

Table 9.7.JJ.: Sprinkler Design criteria for Storage of Aerosols

Aero-sol Level	Ceiling Height m	Storage Height m	Ceiling Sprinkler					Inrack Sprinkler		Pump Capacity	
			Sprinkler	Design Density mm/min	Design Area m ²	Minimum Pressure	Number of Sprinklers	Sprinkler	Layout	Without Hydrant gpm	With Hydrant gpm
UNCARTONED AEROSOLS IN RACK STORAGE CONFIGURATION											
2	9.1	4.6	K 14 /ESFR	-	-	5.2	12	-	-	1500	2000
2	9.1	7.6	K ≥8.0/SR/HT	12	232	-	-	K5.6/QR/OT	L - 9	1500	2000
3	9.1	7.6	K ≥8.0/SR/HT	12	232	-	-	K5.6/QR/OT	L - 9	1500	2000
ALL TYPE OF COOKING SPRAY PRODUCTS FOR ALL STORAGE CONFIGURATIONS											
-	9.1	7.6	K 14 / ESFR			5.2	12	-	-	1500	2000
SR - Standard Response, FR - Fast Response, OT - Ordinary Temperature, HT - High Temperature, ESFR - Early Suppression Fast Response, Refer to Table 9.7.KK. For Sprinkler layouts and Schemes.											