

Table 9.7: Automatic Sprinkler System Requirements

ITEMS	REQUIREMENTS
27. STANDARD PENDENT AND UPRIGHT SPRINKLERS	<p>xv. The minimum clearance between the top of storage and the sprinkler head shall be not less than 500 mm and shall be 1000 mm in special situations for special sprinklers such as ESFR & ELO sprinklers.</p> <p>xvi. Sprinklers under glass or plastic skylights exposed to the direct rays of the sun shall be of the intermediate-temperature classification.</p> <p>xvii. Where there is a vertical change in the ceiling elevation within the area of coverage of the sprinkler creating a distance of more than 900 mm between the upper ceiling and the sprinkler deflector, a vertical plane extending down from the ceiling at the change in elevation shall be considered a wall for the purpose of sprinkler spacing.</p> <p>xviii. Where the distance between the upper ceiling and the sprinkler deflector is less than or equal to 900 mm, the sprinklers shall be permitted to be spaced as though the ceiling was flat, provided the obstruction rules and ceiling pocket rules are observed.</p> <p>xix. Under an obstructed construction, the sprinkler shall be installed in each bay of such construction with the sprinkler deflector located not less than 25 mm to not more than 300mm from the ceiling.</p> <p>xx. Sprinklers shall be located so as to minimize obstructions to discharge or additional sprinklers shall be provided to ensure an adequate coverage of the hazard.</p> <p>xxi. Sprinklers shall be permitted to be spaced on the opposite sides of obstructions not exceeding 1.2 m in width, provided the distance from the center line of the obstruction to the sprinklers does not exceed one-half the allowable distance permitted between sprinklers.</p> <p>xxii. Obstructions located against the wall and that are not over 762 mm in width shall be permitted to be protected.</p>