




Date : 28 August, 2023

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	3051090	CERTIFICATE NUMBER	3051090
DATE OF ISSUE	31 January, 2014	DATE OF ISSUE	31 January, 2014
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 Tankcool
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 (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/ THICKNESS/ SENSITIVITY ETC)	Tankcool Open Water-Spray Nozzles for Installation in Permanently Piped Systems with Nominal Discharge Coefficients of 1.74, 2.02, 3.13, 3.34, 4.14, 4.82, 5.31, and 5.86 gal/min/(psi) ^{1/2} (25, 29, 45, 48, 60, 70, 77 and 85 L/min/(bar) ^{1/2}) in Brass and Stainless Steel.	1
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	FM Class 2021, 2025	1
TEST DESCRIPTION	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.	3
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.	3
TEST RESULT (SUCH AS PASSED CRITERIA___/ COMPLIED TO___/ DURATION___/ OBSERVATION___/ETC)	Pass	3
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.	4







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	  Richard Alber / General Manager SPRINKLER A/S Kastanjevej 15 5620 Glamsbjerg Denmark
EMAIL / TEL	richard.alber@gwsprinkler.com +45 64722055	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
--



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)



Certificate of Compliance

This certificate is issued for the following equipment:

Model	Nominal K-Factor	Nominal Spray Angle (Degrees)	Nominal Thread Size (in.)	Finishes
Tankcool	1.74 gal/min/(psi) ^{1/2} (25 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	2.02 gal/min/(psi) ^{1/2} (29 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	3.13 gal/min/(psi) ^{1/2} (45 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	3.34 gal/min/(psi) ^{1/2} (48 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel

Prepared for: GW Sprinkler A/S, Kastanievej 15, DK-5620 Glamsbjerg, Denmark

Manufacturing Location: GW Sprinkler A/S, Kastanievej 15, DK-5620 Glamsbjerg, Denmark

FM Approvals Class: 2025

FM Approval Standard: Class 2021/2025 (February 2010)

Approval Identification: 3051090

Approval Granted: January 31, 2014

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.

Richard B. Dunne
Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA



Certificate of Compliance

This certificate is issued for the following equipment:

Model	Nominal K-Factor	Nominal Spray Angle (Degrees)	Nominal Thread Size (in.)	Finishes
Tankcool	4.14 gal/min/(psi) ^{1/2} (60 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	4.82 gal/min/(psi) ^{1/2} (70 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	5.31 gal/min/(psi) ^{1/2} (77 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel
Tankcool	5.86 gal/min/(psi) ^{1/2} (85 L/min/(bar) ^{1/2})	150	1/2	Brass, Stainless Steel

Prepared for: GW Sprinkler A/S, Kastanievej 15, DK-5620 Glamsbjerg, Denmark

Manufacturing Location: GW Sprinkler A/S, Kastanievej 15, DK-5620 Glamsbjerg, Denmark

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A handwritten signature in black ink, appearing to read "Richard B. Dunne".

Richard B. Dunne
Group Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA