The KONE solutions for firefighters elevators fulfill both the environmental and functional requirements of EN 81-72-2015. Trap doors and ladders for rescue operations are provided. Electrical and control equipment, their enclosed and elevator operation in the event of fire service is according to requirement of EN81-72-2015.

Please select the KONE solution for fire service using the materials and devices listed on the other side, or contact your local KONE sales office for more detailed information.

A firefighters elevator can be used as a normal passenger elevator even if it has the additional protection, controls and signalization to enable it to be used under the direct control of the firefighter.

**Fundamental firefighters elevator requirements**

- Minimum car size 1100 mm x 1400 mm, 630 kg
- When evacuation required, minimum 1100 mm x 2100 mm for 1000 kg.
- Intercom between Car – Fire service access level – monitoring room
- Ladders and Trap door, minimum 400 mm x 600 mm for 630 kg, and 500 mm x 780 mm for larger cars
- IP23 Enclosure class for car controls and for electrical devices within 1 m from landing
- Specific building related requirements e.g. removal of water from pit by builder
**Landing device options for firefighters elevators**

KSH D20, KSI D42, KSI 573, KSA 573, KSH 660, KSH 670, KSI 673, KSA 673

* Firefighters access level always requires position indicator

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**Car interior options for firefighters elevators**

1. **CEILING**
   - LED spot lights CL88FF, CL88FFL

2. **CAR OPERATING PANEL**
   - Partial height KSC D23, KSC 143
   - Full height KSC D53, KSC D63, KSC 573, KSC 673, KSC 675

3. **HANDRAIL**
   - Full offering available, subject to limitation per local building codes

4. **WALLS AND FLOORING**
   - full offering available, subject to limitation per local building codes

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**Ladder in the car**

Ladder can be located in the ceiling with trapdoor (CL88FFL) or to separate ladder cabinet (not available in KONE MonoSpace® 500).

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**Landing door options for firefighters elevators**

KES 600 and KES 800 doors
- Stainless steel (F, K, M, D, H)
- IP54 enclosure

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