

Maximum sprinkler spacing & coverage area

EN 12845 / NFPA 13

Maximum area per sprinkler and maximum spacing between heads, by hazard.

Reference table

Hazard | Max area per head (m²) | Max spacing (m) | Min spacing (m)

LH | 21 | 4.6 | 2

OH | 12 | 4 | 2

HHP / HHS | 9 | 3.7 | 2

NFPA 13 Light QR | 18.6 | 4.6 | 1.8

NFPA 13 Ordinary | 12.1 | 4.6 | 1.8

NFPA 13 Extra (Ext. Coverage) | 37.2 | 7.3 | 2.4

ESFR | 9.3 | 3.7 | 2.4

Source: EN 12845:2015 §12; NFPA 13 (2022) §10.2.4.