16727

CSA Certified

- ANSI Z21.21 • CSA 6.5
- Marked C/I
- File # 157406

FM Approved

- Class 7411
- Report # J.I.1Z6A0.AF

Commonwealth of Massachusetts Approved Product

- Approval code G1-1107-35
- Gas Safety Shutoff Valve

US and Canadian Models

- DMV-D 701/6x2, 7x2/602, and 703/6x2
- DMV-DLE 701/6x2, 702/6x2, and 703/6x2
- DMV-D 7x2/6x4 and 703/6x4
- DMV-DLE 702/6x4 and 703/6x4
- DMV-ZRD 701/6x2, 7x2/602, and 703/6x2
- DMV-ZRDLE 701/6x2, 702/6x2, and 703/6x2
- Main gas connections available:
1/2 in. NPT - 2 in. NPT

Codes and Standards:

This product is intended for installations covered by but not limited to NFPA 86, ANSI Z83.4, ANSI Z83.18, ANSI Z21.13, or CSA B149.3.

**DUNGS is an ISO 9001
manufacturing facility.**



Description

The Dual Modular Valves with Vent Line Adapter (DMV-VLA) combines two safety shutoff valves in one compact housing with a factory installed vent line connection between the two safety valves.

- DMV-D series contain two fast opening and fast closing safety shutoff valves, and max. flow adjustment to vary the flow.
- DMV-DLE series have an extra feature. Valve two is a slow-opening valve.
- DMV valves ending /622, /624L and /612 have proof of closure.
- DMV valves ending in L are rated as NEMA Type 4.
- DMV ZR series valves have two stage operation.

Directly mounting the following accessories creates a compact valve train without additional piping:

- Pressure regulator
- High and low gas pressure switches
- Valve proving system
- DMK Butterfly control valve

Application

The DMV-VLA is recommended for industrial and commercial heating applications that require two safety shutoff valves with a vent line connection between the safety shutoff valves. The DMV-VLA is suitable for natural gas, propane, butane, air and inert gases.

Type	Order # for 110-120 VAC 50-60 Hz	Type with proof of closure	Order # for 110-120 VAC 50-60 Hz
DMV-D VLA 701/602	224-842V	DMV-D VLA 701/622	243-761VP
DMV-D VLA 702/602	224-843V	DMV-D VLA 702/622	230-791VP
DMV-D VLA 703/602	224-844V	DMV-D VLA 703/622	230-793VP
DMV-DLE VLA 701/602	224-845V	DMV-DLE VLA 701/622	244-000VP
DMV-DLE VLA 702/602	228-223V	DMV-DLE VLA 702/622	230-792VP
DMV-DLE VLA 703/602	224-847V	DMV-DLE VLA 703/622	230-794VP

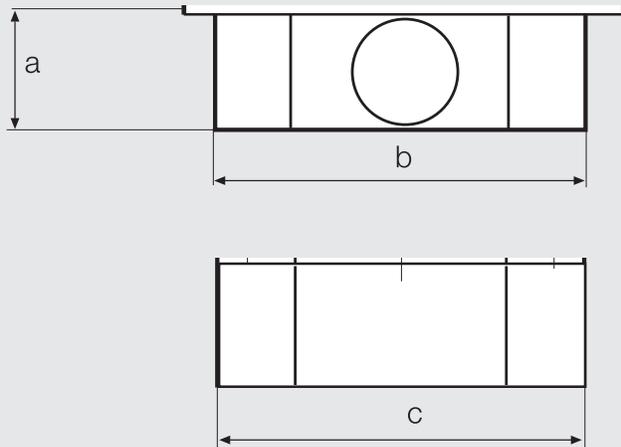
Type with NEMA Type 4 enclosure	Order # for 110-120 VAC 50-60 Hz	Type with proof of closure and NEMA Type 4 enclosure	Order # for 110-120 VAC 50-60 Hz
DMV-D VLA 702/604L	240-610V	DMV-D VLA 702/624L	240-610VP
DMV-D VLA 703/604L	241-436V	DMV-D VLA 703/624L	241-436VP
DMV-DLE VLA 702/604L	240-805V	DMV-DLE VLA 702/624L	240-805VP
DMV-DLE VLA 703/604L	241-435V	DMV-DLE VLA 703/624L	241-435VP

Type with two stage operation	Order # for 110-120 VAC 50-60 Hz	Type with proof of closure and two stage operation	Order # for 110-120 VAC 50-60 Hz
DMV-ZRD VLA 701/602	231-844V	DMV-ZRD VLA 701/612	231-844VP
DMV-ZRD VLA 702/602	232-025V	DMV-ZRD VLA 702/612	232-025VP
DMV-ZRD VLA 703/602	232-025V	DMV-ZRD VLA 703/612	232-025VP
DMV-ZRDLE VLA 701/602	232-173V	DMV-ZRDLE VLA 701/612	232-173VP
DMV-ZRDLE VLA 702/602	232-214V	DMV-ZRDLE VLA 702/612	232-214VP
DMV-ZRDLE VLA 703/602	232-232V	DMV-ZRDLE VLA 703/612	232-232VP

**Dual Modular Safety
Shutoff Valves
With Vent Line Adapter**



Dimensions



• The DMV 701 with VLA has a 3/4" NPT connection on both sides of the valve.

• The DMV 702/703 with VLA has a 1" NPT connection on both sides of the valve. A 1" to 3/4" reducer is required when a 3/4" vent valve is used.

VLA connection is perpendicular to main gas flow

Valve body Size	Dimension of Vent Line Adapter as mounted to DMV valve[inch]*			Threaded connection in Vent Line Adapter
	a	b	c	
DMV 701	1.8 46	2.8 71	2.8 71	3/4" NPT
DMV 702	2 50	4 100	4 100	1" NPT
DMV 703	2 50	4 100	4 100	1"NPT

*Refer to valve sales brochure to determine dimensions of specific valve body, and add the dimensions shown above.

Vent Line Connection

Certain codes and authorities having jurisdiction specify the size of the vent line based on the main gas line diameter.

Typical requirements are:

- For main gas lines up to 1 1/2"; the vent line must be 3/4" minimum.
- For a 2" main gas line; the vent line must be 1" minimum.

We reserve the right to make any changes in the interest of technical progress.

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