

SOLBERG® HARDWARE

FIRE SPRINKLERS



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.

FEATURES

- **UL Listed and FM Approved with SOLBERG foam concentrates**
- **Upright or pendent mounted position**

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

UL LISTED

| K-FACTOR 5.6 | | | | | | | |
|--|-------------------------|--------------|--------------------------|-----------------------|------------------------|--------|--------------------|
| Sprinkler Model | Foam Concentrate | Fuel Type | Minimum Application Rate | | Minimum Inlet Pressure | | Certification Body |
| | | | gpm/ft ² | (lpm/m ²) | psi | (bar) | |
| Reliable Automatic Sprinkler Co., Model G SIN (R1025), 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 (R1015), 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 3% 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 (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 3% 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 |

UL LISTED CONTINUED

| K-FACTOR 5.6 continued | | | | | | | |
|--|-------------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------|---------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft2 | (lpm/m2) | psi | (bar) | Certification Body |
| 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 3% 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 F1FR56 SIN (RA1414), 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 3% 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 |
| Globe Fire Sprinkler Corp, Model GL5615 SIN (GL5661), 1/2" (1.27 cm), K-Factor 5.6, Upright | ARCTIC 3% AFFF | Hydrocarbons | 0.16 | (6.52) | 7.0 | (0.5) | UL |
| Globe Fire Sprinkler Corp, Model GL5601 SIN (GL5651), 1/2" (1.27 cm), K-Factor 5.6, Pendent | ARCTIC 3% AFFF | Hydrocarbons | 0.16 | (6.52) | 7.0 | (0.5) | UL |

| K-FACTOR 8.0 | | | | | | | |
|--|-------------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------|---------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft2 | (lpm/m2) | psi | (bar) | Certification Body |
| Reliable Automatic Sprinkler Co., Model G SIN (R1027), 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 (R1017), 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 | (0.66) | UL |

UL LISTED CONTINUED

| K-FACTOR 8.0 <i>continued</i> | | | | | | | |
|--|-------------------------|--------------|--------------------------|-----------------------|------------------------|--------|--------------------|
| Sprinkler Model | Foam Concentrate | Fuel Type | Minimum Application Rate | | Minimum Inlet Pressure | | Certification Body |
| | | | gpm/ft ² | (lpm/m ²) | psi | (bar) | |
| 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% | 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 | (0.66) | 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% | 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 | (0.66) | UL |
| Reliable Automatic Sprinkler Co., Model F1FR LO SIN (R3622), 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% | 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 | (0.66) | UL |
| Reliable Automatic Sprinkler Co., Model F1FR LO SIN (R3612), 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% | 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 | (0.66) | UL |
| Globe Fire Sprinkler Corp, Model GL8118 SIN (GL8164), 17/32" (1.35 cm), 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" (1.35 cm), K-Factor 8.0, Pendent | ARCTIC 3% AFFF | Hydrocarbons | 0.22 | (8.96) | 7.0 | (0.5) | UL |

UL LISTED CONTINUED

| K-FACTOR 11.2 | | | | | | | |
|--|--------------------|--------------|--------------------------|-----------------------|------------------------|--------|--------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft ² | (lpm/m ²) | psi | (bar) | Certification Body |
| 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 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3% AFFF | Hydrocarbons | 0.32 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.32 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3x3% ATC | Alcohols | 0.37 | (15.08) | 9.5 | (0.66) | UL |
| Reliable Automatic Sprinkler Co., Model G XLO SIN (R3226), 0.64" (1.35 cm), K-Factor 11.2, Upright | RE-HEALING RF3, 3% | Hydrocarbons | 0.32 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3% AFFF | Hydrocarbons | 0.32 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.32 | (13.04) | 7.0 | (0.5) | UL |
| | ARCTIC 3x3% ATC | Alcohols | 0.37 | (15.08) | 9.5 | (0.66) | UL |

| K-FACTOR 3.0 | | | | | | | |
|---|--------------------|--------------|--------------------------|-----------------------|------------------------|-------|--------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft ² | (lpm/m ²) | psi | (bar) | Certification Body |
| 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

| K-FACTOR 5.6 | | | | | | | | | |
|--|-------------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------|---------------------------|---------------------------------------|---------------------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft2 | (lpm/m2) | psi | (bar) | Certification Body | Min Installation Height ft/(m) | Max Installation Height ft/(m) |
| 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 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 28.7 | (0.97) | FM | 6' 3" / (1.9) | 49' 0" / (14.9) |
| 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 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 28.7 | (0.97) | FM | 6' 11" / (2.1) | 48' 0" / (14.6) |
| Reliable Automatic Sprinkler Co., Model F1FR56 SIN (RA1425), 1/2" (1.27 cm), K-Factor 5.6, Upright | RE-HEALING RF3, 3% | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 28.7 | (0.97) | FM | 6' 3" / (1.9) | 49' 0" / (14.9) |
| Reliable Automatic Sprinkler Co., Model F1FR56 SIN (RA1414), 1/2" (1.27 cm), Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.20 | (8.15) | 12.7 | (0.88) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 28.7 | (0.97) | FM | 6' 11" / (2.1) | 48' 0" / (14.6) |

| K-FACTOR 8.0 | | | | | | | | | |
|--|-------------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------|---------------------------|---------------------------------------|---------------------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft2 | (lpm/m2) | psi | (bar) | Certification Body | Min Installation Height ft/(m) | Max Installation Height ft/(m) |
| Reliable Automatic Sprinkler Co., Model G SIN (R1027), 17/32" (1.35 cm), K-Factor 8.0, Upright | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 8" / (2) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 7' 6" / (2.3) | 37' 0" (11.3) |
| Reliable Automatic Sprinkler Co., Model G SIN (R1017), 17/32" (1.35 cm), K-Factor 8.0, Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 11" / (2.1) | 36' 0" (11.0) |
| 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 | (12.22) | 14.0 | (0.97) | FM | 6' 8" / (2) | 12' 4" / (3.8) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 12' 6" / (4.1) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 7' 6" / (2.3) | 13' 6" / (4.1) |

FM APPROVED CONTINUED

| K-FACTOR 8.0 <i>continued</i> | | | | | | | | | |
|--|-------------------------|------------------|---------------------------------|----------------------------|-------------------------------|--------------|---------------------------|---------------------------------------|---------------------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft² | (lpm/m²) | psi | (bar) | Certification Body | Min Installation Height ft/(m) | Max Installation Height ft/(m) |
| 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 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 12' 3" / (3.7) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 13' 6" / (4.1) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 11" / (2.1) | 13' 6" / (4.1) |
| Reliable Automatic Sprinkler Co., Model F1FR-LO SIN (R3622), 17/32" (1.35 cm), K-Factor 8.0, Upright | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 8" / (2) | 12' 4" / (3.8) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 12' 6" / (4.1) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 7' 6" / (2.3) | 13' 6" / (4.1) |
| Reliable Automatic Sprinkler Co., Model F1FR-LO SIN (R3612), 17/32" (1.35 cm), K-Factor 8.0, Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 12' 3" / (3.7) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 0" / (1.8) | 13' 6" / (4.1) |
| | ARCTIC 3x3% ATC | Alcohols | 0.30 | (12.22) | 14.0 | (0.97) | FM | 6' 11" / (2.1) | 13' 6" / (4.1) |
| Tyco Fire Products, Series TY-B SIN (TY4251), 3/4" (1.91 cm), K-Factor 8.0, Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 14.0 | (0.97) | FM | 5' 1" / (1.5) | 13' 2" / (4) |

| K-FACTOR 11.2 | | | | | | | | | |
|---|-------------------------|------------------|---------------------------------|----------------------------|-------------------------------|--------------|---------------------------|---------------------------------------|---------------------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft² | (lpm/m²) | psi | (bar) | Certification Body | Min Installation Height ft/(m) | Max Installation Height ft/(m) |
| 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 | (12.20) | 7.2 | (0.50) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.20) | 7.2 | (0.50) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Alcohols | 0.40 | (16.30) | 12.8 | (0.89) | FM | 9' 0" / (2.7) | 49' 0" / (14.9) |
| Reliable Automatic Sprinkler Co., Model GL 112 SIN (R3226), 0.64" (1.35 cm), K-Factor 11.2, Upright | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 7.2 | (0.50) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 7.2 | (0.50) | FM | 6' 0" / (1.8) | 49' 0" / (14.9) |
| | ARCTIC 3x3% ATC | Alcohols | 0.40 | (16.30) | 12.8 | (0.89) | FM | 9' 0" / (2.7) | 49' 0" / (14.9) |

FM APPROVED CONTINUED

| K-FACTOR 11.2 <i>continued</i> | | | | | | | | | |
|---|--------------------|--------------|--------------------------|-----------------------|------------------------|--------|--------------------|--------------------------------|--------------------------------|
| | | | Minimum Application Rate | | Minimum Inlet Pressure | | | | |
| Sprinkler Model | Foam Concentrate | Fuel Type | gpm/ft ² | (lpm/m ²) | psi | (bar) | Certification Body | Min Installation Height ft/(m) | Max Installation Height ft/(m) |
| Reliable Automatic Sprinkler Co. Model GL 112 SIN (R3216), 0.64" (1.35 cm), K-Factor, 11.2, Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.20) | 7.2 | (0.50) | FM | 5' 1" / (1.5) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.20) | 7.2 | (0.50) | FM | 8' 2" / (2.5) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Alcohols | 0.40 | (16.30) | 12.8 | (0.89) | FM | 8' 0" / (2.4) | 48' 0" / (14.6) |
| Reliable Automatic Sprinkler Co., Model G XLO SIN (R2916), 0.64" (1.35 cm), K-Factor 11.2, Pendent | RE-HEALING RF3, 3% | Hydrocarbons | 0.30 | (12.22) | 7.2 | (0.50) | FM | 6' 8" / (2) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Hydrocarbons | 0.30 | (12.22) | 7.2 | (0.50) | FM | 6' 0" / (1.8) | 48' 0" / (14.6) |
| | ARCTIC 3x3% ATC | Alcohols | 0.40 | (16.30) | 12.8 | (0.89) | FM | 8' 0" (2.4) | 48' 0" / (14.6) |

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