




Date : 01 December, 2023

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	PR453755	CERTIFICATE NUMBER	PR453755
DATE OF ISSUE	17 February, 2022	DATE OF ISSUE	17 February, 2022
DATE OF EXPIRY	NONE	DATE OF EXPIRY	NONE
Manufacturer Details			
NAME OF FACTORY / MANUFACTURER	GW Sprinkler A/S	NAME OF THE BRAND	GW Sprinkler
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Kastanievej 15, DK-5620 Glamsbjerg Denmark	MODEL / NO	GW C-300 Series Automatic Water Control Valve with Pressure Control Pressure Reducing Valves Sizes: 3,4,6,8 and 10 inch NPS
WEBSITE	www.gwsprinkler.com	LOGO ON THE PRODUCT	 GW SPRINKLER A/S
TEL	+45 64722055	EMAIL	sales.dep@gwsprinkler.com




Product Details From Test Report		Reference Test Report page number
DESCRIPTION OF THE PRODUCT <small>(TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/ THICKNESS/ SENSITIVITY ETC)</small>	<p>Pressure Reducing Valves and Automatic Water Control Valves with Integrated Pressure Reducing control option for use in Deluge Systems.</p> <p>When equipped with the pressure control option, the GW C-300 Series Automatic Water Control Valves maintain the downstream pressure via the integrated pressure reducing pilot valve with the following specifications:</p> <p>The valves with pressure control are available with two springs for use in the trim pilot control valve which provide an adjustable outlet pressure range of 3 to 7 bar (44 to 102 psi) for sizes 3, 4, 6, 8, and 10 inch NPS and 7 to 12 bar (102 to 174 psi) for sizes 3, 4, 6, 8 and 10 inch NPS. Minimum and maximum allowable differential between inlet and set outlet pressures is 1 to 8 bar (15 to 116 psi).</p> <p>The electric release trims utilize a Thompson Valves Maxseal ICO4S solenoid valve, 24 V dc, 9.6 W, 1/4 in. NPS orifice. The solenoid valve body is constructed of Nickel Aluminum Bronze with a High Nitrile (NBR) seat material.</p> <p>The rated working pressure of all valves discussed in this Report is 20 bar (290 psi).</p>	1-4
TEST STANDARD <small>(SUCH AS ASTM/BS EN/ DN ETC)</small>	FM Class: 1011/1012/1013, 1020, 1362	2
TEST DESCRIPTION	<p>All testing and analysis considered appropriate was conducted and verified to be in compliance with the Standards listing in the Test Standards section. All data is on file at FM Approvals along with other documentation and correspondence applicable to this program.</p>	4
SPECIFICATION OF TEST SPECIMEN	The samples were considered to be representative of the product line and were examined, tested, and compared to the manufacturer's drawings.	4
TEST RESULT <small>(SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/ OBSERVATION___/ETC)</small>	Pass	4






Product Details From Test Report		Reference Test Report page number
PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ETC.	Installations shall comply with the manufacturer's published installation instructions.	5







Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	FM Approvals	NAME OF TEST FACILITY	FM Approvals
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	1151 Boston-Providence Turnpike Norwood, MA 02062 USA	TEST FACILITY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	743 Reynolds Road West Glocester, Rhode Island 02814 USA
WEBSITE	www.fmaprovals.com	WEBSITE	www.fmaprovals.com
TEL	+1 (1) 781 762 4300	TEL	+1 (1) 781 762 4300
EMAIL	information@fmaprovals.com	EMAIL	information@fmaprovals.com
FM APPROVALS IS ACCREDITED BY	PER	VALIDITY	REFERENCE NUMBER
The Standards Council of Canada (SCC) www.scc.ca	ISO/IEC 17065	28 April 2025	FM Approvals LLC 1151 Boston-Providence Turnpike Norwood, MA 02062 USA
The Standards Council of Canada (SCC) www.scc.ca	ISO/IEC 17025	01 December 2024	No. 574 (Norwood, MA and West Glocester, RI)
International Accreditation Service (IAS) www.iasonline.org	ISO/IEC 17025	01 July 2025	No. TL 221 (Norwood, MA and West Glocester, RI)
Occupational Safety and Health Administration (OSHA) www.osha.gov	Guide 25/65	05 March 2026	OSHA-2007-041 (Norwood, MA and West Glocester, RI)
The Irish National Accreditation Board (INAB) www.inab.ie	ISO/IEC 17065	05 December 2023	No. 2809 Notified Body Identifier 6024 (Dublin, IE)
United Kingdom Accreditation Service (UKAS) www.ukas.com	ISO/IEC 17065	31 March 2024	No. 0259 Notified Body Identifier 1725 (Windsor, UK)
IECEX Conformity Assessment System www.iecex.com	ISO/IEC 17065	25 July 2024	FM Approvals LLC 1151 Boston-Providence Turnpike Norwood, MA 02062 USA
CERTIFICATION MARK			

(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER NAME			
NAME OF MANUFACTURER'S SIGNATORY	Mr. Richard Alber	SIGNATURE	 GW Sprinkler A/S Richard Alber / General Manager 
EMAIL / TEL	richard.alber@gwsprinkler.com Tel. +45 6472 20 55	FACTORY OFFICIAL SEAL	 GW SPRINKLER A/S
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY
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NAME OF CERTIFICATION BODY SIGNATORY	David Fuller	SIGNATURE	
EMAIL / TEL	david.fuller@fmaprovals.com	CERTIFICATION BODY OFFICIAL SEAL	

NOTES: I Undertake that all data and information provided are genuine and accurate

ATTACHMENTS: COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)



Member of the FM Global Group

Certificate of Compliance

This certificate is issued for the following:

Automatic Water Control Valves and Pressure Reducing Valves

**GW C-300 Series Automatic Water Control Valve
with Integrated Pressure Reducing Control Option for use in Deluge Systems
Sizes 3, 4, 6, 8, and 10 inch NPS**

**GW C-300 Series Pressure Reducing Valves
Sizes 3, 4, 6, 8, and 10 inch NPS**

Prepared for:

GW Sprinkler A/S
Kastanievej 15
Glamsbjerg DK-5620
Denmark

FM Approvals Class: 1011/1012/1013 (dated Dec 2020), 1020 (dated Dec 2020), 1362 (dated Jan 2020)

Approval Identification: PR453755

Approval Granted: February 17, 2022

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read "D.B. Fuller".

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

