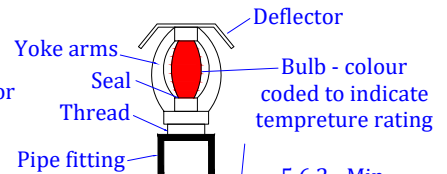


# BS 9251:2014 - FIRE SPRINKLER SYSTEM FOR DOMESTIC AND RESIDENTIAL OCCUPANCIES - Code of practice

For guidance and recommendations only

## SPRINKLER HEAD

5.5.a. - Max. area protected by each sprinkler = 25m<sup>2</sup> or see note 1



5.6.2 - Min. K-factor = 40

### LEGEND

- Sprinkler
- Pressure gauge
- Manual stop valve (normally open)
- Manual stop valve (normally closed)
- Solenoid operated stop valve (normally open)
- Non-return (sluice or check) valve
- Domestic water meter
- Flow switch

Note 1. - or in accordance with its approved listed performance

5.2 - A wet type sprinkler system. The pipes are filled with water all of the time which is under pressure. The system operates immediately when a sprinkler operates.

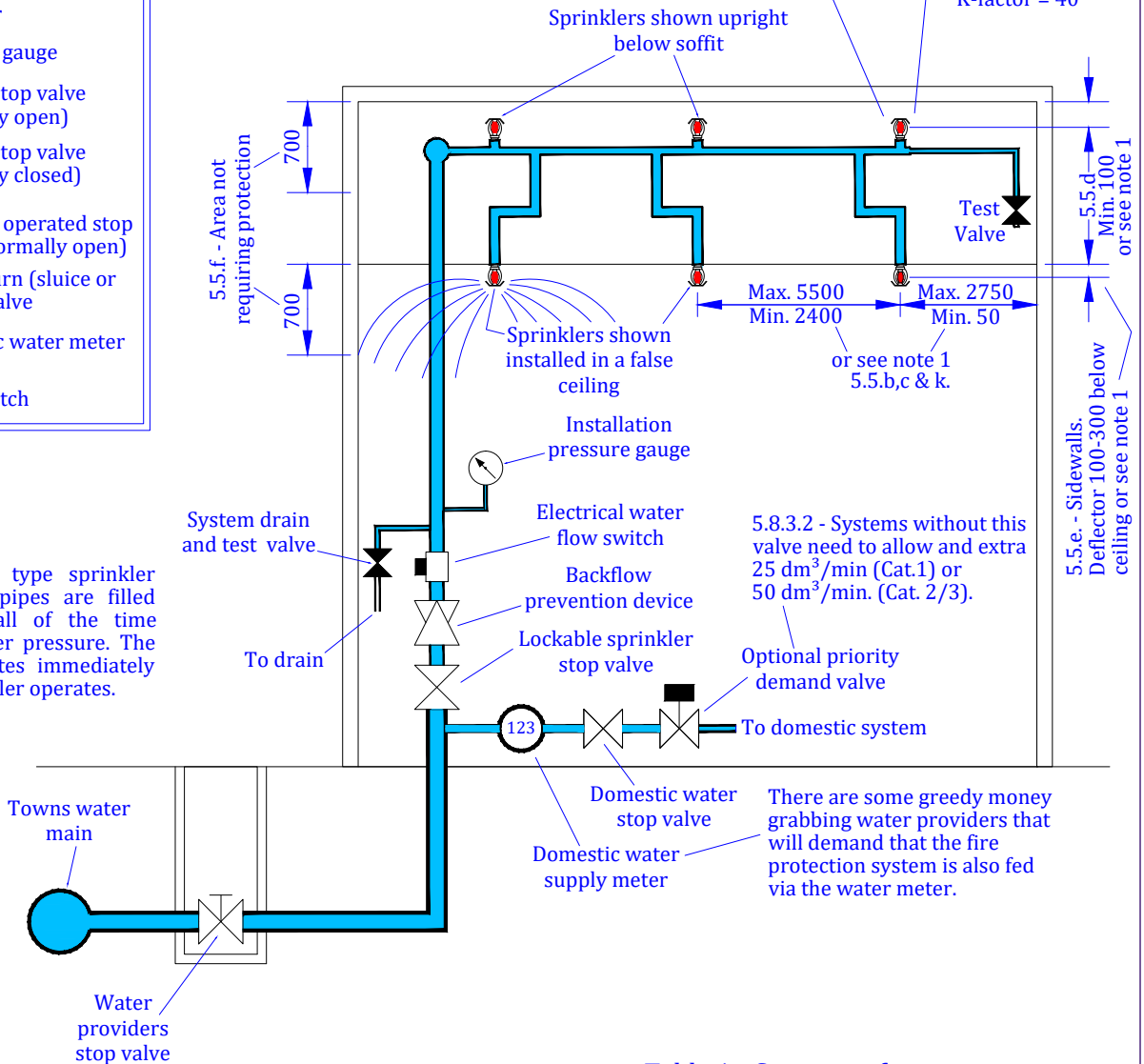


Table 1 - Category of system

**Category 1 - Single family dwelling** such as an individual house, B&B, maisonette, Boarding houses or Blocks of flats no higher than 18m with a max. floor area of 2400m<sup>2</sup>.

**Category 2 - Blocks of flats** higher than 18m. Small residential care homes with 10 or less residents or sheltered housing

**Category 3 - Residential care homes** with more than 10 residents, educational dormitories and hostels

