

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

SOLBERG RE-HEALING™ RF3					Minimum Application Rate		Minimum Inlet Pressure		
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Reliable Automatic Sprinkler Co.	Upright	5.6	R1025	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	R1015	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1325	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1314	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1425	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1414	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	8.0	R1027	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1017	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R1722	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1712	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R3622	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R3612	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	RA6222	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	RA6212	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	11.2	R2921	Hydrocarbons	0.32	13.04	7	0.5	UL
Foam Water Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Tyco Fire and Building Products	Upright	3.0	B-1	Hydrocarbons	0.16	6.52	30	2.1	UL
	Pendent	3.0	B-1	Hydrocarbons	0.16	6.52	30	2.1	UL

UL LISTED CONTINUED

SOLBERG RE-HEALING 3x3 SP-100					Minimum Application Rate		Minimum Inlet Pressure		
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Reliable Automatic Sprinkler Co.	Upright	5.6	RA1325	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1325	Alcohols	0.29	11.82	24	1.6	UL
	Upright	5.6	RA1325	Ethanol	0.19	7.74	10	0.7	UL
	Pendent	5.6	RA1314	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1314	Alcohols	0.32	13.04	29	2.0	UL
	Pendent	5.6	RA1314	Ethanol	0.21	8.56	12	0.9	UL
	Upright	8.0	R1027	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R1027	Alcohols	0.40	16.30	22	1.5	UL
	Pendent	8.0	R1017	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1017	Alcohols	0.40	16.30	22	1.5	UL
	Upright	8.0	RA6222	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	RA6222	Alcohols	0.37	15.08	19	1.3	UL
	Upright	8.0	RA6222	Ethanol	0.30	12.22	12	0.9	UL
	Pendent	8.0	RA6212	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	RA6212	Alcohols	0.37	15.08	19	1.3	UL
	Pendent	8.0	RA6212	Ethanol	0.30	12.22	12	0.9	UL
	Pendent	11.2	VK536	Hydrocarbons	0.32	13.04	7	0.5	UL
	Pendent	11.2	VK536	Alcohols	0.48	19.56	16	1.1	UL
Pendent	11.2	VK536	Ethanol	0.40	16.30	11	0.8	UL	
Foam Water Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Tyco Fire and Building Products	Upright	3.0	B-1	Hydrocarbons	0.16	6.52	30	2.1	UL
	Pendent	3.0	B-1	Hydrocarbons	0.16	6.52	30	2.1	UL
	Upright	3.0	B-1	Alcohols	0.16	6.52	30	2.1	UL
	Pendent	3.0	B-1	Alcohols	0.16	6.52	30	2.1	UL
	Upright	3.0	B-1	Ketones	0.16	6.52	30	2.1	UL
	Pendent	3.0	B-1	Ketones	0.16	6.52	30	2.1	UL

UL LISTED CONTINUED

SOLBERG ARCTIC™ 1% SP					Minimum Application Rate		Minimum Inlet Pressure		
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Reliable Automatic Sprinkler Co.	Upright	5.6	R1025	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	R1015	Hydrocarbons	0.16	6.52	7	0.5	UL

SOLBERG ARCTIC 3% Mil-Spec					Minimum Application Rate		Minimum Inlet Pressure		
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Reliable Automatic Sprinkler Co.	Upright	5.6	R1025	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	R1015	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1325	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1314	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1425	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1414	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	8.0	R1027	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1017	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R1722	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1712	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R3622	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R3612	Hydrocarbons	0.22	8.96	7	0.5	UL

UL LISTED CONTINUED

SOLBERG ARCTIC 3% AFFF					Minimum Application Rate		Minimum Inlet Pressure		
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Reliable Automatic Sprinkler Co.	Upright	5.6	RA1325	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1314	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1425	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1414	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	R2921	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	8.0	R1722	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1712	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R3622	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R3612	Hydrocarbons	0.22	8.96	7	0.5	UL
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	Certification Body
Globe Fire Sprinkler Corp.	Upright	5.6	GL5661	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	GL5615	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	GL5651	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	GL5601	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	8.0	GL8164	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	GL8156	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	GL8118	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	GL8106	Hydrocarbons	0.22	8.96	7	0.5	UL

UL LISTED CONTINUED

SOLBERG ARCTIC 3x3					Minimum Application Rate		Minimum Inlet Pressure		Certification Body
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	psi	bar	
Reliable Automatic Sprinkler Co.	Upright	5.6	RA1325	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1325	Alcohols	0.26	10.59	19	1.3	UL
	Pendent	5.6	RA1314	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1314	Alcohols	0.26	10.59	19	1.3	UL
	Upright	5.6	R1015	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	R1015	Alcohols	0.26	10.59	19	1.3	UL
	Pendent	5.6	R1025	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	R1025	Alcohols	0.26	10.59	19	1.3	UL
	Upright	5.6	RA1425	Hydrocarbons	0.16	6.52	7	0.5	UL
	Upright	5.6	RA1425	Alcohols	0.26	10.59	19	1.3	UL
	Pendent	5.6	RA1414	Hydrocarbons	0.16	6.52	7	0.5	UL
	Pendent	5.6	RA1414	Alcohols	0.26	10.59	19	1.3	UL
	Upright	8.0	R1722	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R1722	Alcohols	0.26	10.59	9	0.6	UL
	Pendent	8.0	R1712	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1712	Alcohols	0.26	10.59	9	0.6	UL
	Upright	8.0	R3622	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R3622	Alcohols	0.26	10.59	9	0.6	UL
	Pendent	8.0	R3612	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R3612	Alcohols	0.26	10.59	9	0.6	UL
	Upright	8.0	R1027	Hydrocarbons	0.22	8.96	7	0.5	UL
	Upright	8.0	R1027	Alcohols	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1017	Hydrocarbons	0.22	8.96	7	0.5	UL
	Pendent	8.0	R1017	Alcohols	0.26	10.59	9	0.6	UL
	Upright	11.2	R2921	Hydrocarbons	0.32	13.04	7	0.5	UL
	Upright	11.2	R2921	Alcohols	0.37	15.08	10	0.7	UL

FM APPROVED

SOLBERG RE-HEALING RF3					Minimum Application Rate		Minimum Height		Maximum Height		Certification Body
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	ft	m	ft	m	
Reliable Automatic Sprinkler Co.	Upright	5.6	RA1325	Hydrocarbons	0.2	8.15	6.00	1.83	49.00	14.94	FM
	Pendent	5.6	RA1314	Hydrocarbons	0.2	8.15	6.00	1.83	49.00	14.94	FM
	Upright	8.0	R1027	Hydrocarbons	0.3	12.22	6.67	2.03	49.00	14.94	FM
	Pendent	8.0	R1017	Hydrocarbons	0.3	12.22	6.00	1.83	48.00	14.63	FM
	Upright	8.0	R1722	Hydrocarbons	0.3	12.22	6.67	2.03	12.33	3.76	FM
	Pendent	8.0	R1712	Hydrocarbons	0.3	12.22	6.00	1.83	12.25	3.73	FM
	Pendent	8.0	TY4251	Hydrocarbons	0.3	12.22	5.08	1.55	13.17	4.01	FM
	Upright	11.2	R2921	Hydrocarbons	0.3	12.22	6.00	1.83	49.00	14.94	FM
	Pendent	11.2	R2916	Hydrocarbons	0.3	12.22	5.08	1.55	48.00	14.63	FM
	Upright	11.2	R3226	Hydrocarbons	0.3	12.22	6.00	1.83	49.00	14.94	FM
	Pendent	11.2	R3216	Hydrocarbons	0.3	12.22	5.08	1.55	48.00	14.63	FM

SOLBERG RE-HEALING 3x3 SP-100					Minimum Application Rate		Minimum Height		Maximum Height		Certification Body
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	ft	m	ft	m	
Reliable Automatic Sprinkler Co.	Upright	5.6	R1025	Hydrocarbons	0.2	8.15	6.17	2.06	29.67	9.04	FM
	Upright	5.6	R1025	Alcohol	0.3	12.22	6.17	2.06	29.67	9.04	FM
	Pendent	5.6	R1015	Hydrocarbons	0.2	8.15	5.90	1.80	29.00	8.84	FM
	Pendent	5.6	R1015	Alcohol	0.3	12.22	5.90	1.80	29.00	8.84	FM
	Upright	8.0	R1027	Hydrocarbons	0.3	12.22	5.90	1.80	29.67	9.04	FM
	Upright	8.0	R1027	Alcohol	0.4	16.30	5.90	1.80	29.67	9.04	FM
	Pendent	8.0	R1017	Hydrocarbons	0.3	12.22	5.90	1.80	29.00	8.84	FM
	Pendent	8.0	R1017	Alcohol	0.4	16.30	5.90	1.80	29.00	8.84	FM
	Pendent	11.2	R2916	Hydrocarbons	0.3	12.22	5.90	1.80	29.00	8.84	FM
	Pendent	11.2	R2916	Alcohol	0.4	16.30	5.90	1.80	29.00	8.84	FM
	Upright	11.2	R2921	Hydrocarbons	0.3	12.22	6.17	2.06	29.67	9.04	FM
	Upright	11.2	R2921	Alcohol	0.4	16.30	6.17	2.06	29.67	9.04	FM

FM APPROVED CONTINUED

SOLBERG ARCTIC 3x3					Minimum Application Rate		Minimum Height		Maximum Height		Certification Body
Standard Sprinkler Heads	Position	K-Factor	Model	Fuel Type	gpm/ft ²	lpm/m ²	ft	m	ft	m	
Reliable Automatic Sprinkler Co.	Upright	5.6	R1325	Hydrocarbons	0.3	12.22	6.00	1.83	49.50	15.09	FM
	Upright	5.6	R1325	Alcohol	0.3	12.22	6.25	1.91	49.50	15.09	FM
	Pendent	5.6	RA1314	Hydrocarbons	0.3	12.22	6.00	1.83	48.67	14.83	FM
	Pendent	5.6	RA1314	Alcohol	0.3	12.22	6.92	2.11	48.67	14.83	FM
	Upright	5.6	R1425	Hydrocarbons	0.3	12.22	6.00	1.83	49.50	15.09	FM
	Upright	5.6	R1425	Alcohol	0.3	12.22	6.25	1.91	49.50	15.09	FM
	Pendent	5.6	R1414	Hydrocarbons	0.3	12.22	6.00	1.83	48.67	14.83	FM
	Pendent	5.6	R1414	Alcohol	0.3	12.22	6.92	2.11	48.67	14.83	FM
	Upright	8.0	R1722	Hydrocarbons	0.3	12.22	6.00	1.83	12.50	3.81	FM
	Upright	8.0	R1722	Alcohol	0.3	12.22	7.50	2.29	13.50	4.11	FM
	Pendent	8.0	R1712	Hydrocarbons	0.3	12.22	6.00	1.83	13.50	4.11	FM
	Pendent	8.0	R1712	Alcohol	0.3	12.22	6.92	2.11	13.50	4.11	FM
	Upright	8.0	R1027	Hydrocarbons	0.3	12.22	6.00	1.83	49.50	15.09	FM
	Upright	8.0	R1027	Alcohol	0.3	12.22	7.50	2.29	37.00	11.28	FM
	Pendent	8.0	R1017	Hydrocarbons	0.3	12.22	6.00	1.83	48.67	14.83	FM
	Pendent	8.0	R1017	Alcohol	0.3	12.22	6.92	2.11	36.00	10.97	FM
	Upright	11.2	R2921	Hydrocarbons	0.3	12.22	6.00	1.83	49.50	15.09	FM
	Upright	11.2	R2921	Alcohol	0.4	16.30	8.75	2.67	49.00	14.94	FM
	Pendent	11.2	R2916	Hydrocarbons	0.3	12.22	8.17	2.49	48.67	14.83	FM
	Pendent	11.2	R2916	Alcohol	0.4	16.30	7.75	2.36	48.00	14.63	FM
	Upright	11.2	R3226	Hydrocarbons	0.3	12.22	6.00	1.83	49.50	15.09	FM
	Upright	11.2	R3226	Alcohol	0.4	16.30	8.75	2.67	49.00	14.94	FM
	Pendent	11.2	R3216	Hydrocarbons	0.3	12.22	8.17	2.49	48.67	14.83	FM
	Pendent	11.2	R3216	Alcohol	0.4	16.30	7.75	2.36	48.00	14.63	FM



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