

# SOLBERG® FIRE SPRINKLERS

## 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. The simple flow geometry (patent pending) can educt foam concentrate at .5%, 1%, 3%, or 6% with no small passages to clog. Percentage is easily set with an interchangeable orifice plate. A set of calibrated foam orifice plates is included. Nozzle comes with an industrial grade UV resistant, 8 feet long, 1.5" diameter (2.4 m x 38 mm) concentrate hose with a cam lock fitting for quick and secure

attachment to the nozzle. The simple and basic design requires no grease or other maintenance. The halo ring/stream shaper is made from non-corrosive high temperature polymer. The rubber bumper is UV resistant. The MASTER FOAM self-educting nozzle is available in hardcoat anodized ANSI A356.0.T6 aluminum. All MASTER FOAM nozzles accept the FJ-LX-M FOAMJET low expansion air-aspirating attachment.

**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/ft2	(lpm/m2)	psi	(bar)	
<b>K-FACTOR 5.6</b>							
Reliable Automatic Sprinkler Co., ModelG SIN (I025), 1/2" (1 27 cm), K-Factor 5.6, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 1% SP AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., ModelG SIN (I015), 1/2" (1 27 cm), K-Factor 5.6, Pendent	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 1% SP AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
Reliable Automatic Sprinkler Co., Model FI56 SIN (RA1325), 1/2" (1.27 cm), K-Factor 5.6, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 1% SP AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL

# SOLBERG® FIRE SPRINKLERS

## UL LISTED CONTINUED

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft2	(lpm/m2)	psi	(bar)	
<b>K-FACTOR 5.6 CONTINUED</b>							
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1314), 1/2" (1.27 cm), K-factor 5.6, Pendent	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1425), 1/2" (1.27 cm), K-factor 5.6, Upright	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1425), 1/2" (1.27 cm), K-factor 5.6, Upright	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1414), 1/2" (1.27cm), K-factor 5.6, Pendent	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	19.0	(1.31)	UL
	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1425), 1/2" (1.27 cm), K-factor 5.6, Upright	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1425), 1/2" (1.27 cm), K-factor 5.6, Upright	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
<b>K-FACTOR 8.0</b>							
Reliable Automatic Sprinkler Co., Model G SIN (1027), 17/32" (1.35 cm), K-factor 8.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG 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	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(1.31)	UL
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1 722), 17/32" (1.35 cm), K-factor 8.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.6)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(1.31)	UL
Reliable Automatic Sprinkler Co., Model F-1 SIN (R1712), 17/32" (1.35 cm), K-factor 8.0, Pendent	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL
Reliable Automatic Sprinkler Co., Model F156 SIN (R3622), 17/32" (1.35cm), K-factor 8.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.16	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.26	(10.59)	9.5	(0.6)	UL

# FIRE SPRINKLERS

## UL LISTED CONTINUED

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft2	(lpm/m2)	psi	(bar)	
<b>K-FACTOR 8.0 CONTINUED</b>							
Reliable Automatic Sprinkler Co., Model FIFR LO SIN (R3612), 17/32" (1.35cm), K-factor 8.0, Pendent	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3% MIL-SPEC AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL
	SOLBERG 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	SOLBERG 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	SOLBERG ARCTIC 3% AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL

<b>K-FACTOR 11.2</b>							
Reliable Automatic Sprinkler Co., Model G XLO SIN (R2921), 0.64" (1.35 cm), K-factor 11.2, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.32	(13.02)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.32	(13.02)	7.0	(0.5)	UL
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.37	(15.06)	9.5	(0.6)	UL

<b>K-FACTOR 3.0</b>							
Tyco Fire Products, Model B-1 Foam Water Sprinkler, K-factor 3.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	SOLBERG 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	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
	SOLBERG 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/ft2	(lpm/m2)	psi	(bar)	
<b>K-FACTOR 5.6</b>							
Reliable Automatic Sprinkler Co., Model F156 SIN (RA1325), 1/2" (1.27 cm), K-factor 5.6, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	SOLBERG 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	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.20	(8.14)	12.7	(0.88)	FM
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
<b>K-FACTOR 8.0</b>							
Reliable Automatic Sprinkler Co., Model G SIN (1027), 17/32" (1.35 cm), K-factor 8.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG 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	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model F-1 SIN (RI722), 17/32" (1.35 cm), K-factor 8.0, Upright	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM
Reliable Automatic Sprinkler Co., Model F-1 SIN (RI712), 17/32" (1.35 cm), K-factor 8.0, Pendent	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12.21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.30	(12.21)	14.0	(0.95)	FM

# FIRE SPRINKLERS

## FM APPROVED CONTINUED

SPRINKLER MODEL	FOAM CONCENTRATE	FUEL TYPE	MINIMUM APPLICATION RATE		MINIMUM INLET PRESSURE		CERTIFICATION BODY
			gpm/ft2	(lpm/m2)	psi	(bar)	
<b>K-FACTOR 11.2</b>							
Reliable Automatic Sprinkler Co., Model G XLO SIN (R2921), 0.64" (1.35 cm), K-factor 11.2, Uprigh	SOLBERG RE-HEALING RF3, 3%	Hydrocarbons	0.30	(12 21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Hydrocarbons	0.30	(12 21)	14.0	(0.95)	FM
	SOLBERG ARCTIC 3x3% ATC	Alcohols	0.30	(12 21)	14.0	(0.95)	FM



**Solutions That Save.**

### FOR MORE INFORMATION

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