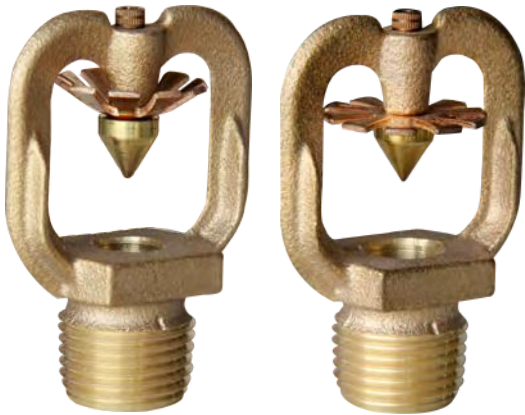
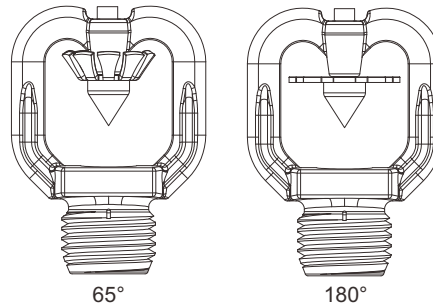


## Medium velocity open spray nozzle

Medium velocity open spray nozzle is designed for directional spray applications in fixed fire protection systems. It does not have heat-responsive element, and discharges a uniform cone of medium velocity water droplets.



- Certificate: UL Listed / FM Approved
- Standard: UL 199, NFPA 13
- Feature: K1.2 to K7.2, MV
- W. pressure: 175 psi
- O. pressure: 10 psi / 20 psi
- Surface: Rough brass



### Main parts and material

|                  |                |                                |       |
|------------------|----------------|--------------------------------|-------|
| <b>Deflector</b> | Brass          | <b>Heat responsive element</b> | /     |
| <b>Frame</b>     | Die case brass | <b>Splitter</b>                | Brass |

### Available size

| Type        | Nominal K-Factor | Response type | Discharge angle | Connection        | Working pressure (psi) | Ref. No.      |
|-------------|------------------|---------------|-----------------|-------------------|------------------------|---------------|
| Open nozzle | K1.2 (K17)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8701 (UL/FM) |
| Open nozzle | K1.8 (K26)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8702 (UL/FM) |
| Open nozzle | K2.3 (K33)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8703 (UL/FM) |
| Open nozzle | K3.2 (K46)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8704 (UL/FM) |
| Open nozzle | K4.1 (K59)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8705 (UL/FM) |
| Open nozzle | K4.9 (K71)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8706 (UL/FM) |
| Open nozzle | K5.6 (K80)       | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8707 (UL/FM) |
| Open nozzle | K7.2 (K104)      | /             | 65° ~ 180°      | 1/2", NPT or BSPT | 175                    | S8708 (UL/FM) |

**Note:**

1. For discharge angle, it is available with 65°, 80°, 95°, 110°, 125°, 140°, 160°, and 180°.
2. For min operating pressure, it is 10 psi for pendent position, and 20 psi for all other positions.