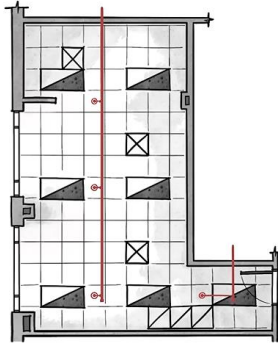
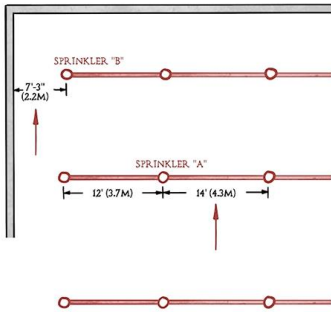


# COVERAGE AREA FOR STANDARD UPRIGHTS & PENDENTS?

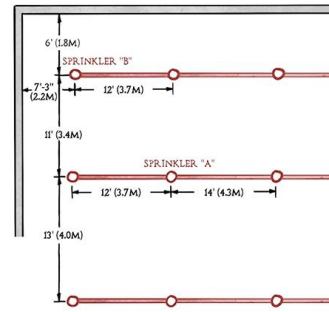


## SPRINKLER SPACING:

1. DISTANCE BETWEEN SPRINKLERS
2. DISTANCE BETWEEN SPRINKLERS AND WALLS
3. COVERAGE AREA PER SPRINKLER
4. DISTANCE FROM A SPRINKLER BELOW A CEILING OR ROOF
5. DISTANCE FROM OBSTRUCTIONS
6. DISTANCE FROM HEAT SOURCES



$$A = S \times L$$



$$A = S \times L$$

SPRINKLER B:

$$A_b = (14.5') \times (12') = 174 \text{ sqft}$$

$$A_b = (4.4\text{m}) \times (3.7\text{m}) = 16.3 \text{ sqm}$$

SPRINKLER A:

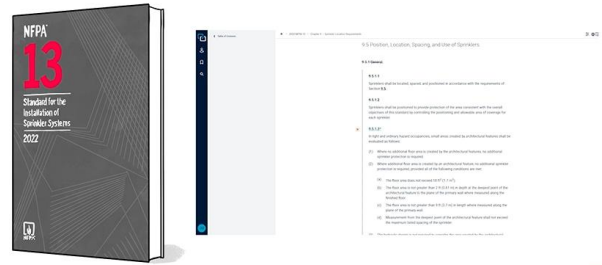
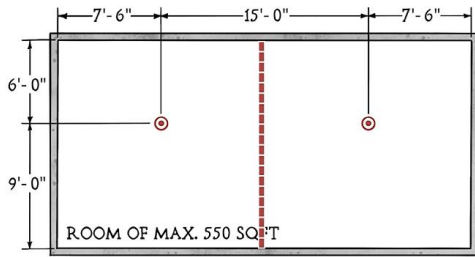
$$A_a = (14') \times (13') = 182 \text{ sqft}$$

$$A_a = (4.3\text{m}) \times (4.0\text{m}) = 17.2 \text{ sqm}$$



## NOTES

Grid of dotted lines for taking notes.



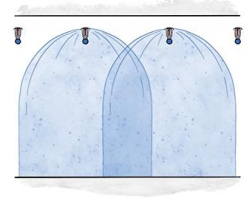
NFPA LINK® USED WITH PERMISSION. SEE LINK BELOW



19.2.4 Protection Area per Sprinkler (Standard Pendant and Upright Spray Sprinklers)

Table 19.2.4.2.1(a) Protection Area and Maximum Spacing of Standard Pendant and Upright Spray Sprinklers for Light Hazard

Construction Type	System Type	Maximum Protection Area		Maximum Spacing	
		sq ft	m <sup>2</sup>	ft	m
Noncombustible unobstructed	Hydraulically calculated	225	20	15	4.6
Noncombustible unobstructed	Pipe schedule	200	18	15	4.6
Noncombustible obstructed	Hydraulically calculated	225	20	15	4.6
Noncombustible obstructed	Pipe schedule	200	18	15	4.6
Combustible unobstructed with no exposed members	Hydraulically calculated	225	20	15	4.6
Combustible unobstructed with no exposed members	Pipe schedule	200	18	15	4.6
Combustible unobstructed with exposed members 3 ft (910 mm) or more on center	Hydraulically calculated	225	20	15	4.6
Combustible unobstructed with exposed members 3 ft (910 mm) or more on center	Pipe schedule	200	18	15	4.6
Combustible unobstructed with members less than 3 ft (910 mm) on center	All	130	12	15	4.6
Combustible obstructed with exposed members 3 ft (910 mm) or more on center	All	168	16	15	4.6
Combustible obstructed with members less than 3 ft (910 mm) on center	All	130	12	15	4.6
Combustible concealed spaces in accordance with 10.2.6.1.4	All	130	11	15 parallel to the slope 10 perpendicular to the slope*	4.6 parallel to the slope 3.0 perpendicular slope



NOTES

Grid of dots for notes.