



# Certificate of Compliance

**Certificate:** 1010989 (LR 112901)

**Master Contract:** 157406

**Project:** 2684159

**Date Issued:** December 20, 2013

**Issued to:** Karl Dungs Inc

3890 Pheasant Ridge Dr NE, Ste 150  
Blaine, MN 55449  
USA  
Attention: Jerome Bosc

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*John Kristoff-Kichka*

**Issued by:** John Kristoff-Kichka

## PRODUCTS

**CLASS 3371 03** - VALVES (GAS) - Automatic - For Gas Appliances

**CLASS 3371 83** - VALVES (GAS) - Automatic-For Gas Appliances-Certified to U.S. Standards

Dual Automatic Valves

Trade Name: DUNGS

For Use With Natural, Mfd., Mixed, Propane, Liq. Pet. Gases and LP Gas-Air Mixtures

<b>Model Number</b>	<b>Capacity (Btu/Hr.)</b>	<b>Size (NPT)</b>	<b>PSIG Rating</b>
ΔDMV-(D,DLE) 701/6(0,2,3)2	345,000	1/2	7
ΔDMV-(D,DLE) 701/6(0,2,3)2	457,000	1	7
ΔDMV-ZR(D,DLE) 701/6(0,1)2	457,000	1	7
ΔDMV-(D,DLE) 702/6(0,2,3)2	1,065,000	1	7
ΔDMV-ZR(D,DLE) 702/6(0,1)2	1,065,000	1	7



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ΔDMV-(D,DLE) 702/6(0,2,3)2	1,156,250	1-1/4	7
ΔDMV-ZR(D,DLE) 702/6(0,1)2	1,156,000	1-1/4	7
ΔDMV-(D,DLE) 702/6(0,2,3)2	1,247,000	1-1/2	7
ΔDMV-ZR(D,DLE) 702/6(0,1)2	1,247,000	1-1/2	7
ΔDMV-(D,DLE) 702/6(0,2,3)2	1,430,000	2	7
ΔDMV-ZR(D,DLE) 702/6(0,1)2	1,430,000	2	7
ΔDMV-(D,DLE) 703/6(0,2,3)2	1,230,000	1	7
ΔDMV-ZR(D,DLE) 703/6(0,1)2	1,230,000	1	7
ΔDMV-(D,DLE) 703/6(0,2,3)2	1,371,000	1-1/4	7
ΔDMV-ZR(D,DLE) 703/6(0,1)2	1,371,000	1-1/4	7
ΔDMV-(D,DLE) 703/6(0,2,3)2	1,653,750	1-1/2	7
ΔDMV-ZR(D,DLE) 703/6(0,1)2	1,653,000	1-1/2	7
ΔDMV-(D,DLE) 703/6(0,2,3)2	1,795,000	2	7
ΔDMV-ZR(D,DLE) 703/6(0,1)2	1,795,000	2	7
*ΔDMV-(D,LE) 5040/11	*	*	7
*ΔDMV-(D,LE) 5050/11	*	*	7
*ΔDMV-(D,LE) 5065/11	*	*	7
*ΔDMV-(D,LE) 5080/11	*	*	7
*ΔDMV-(D,LE) 5100/11	*	*	7
*ΔDMV-(D,LE) 5125/11	*	*	7
ΔDMV-(D,DLE) 702/6(0,2,3)4 (L)	1,065,000	1	7
ΔDMV-(D,DLE) 702/6(0,2,3)4 (L)	1,156,000	1-1/4	7
ΔDMV-(D,DLE) 702/6(0,2,3)4 (L)	1,247,000	1-1/2	7
ΔDMV-(D,DLE) 702/6(0,2,3)4 (L)	1,430,000	2	7
ΔDMV-(D,DLE) 703/6(0,2,3)4 (L)	1,230,000	1	7



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ΔDMV-(D,DLE) 703/6(0,2,3)4 (L)	1,371,000	1-1/4	7
ΔDMV-(D,DLE) 703/6(0,2,3)4 (L)	1,653,750	1-1/2	7
ΔDMV-(D,DLE) 703/6(0,2,3)4 (L)	1,795,000	2	7
ΔDMV-(D,DLE) 704/6(0,2,3)4 (L)	1,795,000	2	7
Δ DMV-(D,DLE) 525/11	8,253,715	2	5
ΔDMV-SE 507	85,000	1/2	7
ΔDMV-SE 507	85,000	3/4	7
ΔDMV-SE 507	85,000	1	7
ΔDMV-SE (512, 520)	280,000	1	7
ΔDMV-SE (512, 520)	280,000	1-1/4	7
ΔDMV-SE (512, 520)	280,000	1-1/2	7
ΔDMV-SE (512, 520)	280,000	2	7
ΔDMV-SE 525	430,000	2	7
ΔDMV-VEF 507	85,000	1/2	7
ΔDMV-VEF 507	85,000	3/4	7
ΔDMV-VEF 507	85,000	1	7
ΔDMV-VEF (512, 520)	280,000	1	7
ΔDMV-VEF (512, 520)	280,000	1-1/4	7
ΔDMV-VEF (512, 520)	280,000	1-1/2	7
ΔDMV-VEF (512, 520)	280,000	2	7
ΔDMV-VEF 525	430,000	2	7
*ΔDMV 50025	13,960,000	1	60
*ΔDMV 50050	23,731,000	2	60
*ΔDMV-(D, DLE)5065/11 ECO	13,700,000	2.5	7
*ΔDMV-(D, DLE)5080/11 ECO	22,160,000	3	7



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*ΔDMV-(D, DLE)5100/11 ECO	46,744,000	4	7
*ΔDMV-(D, DLE)5125/11 ECO	52,104,000	5	7
*ΔDMV-(D, DLE)5065/11 – 6(0,1,2,3)2 ECO	13,700,000	2.5	7
*ΔDMV-(D, DLE)5080/11 – 6(0,1,2,3)2 ECO	22,160,000	3	7
*ΔDMV-(D, DLE)5100/11 – 6(0,1,2,3)2 ECO	46,744,000	4	7
*ΔDMV-(D, DLE)5125/11 – 6(0,1,2,3)2 ECO	52,104,000	5	7
*ΔDMV-(D, DLE)5065/12	13,700,000	2.5	7
*ΔDMV-(D, DLE)5080/12	22,160,000	3	7
*ΔDMV-(D, DLE)5100/12	46,744,000	4	7
*ΔDMV-(D, DLE)5125/12	52,104,000	5	7
*ΔDMV-(D, DLE)5065/11 – 6(0,1,2,3)4 ECO	13,700,000	2.5	7
*ΔDMV-(D, DLE)5080/11 – 6(0,1,2,3)4 ECO	22,160,000	3	7
*ΔDMV-(D, DLE)5100/11 – 6(0,1,2,3)4 ECO	46,744,000	4	7
*ΔDMV-(D, DLE)5125/11 – 6(0,1,2,3)4 ECO	52,104,000	5	7
*Δ DMV-(D,DLE)525/11 ECO	8,253,715	2	5

**SZRD 300, 700, 1000, & 2500**, Fast Acting “Shutter” type automatic valve, can be connected to the outlet flange on the DMV Series valves.

**Single Automatic Valve**

Trade Name: DUNGS

For Use With Natural, Mfd., Mixed, Propane, Liq. Pet. Gases and LP Gas-Air Mixtures

Model Number	Capacity	Size	PSIG
<b>**ΔCV 10020/602, HPSV 10020/604</b>	11,627,250	2	60

\*\* A105, ANSI B16.5, 150 Lbs, 2”NPT (F)

\* ISO 7005-1 & 02 Flange Connection Does Not Comply with Section 1.5 (Connections) of ANSI Z21.21-2012•CSA 6.5-2012



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ΔCommercial/Industrial Safety Shut-Off Valves, Part III & IV ANSI Z21.21-2012•CSA 6.5-2012  
**SZRD300, 700, 1000, & 2500**, Fast Acting “Shutter” type automatic valve, can be connected to the outlet flange on the DMV Series valves.

**PRODUCTS**

**CLASS 3371 04 - VALVES (GAS) – Automatic for Gas Appliances**

**Single Automatic Valve**

Trade Name: DUNGS

For Use With Natural, Mfd., Mixed, Propane, Liq. Pet. Gases and LP Gas-Air Mixtures

Model Number	Capacity	Size	PSIG
<b>**ΔCV 10020/602, HPSV 10020/604</b>	11,627,250	2	100
** A105, ANSI B16.5, 150 Lbs, 2”NPT (F)			
CANADA (CGA 3.9-M94) Certification Only			

ΔCommercial/Industrial Safety Shut-Off Valve, Part III & IV ANSI Z21.21-2012•CSA 6.5-2012

**CLASS 3331 02 - REGULATORS (GAS) - Gas Appliance Pressure**

**CLASS 3331 82 - REGULATORS (GAS) - Gas Appliance Pressure**

Model Number	Inlet Size	Outlet Size
Pressure Rating - 7 psi		
Trade Name: DUNGS		
DMV-SE 507	2-1/2	2-1/2
DMV-SE 507	3/4	3/4
DMV-SE 507	1	1
DMV-SE (512, 520)	1	1



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DMV-SE (512, 520)	1 1/4	1 1/4
DMV-SE (512, 520)	1 1/2	1 1/2
DMV-SE (512, 520)	2	2
DMV-SE 525	2	2
DMV-VEF 507	1/2	1/2
DMV-VEF 507	3/4	3/4
DMV-VEF 507	1	1
DMV-VEF (512, 520)	1	1
DMV-VEF (512, 520)	1-1/4	1-1/4
DMV-VEF (512, 520)	1-1/2	1-1/2
DMV-VEF (512, 520)	2	2
DMV-VEF 525	2	2

#### **APPLICABLE REQUIREMENTS**

ANSI Z21.18-2007•CSA 6.3-2007	Gas Appliance Pressure Regulators
ANSI Z21.18a-2010•CSA 6.3a-2010	Gas Appliance Pressure Regulators
ANSI Z21.18b-2012•CSA 6.3b-2012	Gas Appliance Pressure Regulators
ANSI Z21.21-2012•CSA 6.5-2012	Automatic Valves for Gas Appliances (Part I through Part VI)
CSA International Requirement No. 5.01	Gas/Air Ratio Controls For Gas Burning Appliances
CGA 3.9-M94	Automatic Safety Shut-Off Gas Valves



# Certificate of Compliance

**Certificate:** 70011088

**Master Contract:** 157406

**Project:** 70011088

**Date Issued:** November 21, 2014

**Issued to:** Karl Dungs Inc

3890 Pheasant Ridge Dr NE, Ste 150  
Blaine, MN 55449  
USA  
Attention: Jerome Bosc

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*Khushboo Patel*

**Issued by:** Khushboo Patel

## **PRODUCTS**

**CLASS 3378 81** - VALVES (GAS)-Electrically Operated - For Use in Hazardous Locations-Certified to U.S. Standards

**CLASS 3378 01** - VALVES (GAS) - Electrically Operated - For Use in Hazardous Locations

**Class I, Division 2, Groups C and D, Temperature code T4A**

Single Automatic Valve

Trade Name: DUNGS

For use with Natural, Mfd., Mixed, Propane, Liq. Pet. Gases and LP Gas-Air Mixtures

Model Number	Capacity	Size	PSIG
CV 10020/602, HPSV 10020/604	11,627,250	2	100



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Flange Installation: A105, ANSI B16.5, 150 Lbs, 2"NPT (F)

Electrical ratings: 24VDC

Power consumption: 45W

Ambient temperature range: -20°F to 140°F

Max operating pressure: 100PSI

Mounting Position: Solenoid vertical to horizontal

Closing/opening time: < 1 sec

Note: Wiring for CV model shall be Ex ia, Ex ib, Ex ic, or Nonincendive field wiring, as defined under the Canadian Electrical Code, C22.1 and the National Electrical Code, NFPA 70.

### **APPLICABLE REQUIREMENTS**

ANSI Z21.21-2012•CSA 6.5-2012 Automatic Valves for Gas Appliances (Part I through Part IV)

ANSI/ISA-12.12.01-2013 Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

C22.2 No. 213-M1987(R 2013) Non-incendive electrical equipment for use in class I, division 2 hazardous locations

UL 50/ CSA C22.2 No. 94.1-07 Enclosures for Electrical Equipment, Non-Environmental Considerations

UL 50E / CSA C22.2 No. 94.2-07 Enclosures for Electrical Equipment, Environmental Considerations