

FIRE SPRINKLERS

HARDWARE



Features

UL Listed and FM Approved with SOLBERG foam concentrates

Upright or pendent mounted position

Description

SOLBERG® foam concentrates are certified with variety of fire sprinklers for use in foam-water sprinkler systems, these included closed, open or deluge head types. Consult appropriate certification equipment directory for additional details.

Note: Converted metric values provided are for dimensional reference only and may not reflect actual measurements.

UL Listed

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft ²	(lpm/m ²)	psi	(bar)	
K-FACTOR 5.6							
Reliable Automatic Sprinkler Co., Model G SIN (1025), 1/2" (1.27 cm), K-Factor 5.6, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 1% SP AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., Model G SIN (1015), 1/2" (1.27 cm), K-Factor 5.6, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 1% SP AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1325), 1/2" (1.27 cm), K-Factor 5.6, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL

SOLBERG is a member of PERIMETER SOLUTIONS, a global producer of leading fire retardant, gel and foam brands with a singular purpose: revolutionize the course of fire suppression technology with safer, more effective and more sustainable solutions. Together, we are Moving Industries Forward by Redefining Fire Suppression. www.solbergfoam.com

UL Listed Continued

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft ²	(lpm/m ²)	psi	(bar)	
K-FACTOR 5.6 <i>continued</i>							
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1314), 1/2" (1.27 cm), K-Factor 5.6, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., Model F1FR56 SIN (RA1425), 1/2" (1.27 cm), K-Factor 5.6, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., Model F1FR56 SIN (RA1414), 1/2" (1.27cm), K-Factor 5.6, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Globe Fire Sprinkler Corp, Model GL5615 SIN (GL5661), 1/2" (1.27cm), K-Factor 5.6, Upright	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Globe Fire Sprinkler Corp, Model GL5601 SIN (GL5651), 1/2" (1.27cm), K-Factor 5.6, Pendent	ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
K-FACTOR 8.0							
Reliable Automatic Sprinkler Co., Model G SIN (1027), 17/32" (1.35 cm), K-Factor 8.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.22	(8.96)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model G SIN (1017), 17/32" (1.35 cm), K-Factor 8.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL



UL Listed Continued

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft ²	(lpm/m ²)	psi	(bar)	
K-FACTOR 8.0 <i>continued</i>							
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1722), 17/32" (1.35 cm), K-Factor 8.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1712), 17/32" (1.35 cm), K-Factor 8.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL
Reliable Automactic Sprinkler Co., Model F1FR LO SIN (R3622), 17/32" (1.35cm), K-Factor 8.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL
Reliable Automactic Sprinkler Co., Model F1FR LO SIN (R3612), 17/32" (1.35cm), K-Factor 8.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL
Globe Fire Sprinkler Corp, Model GL8118 SIN (GL8164), 17/32" (1.35cm), K-Factor 8.0, Upright	ARCTIC 3% AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
Globe Fire Sprinkler Corp, Model GL8106 SIN (GL8156), 17/32" (1.35cm), K-Factor 8.0, Pendent	ARCTIC 3% AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
K-FACTOR 11.2							
Reliable Automatic Sprinkler Co., Model G XLO SIN (R2921), 0.64" (1.35 cm), K-Factor 11.2, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.32	(13.02)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.32	(13.02)	7.0	(0.5)	UL
	ARCTIC 3x3% ATC	Alcohols	0.37	(15.06)	9.5	(0.6)	UL
K-FACTOR 3.0							
Tyco Fire Products, Model B-1 Foam Water Sprinkler, K-Factor 3.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	ARCTIC 3x3% ATC	Alcohols	0.16	(6.52)	30.0	(2.1)	UL
Tyco Fire Products, Model B-1 Foam Water Sprinkler, K-Factor 3.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	ARCTIC 3x3% ATC	Alcohols	0.16	(6.52)	30.0	(2.1)	UL



FM Approved

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft ²	(lpm/m ²)	psi	(bar)	
K-FACTOR 5.6							
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1325), 1/2" (1.27 cm), K-Factor 5.6, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1314), 1/2" (1.27 cm), K-Factor 5.6, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
K-FACTOR 8.0							
Reliable Automatic Sprinkler Co., Model G SIN (1027), 17/32" (1.35 cm), K-Factor 8.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model G SIN (1017), 17/32" (1.35 cm), K-Factor 8.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1722), 17/32" (1.35 cm), K-Factor 8.0, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1712), 17/32" (1.35 cm), K-Factor 8.0, Pendent	RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
K-FACTOR 11.2							
Reliable Automatic Sprinkler Co., Model G XLO SIN (R2921), 0.64" (1.35 cm), K-Factor 11.2, Upright	RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM



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