

Table 9.29.A.: High Ceiling Sprinkler Protection Design Criteria

HAZARD	CEILING HEIGHT 10 m TO 13.5 m	CEILING HEIGHT 13.5 m TO 18 m	CEILING HEIGHT 18 m TO 30 m
3. HIGH HAZARD	K-factor- K11.2 (K160) Min Pressure 12 psi (0.8 bar) Min No of Sprinklers 06 Design Density gpm/ft ² (mm/m ²) 0.30 (12.0) Design area ft ² (m ²) 3600 (340) Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm	K-factor- K25.2 (K360) Min Pressure 7 psi (0.5 bar) Min No of Sprinklers 12 Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm	K-factor- K25.2 (K360) Min Pressure 7 psi (0.5 bar) Min No of Sprinklers 12 Pump Capacity Without hydrant- 1000 gpm With hydrants-1250 gpm