

POPULAR SPRINKLERS/CONCENTRATES - LISTINGS AND APPROVALS

Data/Specifications



Consult appropriate listing/approval publication for complete list that includes historic and less popular models.

Sprinkler Head	Foam Concentrate	Fuel	Min. Application Rate GPM/Sq Ft (LPM/sq. m)		Min. Inlet Pressure psi (bar)		Agency Approval
Tyco Fire Products, SIN(TY1131, TY1151), (3/8 in. (0.95 cm)) K-Factor 2.8, Upright	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
Tyco Fire Products, SIN(TY1231, TY1251), (3/8 in. (0.95 cm)) K-Factor 2.8, Pendant	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
Tyco Fire Products, SIN(TY2131), (7/16 in. (1.11 cm)) K-Factor 4.2, Upright	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	13.0	(0.9)	UL
Tyco Fire Products, SIN(TY2231), (7/16 in. (1.11 cm)) K-Factor 4.2, Pendant	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	13.0	(0.9)	UL
Tyco Fire Products, SIN(TY3121) (1/2 in. (1.27 cm)) K-Factor 5.6, Upright	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Tyco Fire Products, SIN(TY3131, TY3151), (1/2 in. (1.27 cm)) K-Factor 5.6, Upright	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL/FM
		Alcohols	0.22	(8.96)	14.5	(1.00)	UL/FM
		Denatured Ethanol	0.16	(6.52)	7.0	(0.5)	UL/FM
E-85 Blend*		0.16	(6.52)	7.0	(0.5)	UL/FM	
	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL/FM
	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Tyco Fire Products, SIN(TY3231, TY3251), (1/2 in. (1.27 cm)) K-Factor 5.6, Pendant	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL/FM
		Alcohols	0.22	(8.96)	14.5	(1.00)	UL/FM
		Denatured Ethanol	0.16	(6.52)	7.0	(0.5)	UL/FM
E-85 Blend*		0.18	(7.33)	9.0	(0.6)	UL/FM	
	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL/FM
	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
Tyco Fire Products, SIN(TY4131, TY4151), (17/32 in. (1.35 cm)) K-Factor 8.0, Upright	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL/FM
		Alcohols	0.25	(10.19)	9.0	(0.6)	UL
		Alcohols	0.28	(11.41)	12.0	(0.8)	FM
Denatured Ethanol		0.22	(8.96)	7.0	(0.5)	UL/FM	
	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL/FM
Tyco Fire Products, SIN(TY4231, TY4251), (17/32 in. (1.35 cm)) K-Factor 8.0, Pendant	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL/FM
		Alcohols	0.27	(11.00)	11.0	(0.8)	UL
		Alcohols	0.28	(11.41)	12.0	(0.8)	FM
Denatured Ethanol		0.22	(8.96)	7.0	(0.5)	UL/FM	
	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.22	(8.96)	7.0	(0.5)	UL/FM
Tyco Fire Products, SIN(TY5111, TY5131, TY5151), (5/8 in. (1.59 cm)) K-Factor 11.2, Upright	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.32	(16.56)	7.0	(0.5)	UL/FM
		Alcohols	0.36	(14.67)	9.5	(0.7)	UL/FM
		Denatured Ethanol	0.32	(16.56)	7.0	(0.5)	UL/FM
		ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.32	(16.56)	7.0	(0.5)
Tyco Fire Products, SIN(TY5211, TY5231, TY5251), (5/8 in. (1.59 cm)) K-Factor 11.2, Pendant	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.32	(16.56)	7.0	(0.5)	UL/FM
		Alcohols	0.36	(14.67)	9.5	(0.7)	UL/FM
		Denatured Ethanol	0.32	(16.56)	7.0	(0.5)	UL/FM
		ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.32	(16.56)	7.0	(0.5)
Tyco Fire Products, Model B-1 Foam/Water Sprinkler, K-Factor 3.0, Pendant or Upright	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
		Alcohols	0.16	(6.52)	30.0	(2.1)	UL
		Denatured Ethanol	0.16	(6.52)	30.0	(2.1)	UL
		E-85 Blend*	0.16	(6.52)	30.0	(2.1)	UL
	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL

* E-85 Blend based on 75% Denatured Ethanol / 25% Heptane

Sprinkler Head	Foam Concentrate	Fuel	Min. Application Rate GPM/Sq Ft (LPM/sq. m)		Min. Inlet Pressure psi (bar)		Agency Approval
Reliable Automatic Sprinkler Co., Model G, Standard Orifice (1/2 in. (1.27 cm)), Upright, (SIN R1025)	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
		Alcohols	0.24	(9.78)	16.5	(1.1)	UL
		Ketones	0.24	(9.78)	16.5	(1.1)	UL
		Esters	0.24	(9.78)	16.5	(1.1)	UL
	ANSULITE 3% AFFF (AFC-3A) (AFC-5A)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL	
ANSULITE ARC (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL	
ANSULITE ARC (6%) AR-AFFF	Alcohols Ketones	0.26	(10.59)	19.5	(1.3)	UL	
		0.26	(10.59)	19.5	(1.3)	UL	
Reliable Automatic Sprinkler Co., Model G, Standard Orifice (1/2 in. (1.27 cm)), Pendant, (SIN R1015)	ANSULITE 3x3 Low Viscosity (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
		Alcohols	0.28	(11.41)	22.5	(1.6)	UL
		Ketones	0.24	(9.78)	16.5	(1.1)	UL
	ANSULITE 3% AFFF (AFC-3A) (AFC-5A)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
ANSULITE ARC (3%) AR-AFFF	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL	
ANSULITE ARC (6%) AR-AFFF	Alcohols Ketones	0.26	(10.59)	19.5	(1.3)	UL	
		0.26	(10.59)	19.5	(1.3)	UL	
Viking Corp., Model M, Small Orifice (3/8 in. (0.95 cm)) Upright (SIN VK001) Pendant (SIN VK003)	ANSULITE 3% AFFF (AFC-3A)	Hydrocarbons	0.16	(6.52)	30.0	(2.1)	UL
Viking Corp., Model M, Small Orifice (1/2 in. (1.27 cm)), Upright (SIN VK100) Pendant (SIN VK102)	ANSULITE 3% AFFF (AFC-5A)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL
	ANSULITE 1% AFFF (1609-95CG)	Hydrocarbons	0.16	(6.52)	7.0	(0.5)	UL

'SIN' numbers listed are those accepted at the time of testing. Sprinkler manufacturers may have additional 'SINs' that use the same body, orifice, deflector as those shown. Some AHJ's may require equivalency documentation from the Sprinkler Head Manufacturer for acceptance of 'SINs' not shown in the published Listings or Approvals.

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