

## 2003 IBC Sprinkler Requirements

Use Group	Threshold	Exception
All Occupancies	Buildings with floor level $\geq$ 55 feet above vehicle access and occupant load $\geq$ 30	Airport control towers, open parking structures, F-2,R-3,U
A-1, A-3, A-4	Fire area > 12,000 sf or fire area occupant load > 300 or fire area above or below of exit discharge. (A-1 only Multiplex Theaters)	Participant sport arenas at level of exit discharge for A-3 and A-4
A-2	Fire area > 5,000 sf or fire area occupant load > 300 or fire area above or below of exit discharge.	None
A-5	Accessory areas > 1,000 sf	None
E	Fire area > 20,000 sf or level of exit discharge	Each classroom has exterior door at grade
F-1	Fire area > 12,000 sf or buildings > 3 stories or combined fire area > 24,000 sf.	None
M	Woodworking > 2,500 sf (F-1 only)	None
S-1	Bulk storage of tire > 20,000 cu. ft for S-1 only	None
H-1, H-2, H-3, H-4, H-5	Sprinklers required	None
I-1, I-2, I-3, I-4	Sprinklers required	None
R	Sprinklers required	None
S-1 Repair Garages	Fire area > 12,000 sf or $\geq$ 2 stories (including basement) with fire > 10,000 sf or repair garage servicing vehicles in basement	None
S-2 Parking Garage	Enclosed auto parking - Sprinklers required. Commercial truck and/or buses parking > 5,000 sf	None
Covered Malls (402.8)	Sprinklers required	Attached open parking structures
High Rises (403.2, 403.3)	> 75 feet above vehicle access	Airport traffic control towers, open garages, A-5
Unlimited Area Buildings (507)	A-3,A-4,B,E,F,M,S: 1 story B,F,M,S: 2 story	One story F-2 or S-2

Threshold requirements in Sec. 903.2 unless noted  
 Table 903.2.13 has requirements for additional suppression systems