



Certificate of Compliance

Certificate: 1010989

Master Contract: 157406

Project: 80138552

Date Issued: 2022-10-07

Issued To: Karl Dungs Inc
3890 Pheasant Ridge Dr NE
Blaine, Minnesota, 55449
United States

Attention: Kevin Carlisle

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.

Issued by: Bob Greene
Bob Greene



PRODUCTS

CLASS - C337103 - VALVES (GAS) Automatic - For Gas Appliances

CLASS - C337183 - 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

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



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♦DMV-ZR(D,DLE) 702/6(0,1)2	1,065,000	1	7
♦DMV-(D,DLE) 702/6(0,2,3)2	1,156,250	1-1/4	7
♦DMV-ZR(D,DLE) 702/6(0,1)2	1,156,000	1-1/4	7
♦DMV-(D,DLE) 702/6(0,2,3)2	1,247,000	1-1/2	7
♦DMV-ZR(D,DLE) 702/6(0,1)2	1,247,000	1-1/2	7
♦DMV-(D,DLE) 702/6(0,2,3)2	1,430,000	2	7
♦DMV-ZR(D,DLE) 702/6(0,1)2	1,430,000	2	7
♦DMV-(D,DLE) 703/6(0,2,3)2	1,230,000	1	7
♦DMV-ZR(D,DLE) 703/6(0,1)2	1,230,000	1	7
♦DMV-(D,DLE) 703/6(0,2,3)2	1,371,000	1-1/4	7
♦DMV-ZR(D,DLE) 703/6(0,1)2	1,371,000	1-1/4	7
♦DMV-(D,DLE) 703/6(0,2,3)2	1,653,750	1-1/2	7
♦DMV-ZR(D,DLE) 703/6(0,1)2	1,653,000	1-1/2	7
♦DMV-(D,DLE) 703/6(0,2,3)2	1,795,000	2	7
♦DMV-ZR(D,DLE) 703/6(0,1)2	1,795,000	2	7
*♦DMV-(D,LE) 5040/11	*	*	7
*♦DMV-(D,LE) 5050/11	*	*	7
*♦DMV-(D,LE) 5065/11	*	*	7
*♦DMV-(D,LE) 5080/11	*	*	7
*♦DMV-(D,LE) 5100/11	*	*	7
*♦DMV-(D,LE) 5125/11	*	*	7
♦DMV-(D,DLE) 702/6(0,2,3)4 (L)	1,065,000	1	7
♦DMV-(D,DLE) 702/6(0,2,3)4 (L)	1,156,000	1-1/4	7
♦DMV-(D,DLE) 702/6(0,2,3)4 (L)	1,247,000	1-1/2	7
♦DMV-(D,DLE) 702/6(0,2,3)4 (L)	1,430,000	2	7
♦DMV-(D,DLE) 703/6(0,2,3)4 (L)	1,230,000	1	7
♦DMV-(D,DLE) 703/6(0,2,3)4 (L)	1,371,000	1-1/4	7
♦DMV-(D,DLE) 703/6(0,2,3)4 (L)	1,653,750	1-1/2	7
♦DMV-(D,DLE) 703/6(0,2,3)4 (L)	1,795,000	2	7
♦DMV-(D,DLE) 704/6(0,2,3)4 (L)	1,795,000	2	7
♦DMV-(D,DLE)525/11	8,253,715	2	5
♦DMV-SE 507	85,000	1/2	7
♦DMV-SE 507	85,000	3/4	7
♦DMV-SE 507	85,000	1	7
♦DMV-SE (512, 520)	280,000	1	7
♦DMV-SE (512, 520)	280,000	1-1/4	7
♦DMV-SE (512, 520)	280,000	1-1/2	7
♦DMV-SE (512, 520)	280,000	2	7
♦DMV-SE 525	430,000	2	7
♦DMV-VEF 507	85,000	1/2	7
♦DMV-VEF 507	85,000	3/4	7
♦DMV-VEF 507	85,000	1	7
♦DMV-VEF (512, 520)	280,000	1	7
♦DMV-VEF (512, 520)	280,000	1-1/4	7
♦DMV-VEF (512, 520)	280,000	1-1/2	7



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♦DMV-VEF (512, 520)	280,000	2	7
♦DMV-VEF 525	430,000	2	7
*♦DMV 50025	13,960,000	1	60
*♦DMV 50050	23,731,000	2	60
DMV-(D) (DLE)5065/11 eco	13,700,000	2.5	7
*♦DMV-(D) (DLE)5080/11 eco	22,160,000	3	7
*♦DMV-(D) (DLE)5100/11 eco	46,744,000	4	7
*♦DMV-(D) (DLE)5125/11 eco	52,104,000	5	7
*♦DMV-(D) (DLE)5065/6(0,1,2,3)2 eco	13,700,000	2.5	7
*♦DMV-(D) (DLE)5080/6(0,1,2,3)2 eco	22,160,000	3	7
*♦DMV-(D) (DLE)5100/6(0,1,2,3)2 eco	46,744,000	4	7
*♦DMV-(D) (DLE)5125/ 6(0,1,2,3)2 eco	52,104,000	5	7
*♦DMV-(D) (DLE)5065/12	13,700,000	2.5	7
*♦DMV-(D) (DLE)5080/12	22,160,000	3	7
*♦DMV-(D) (DLE)5100/12	46,744,000	4	7
*♦DMV-(D, DLE)525/11 eco	8,253,715	2	5

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 VIP	15,010,715	2	100
**♦HPSV 10020/604 VIP	15,010,715	2	100
**♦CV 10020/614 HL	15,010,715	2	100
**♦HPSV 10020/614 HL	15,010,715	2	100
**♦HPSV 10020/614 PI	15,010,715	2	100

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

* ISO 7005-1 & 02 Flange Connection Does Not Comply with Section 4.4 (Connections) of CSA/ANSI Z21.21:19•CSA 6.5:19

♦Commercial/Industrial Safety Shut-Off Valves, Part 6 & 7 CSA/ANSI Z21.21:19•CSA 6.5:19

The Model No. DMV Series may have automatic valve Model SZRD 300, 700, 1000, 2500 mounted on the outlet connection.

CLASS - C333102 - REGULATORS (GAS) Gas Appliance Pressure

CLASS - C333182 - REGULATORS (GAS) Gas Appliance Pressure-Certified to U.S. Standards

Model Number	Inlet Size	Outlet Size
Pressure Rating - 7 psi		



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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
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

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

SMRD 1000, 2500 electric motor operated valve actuator body. Can be connected to the outlet flange on the DMV Series valves. The SMRD actuator was tested and authorized under CSA Certificate #70021601.

APPLICABLE REQUIREMENTS

CSA/ANSI Z21.18:19•CSA 6.3:19 – Fourth Edition Gas Appliance Pressure Regulators

CSA/ANSI Z21.21:19•CSA 6.5:19 "Automatic Valves for Gas Appliances" - Update No. 1 - March 2021 (Part 1 through Part 10)

Notes:

Products certified under Class C333102, C333182, C337103, C337183 have been certified under CSA's ISO/IEC 17065 accreditation with the American National Standards Institute (ANSI). www.ansi.org





Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80138552	2022-10-07	Add alternate construction for model nos. CV 10020/614 HL, CV 10020/614 PI, HPSV 10020/614 HL and HPSV 10020/614 PI to Report no. 1010989.
80118591	2022-07-26	FIR follow-up, update to Report 1010989 to address (FC# 157407) FIR dated January 12, 2022, Report 1010989
80113079	2022-04-12	Update to Notice Gas Products No. 457(CSA/ANSI Z21.21:19•CSA 6.5:19 "Automatic Valves For Gas Appliances" Sixth Edition), Inform Gas Products No. 456 (CSA/ANSI Z21.18:19•CSA 6.3:19 "Gas Appliance Pressure Regulators" Fourth Edition), Report 1010989, N19-124. Update drawings.
80105064	2022-03-17	Product Description: Model #CV 10020 Single High Pressure (100 PSI) Automatic Valve. Model #HPSV 10020 This Model is Similar to the Model #CV 10020 except incorporates two (2) 18" Long "Pigtail" Leads Connected Directly to the coil. Project Scope: Update to report 1010989. Test and Authorize a Proof of Closure Switch (POC) for both Models, CV 10020 and the HPSV 10020. There are two (2) (POC) switches requested as follows: One (1) POC switch without visual indication and One (1) POC switch with visual indication. Remove CLASS 3371 04 - VALVES (GAS) – Automatic for Gas Appliances, which has been replaced by CSA/ANSI Z21.21:19•CSA 6.5:19.
70129326	2017-06-27	Labels of the HPSV & CV valves were updated in Report 1010989.
70112383	2016-12-19	Update CSA Certificate #1010989 with new drawings associated with the alternate laser welding process.
70106217	2016-11-15	Update CSA Certificate #1010989 to show a 100 psig pressure rating for C/I models, CV10020/602 VIP and HPSV10020/604 VIP under ANSI Z21.21-2015•CSA 6.5-2015.
70083503	2016-06-30	Add revised drawings to report 1010989.



70048169	2015-10-01	Authorize the use of a DOW CORNING, SYLGARD(R) 170 Silicone Elastomer for the HPSV and CV Series valves.
70030659	2015-09-24	Added the SMRD 1000 1" NPT (F) and the SMRD 2500 2" NPT (F) Electric Motor Operated Valve Actuator to Report #1010989. The SMRD Actuator was certified under CSA Certificate #70021601.
70010987	2015-02-26	Drawing Package Update
2728559	2014-06-27	Added CLASS NUMBERS to U.S. Factory Location (F5); 3302 (01), (02), (81), (82) and 3331 (05), (85). Updated the Drawing File and Drawing Index.
2684159	2013-12-20	Updated the Certification Record & Descriptive Report and Test Results.
2656039	2013-10-29	Added new model HPSV 10020/604.
2629158	2013-07-26	Updated the Certification Report and Descriptive Drawing Package.
2616900	2013-05-17	Add Model SZRD Series "Shutter" valve assembly as an add-on to the Model DMV Series valves outlet connection.
2582435	2013-01-23	For DMV Series (7xx & 6xx), added an additional rubber "seat" material "Fluorosilicone". Increased operating pressure from 5 psig to 7 psig. Updated drawing package. Updated to ANSI Z21.21-2012•CSA 6.5-2012 & ANSI Z21.18b-2012•CSA 6.3b-2012 Standards.
2573695	2012-11-07	Certify the CV10020 for operation at -20°F to 140°F, and 100 PSI Rating for CANADA only to CGA 3.9-M94 Std. Certify the CV 10020 & DMV Series for Commercial/Industrial (C/I) to ANSI Z21.21b-2011•CSA 6.5b-2011 Standard.
2551991	2012-08-30	Added models DMV Series Dual Automatic Gas Control Valves incorporating new valve coils, valve bodies, and valve seats to report 1010989. Update to ANSI Z21.21b-2011•CSA 6.5b-2011.
2531603	2012-06-29	June 29, 2012 - Added model CV 10020/602 to report 1010989. Update to ANSI Z21.21b-2011•CSA 6.5b-2011
2421729	2011-05-24	Added CPI 401 proof of closure switch.
1717079	2005-10-05	Update drawings. Update to Z21.18-2005 and Z21.21-2005.
1524398	2004-03-09	Add alternate field mount adaptor. Update to Z21.21a-2001.
1500762	2003-11-24	Added model DMV-(D,DLE) 704/6(0,1,2,3)4.