

# Sprinklers, Automatic and Open

**COMPANY**

**SHIELD FIRE SAFETY & SECURITY LTD**

Unit 3, Endeavour Dr  
Basildon, SS14 3WF United Kingdom

EX6699

Sprinkler Identification Number (SIN) SD1010, SD1015, SD1030, SD1032, SD1050, SD1055, SD1121, SD1125, SD1133, SD2133, SD1025, SD1020, SD1021, SD2121, SD1026, SD5120, SD6120, SD5220, SD6220, SD7120, SD7220, SD8220, SD050, SD055. glass bulb-type sprinklers.

Chrome plated brass sprinklers are identified by unplated loading screws.

**UPRIGHT AND PENDENT STANDARD SPRAY SPRINKLERS  
NOMINAL 5.6 K-FACTOR**

SIN	Response Type	Type	System Working Pressure, psig	Temp Rating, °F
SD1030	QR	Pendent	175	135, 155, 175, 200, 286
SD1032	QR	Upright	175	135, 155, 175, 200
SD1010	SR	Pendent	175	135, 155, 175, 200, 286, 360
SD1015	SR	Upright	175	135, 155, 175, 200

**NOMINAL 1.4 TO 4.2 K-FACTOR**

SIN	Response Type	Type	Nom K-Factor	System Working Pressure, psig	Temp Rating, °F
SD1020	QR	Pendent	4.2	175	135, 155, 175, 200
SD1021	QR	Upright	4.2	175	135, 155, 175, 200

**NOMINAL 8.0 K-FACTOR**

SIN	Response Type	Type	Inlet Thread NPT	System Working Pressure, psig	Temp Rating, °F
SD5120	SR	Upright	3/4	175	135, 155, 175, 200
SD6120	SR	Pendent	3/4	175	135, 155, 175, 200
SD5220	QR	Upright	3/4	175	135, 155, 175, 200
SD6220	QR	Pendent	3/4	175	135, 155, 175, 200

**FLUSH, RECESSED AND CONCEALED SPRINKLERS**

SIN	Response Type	Type	Nom K-Factor	Cover	Temp Rating, °F Sprinkler
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SD1055	QR	Concealed Pendent	5.6	135	155
SD1030	QR	Recessed Pendent	5.6	—	135, 155, 175, 286
SD1050	SR	Concealed Pendent	5.6	135	135, 155
SD1050	SR	Concealed Pendent	5.6	155	175, 200
SD1010	SR	Recessed Pendent	5.6	—	135, 155, 175, 200, 286, 360
SD6120	SR	Rec. Pendent	8.0	—	135, 155, 175, 200
SD6220	QR	Rec. Pendent	8.0	—	135, 155, 175, 200
SD7120	SR	Rec. HSW	8.0	—	135, 155, 175, 200
SD7220	QR	Rec. HSW	8.0	—	135, 155, 175, 200

**STANDARD SIDEWALL SPRAY SPRINKLERS**

SIN	Response Type	Type	Nom k-Factor	System Working Pressure, psig	Temp Rating, °F
SD1133+	SR	HSW	5.6	175	135, 155, 175, 200
SD1121+	QR	HSW	5.6	175	135, 155, 175, 200
SD2133+	SR	VSW	5.6	175	155,175,200
SD2121+	QR	VSW	5.6	175	155,175,200
SD7120+	SR	HSW	8.0	175	135, 155, 175, 200
SD7220+	QR	HSW	8.0	175	135, 155, 175, 200

+ Sprinklers Listed for Ordinary Hazard Applications

**CONVENTIONAL (OLD STYLE) SPRINKLERS**

SIN	Response Type	Nom K-Factor	Temp Rating, °F
SD1025	SR	5.6	135, 155, 175, 200, 286, 360
SD1026	QR	5.6	135, 155, 175, 200, 286

**QUICK RESPONSE (QR)-EXTENDED-COVERAGE SPRINKLERS - LIGHT HAZARD**

SIN	Type	Max Width Ft (A)	Max Length Ft (B)	Min Flow GPM	System Working Pressure, psig	Nom K-Factor	Distance Below Ceiling, In.	Temp Rating, °F
SD1125	HSW, Rec. HSW	16	16	26	175	5.6	4 to 12	135, 155, 175, 200
SD1125	HSW, Rec. HSW	16	18	29	175	5.6	4 to 12	135, 155, 175, 200
SD1125	HSW, Rec. HSW	16	20	32	175	5.6	4 to 12	135, 155, 175, 200
SD1125	HSW, Rec. HSW	16	22	36	175	5.6	4 to 6	135, 155, 175, 200
SD1125	HSW, Rec. HSW	16	22	42	175	5.6	6 to 12	135, 155, 175, 200
SD8220	HSW, Rec. HSW	16	16	28	175	-	4 to 12	135, 155, 175, 200

SD8220	HSW, Rec. HSW	16	18	29	175	-	4 to 12	135, 155, 175, 200
SD8220	HSW, Rec. HSW	16	20	32	175	-	4 to 6	135, 155, 175, 200
SD8220	HSW, Rec. HSW	16	20	36	175	-	6 to 12	135, 155, 175, 200
SD8220	HSW, Rec. HSW	16	22	36	175	-	4 to 12	135, 155, 175, 200
SD8220	HSW, Rec. HSW	16	24	39	175	-	4 to 12	135
SD8220	HSW	16	24	39	175	-	4 to 12	175

Sprinkler Identification Number (SIN) SD033, SD021, SD015, SD032, SD010, SD030 and SD025 Glass Bulb Type.

**UPRIGHT AND PENDENT STANDARD-SPRAY SPRINKLERS  
NOMINAL 5.6 K-FACTOR**

SIN	Response Type	Type	System Working Pressure, psig	Temp Rating, °F
SD015	SR	Upright	175	135, 155, 175, 200, 286
SD032	QR	Upright	175	135, 155, 175, 200, 286
SD010	SR	Pendent	175	135, 155, 175, 200, 286
SD030	QR	Pendent	175	135, 155, 175, 200, 286

**STANDARD SIDEWALL-SPRAY SPRINKLERS**

SIN	Response Type	Type	Nom K-Factor	System Working Pressure, psig	Temp Rating, °F
SD033 **	SR	Horizontal	5.6	175	135, 155, 175, 200, 286
SD021 **	QR	Horizontal	5.6	175	135, 155, 175, 200, 286

\* - Installed 4 to 12 in. below ceiling.

# - For ordinary hazard occupancies.

**CONVENTIONAL (OLD STYLE) SPRINKLERS**

SIN	Response Type	Nom K-Factor	Temp Rating, °F
SD025	SR	5.6	135, 155, 175, 200, 286

**FLUSH, RECESSED AND CONCEALED SPRINKLERS**

SIN	Response Type	Type	Nom K-Factor	System Working Pressure, psig	Temp Rating, °F	
					Cover	Sprinkler
SD050	SR	Conc. Pendent	5.6	175	135	135, 155
SD050	SR	Conc. Pendent	5.6	175	165	175, 200

SD055	QR	Conc. Pendent	5.6	175	135	135, 155
SD055	QR	Conc. Pendent	5.6	175	165	175, 200



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