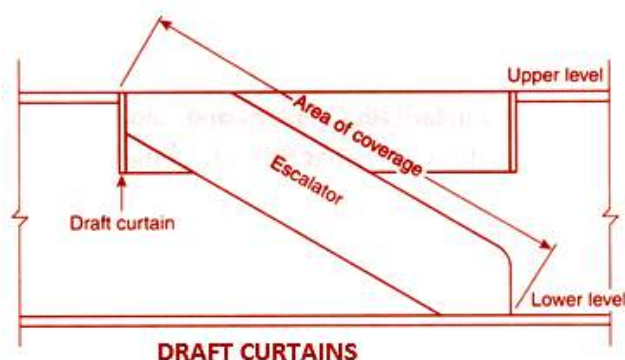
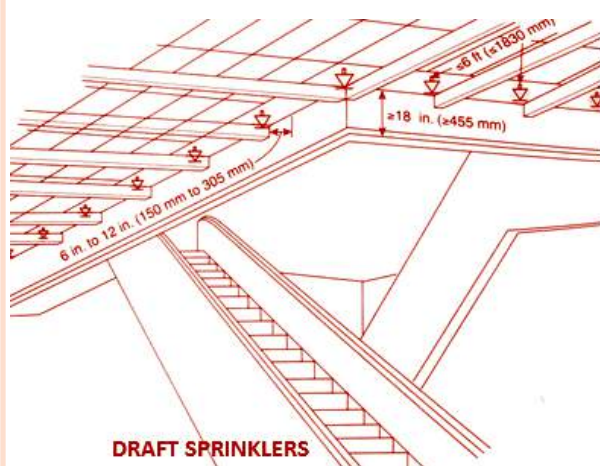




**Table 1.9: Fire Resistance Separation and other requirement of incidental accessory /Occupancies.**

INCIDENTAL ACCESSORY ROOMS AND OCCUPANCIES	REQUIRED SEPARATION WITH AUTOMATIC FIXED FIRE PROTECTION SYSTEM	REQUIRED SEPARATION WITHOUT AUTOMATIC FIXED FIRE PROTECTION SYSTEM	OTHER CONSTRUCTION AND PROTECTION REQUIREMENTS (See Chapter 9 for Fire Protection requirements Chapter 10 for smoke control requirements)
43. ESCALATOR/ CONVEYOR OPENINGS	0 Hour	0 Hour	<ul style="list-style-type: none"> <li>i. Service openings for Escalators and conveyors, where required to be open on more than one floor at the same time for purposes of operation, shall be provided with closing devices .</li> <li>ii. In buildings protected throughout by an approved automatic sprinkler system, escalators or moving walk openings shall be permitted to be protected by rolling steel shutters appropriate for the fire resistance rating of the vertical opening protected.</li> <li>iii. The shutters shall close automatically and independently of each other upon smoke detection and sprinkler operation at a speed not exceeding 0.15 meters/second.</li> <li>iv. Shutters shall be equipped with sensitive leading edge which shall arrest the progress of a moving shutter and cause it to retract a distance of approximately 150 mm upon the application of a force not exceeding 90 N applied to the surface of the leading edge. Shutter shall have backup power supply.</li> <li>v. In buildings protected throughout by an approved automatic sprinkler system, escalators or moving walk openings shall be permitted to be protected in accordance with the sprinkler-draft curtain method.</li> </ul>



**Figure 1.11.: Draft Curtain and Draft Sprinklers**