

Deluge nozzle count for EV parking row

FM DS 5-33 / NFPA 88A guidance

Recommended density 10 mm/min over each bay footprint. One K115 nozzle per ~9 m² at 1.0 bar.

Formula

$N = \text{ceil}(\text{bays} \cdot \text{bay_area} / \text{coverage})$

Inputs

- Number of bays in row — default 8
- Area per bay (m²) — default 13
- Coverage per nozzle (m²) — default 9