



Open Sprinklers

Reliable Models G & F1 Open Sprinklers are similar in design to Reliable Models G & F1 Automatic Sprinklers except they are not equipped with an operating element, and therefore, do not operate automatically. Open Sprinklers are available in four types: Standard Upright, Standard Pendent, Conventional, and Sidewall.

All Open Sprinklers are available in the following finishes: Plain Bronze, lead plated wax coated or wax coated over lead plated, Electroless Nickel PTFE plated. Waterways are uncoated unless noted below.

The following table lists Reliable Open Sprinklers by type, orifice size, pipe connection size, overall length, installation position and SIN.

Type	Threads NPT or ISO7-1	K Factor		Overall Length	Installation Position	Sprinkler Identification Number (SIN)
		gpm/psi ^{1/2}	L/min/bar ^{1/2}			
Standard Upright (Model G)	1/2	1.9, 2.8, 4.2	30, 40, 60	2 ⁷ / ₈ "	Upright	R1022, R1021, R1023
	1/2	5.6	80	2 ⁷ / ₈ "	Upright	R1025,
	1/2, 3/4	8.0, 8.0, 8.0	115, 115	2 ⁷ / ₈ ", 2 ¹⁵ / ₁₆ "	Upright	R1026, R1027
Standard Pendent (Model G)	1/2	1.9, 2.8, 4.2	30, 40, 60	2 ⁷ / ₈ "	Pendent	R1012, R1011, R1013
	1/2	5.6	80	2 ⁷ / ₈ "	Pendent	R1015,
	1/2, 3/4	8.0, 8.0, 8.0	115, 115	2 ⁷ / ₈ ", 2 ¹⁵ / ₁₆ "	Pendent	R1016, R1017
Conventional (Model G)	1/2	5.6	80	2 ⁷ / ₈ "	Upright or Pendent	R1075,
	3/4	8.0	115	2 ¹⁵ / ₁₆ "	Upright or Pendent	R1077
Sidewall (Model G)	1/2	5.6	80	2 ⁷ / ₈ "	Upright or Pendent	R1285,
	1/2	5.6	80	3 ⁵ / ₁₆ "	Horizontal	R1235
Standard Upright (Model F1)	1/2	2.8, 4.2	40, 60	2 ¹ / ₄ "	Upright	R1721, R1723
	1/2	5.6	80,	2 ¹ / ₄ ", 2 ¹ / ₄ "	Upright	R1725, RA1325**
	1/2, 3/4	8.0	115	2 ³ / ₈ "	Upright	R1722**
Standard Pendent (Model F1)	1/2	2.8, 4.2	40, 60	2 ¹ / ₄ "	Pendent	R1711, R1713
	1/2	5.6	80	2 ¹ / ₄ ", 2 ¹ / ₄ "	Pendent	R1715, RA1314**
	3/4	8.0	115	2 ³ / ₈ "	Pendent	R1712**
Conventional (Model F1)	1/2	5.6	80	2 ¹ / ₄ ", 2 ¹ / ₄ "	Upright or Pendent	R1775, RA1375
	3/4	8.0	115	2 ³ / ₈ "	Upright or Pendent	R1772
Sidewall (Model F1)	1/2	5.6	80	2 ¹ / ₄ ", 2 ¹ / ₄ "	Upright or Pendent	R1785, RA1385
	1/2	5.6	80	2 ⁵ / ₈ "	Horizontal	R1735, RA1335
Extended Coverage (Model GFR VELO-ECOH)	3/4	14.0	200	2 ⁷ / ₈ "	Upright or Pendent	R6553**, R6043**

Refer to the appropriate automatic sprinkler product bulletins for listing and approval information.

**SIN R1712, RA1325, R1722, RA1314, R6043 and R6553 are UL listed for Electroless Nickel PTFE plating of the waterway.

Model G & F1 - Open Standard (Spray) Upright and Pendent Sprinklers

Models G and F1 standard upright and pendent sprinklers distribute water laterally and downward in a wide pattern approximating a half sphere. This hemisphere is completely and uniformly filled with water in the form of small drops and spray. A circular area, from 12 to about 20 ft. (3.7 to 6.1m) in diameter, is covered 10 ft. (3.0m) below the sprinkler at minimum water discharge pressure. See Technical Bulletins 110, 117 and 013.



Model F1
Standard Upright



Model F1
Standard Pendent



Model G
Standard Pendent



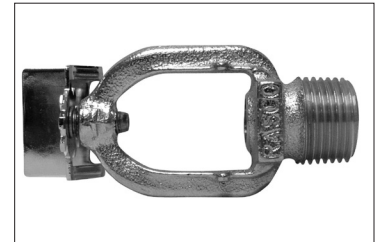
Model G
Standard Upright

Model G & F1 - Open Sidewall Sprinklers

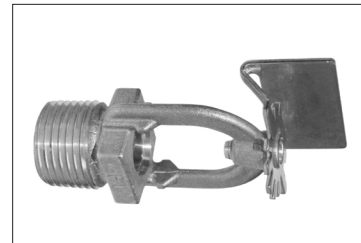
The Model G & F1 Vertical Sidewall Sprinklers may be installed in either the upright or the pendent position, and are intended for light hazard occupancy use. The Model G & F1 Horizontal Sidewall Sprinklers are intended for light hazard occupancies and in some applications may be used in ordinary hazard occupancies. See Technical Bulletins 112, 117 and 013.



Model G
Vertical Sidewall



Model G
Horizontal Sidewall



Model F156
Horizontal Sidewall

Model G & F1 - Conventional Open Style Sprinkler

The sprinklers distribute approximately 60% of their water discharge upward towards the ceiling with the balance downward. They may be installed in either the upright or pendent position. See Technical Bulletins 110, 117 and 013.



Model G
Standard Conventional



Model F1/F156
Standard Conventional

For specific water distribution information, refer to the spray distribution section of www.reliablesprinkler.com.

The equipment presented in this bulletin is to be installed in accordance with the latest published Standards of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable. Products manufactured and distributed by Reliable have been protecting life and property for over 90 years.

Manufactured by



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EG. Printed in U.S.A. 07/18 P/N 9999970003