

STAKA

Staka Roof Access Hatches

n5Plus



## Roof Access Hatch DL 97

By Staka Roof Access Hatches

### Detailed description

The smallest version in the Staka range of roof access hatches. These roof hatches are frequently used to access flat roofs for inspection and/or maintenance of the roof or equipment installed on the roof.

#### Extension ladder:

Aluminium extension ladders are ideal for simple exit and entry through the roof access hatch to the roof for inspection and/or maintenance or for accessing equipment installed on the roof. The extension ladders satisfy the standards set in the Commodities Act, standard NEN 2484, standard BS EN 131 and Komo-KlimKeur quality mark.

#### Fixed ladder:

- A permanent solution as an access route to the roof access hatch. The aluminium ladders are supplied complete with the necessary wall brackets.
- Custom-made and suitable for indoor and outdoor use. If the height of the ladder is three metres or greater, a cage is required by legislation which begins 2200–2350 mm above the first step.
- Optionally a telescopic ladder beam, a cage hatch to prevent unauthorized use and a drop section are also available.

#### Retractable ladder:

The DL 97 is also available with an aluminium retractable ladder which complies with BS EN 14975. Supplied with casing, ceiling hatch, operating eye and operating hook. Retractable ladders are fitted with a telescopic railing.

- Height of casing: 140 mm.
- Ceiling height (maximum): 3250 mm.
- Steps: Aluminium 340 x 120 mm, featuring non-slip profile.
- Distance between steps: 280 mm (approximately), depending upon ceiling height.
- Built-in dimensions: 800 x 700 mm - 100 mm roof within the clear width of the roof hatch serves as the last step.

#### Electrically operated roof access hatches:

- Every Staka roof access hatch can be fitted with an electrical operation mechanism. The roof access hatch is then fitted with two electrical motors with thermal protection and connected to the mains electricity.
- The operating module is fitted with an emergency power supply to allow the cover to be opened and closed in the event of a power cut. Supplied ready-for-use and are easy to connect.

- Once the roof hatch has been installed on the roof, connect the plug to the mains electricity supply and the hatch is ready for use.
- Only electrically operated roof access hatches from Staka are supplied with a remote control unit and an operation console on the roof hatch itself. The cover can be stopped in any desired position.
- The operating module features extra connection points as standard which allows for the connection to an alarm system, fire alarm system, smoke detector, rain sensor or storm alarm if required.

### Product guidance - As Standard

#### Size:

900 x 700 mm.

#### Material:

Stainless steel AISI 1.4301 (304) or equivalent.

#### Upstand:

330 mm.

#### Colour/ Finish:

Powder coated white (RAL 9010) interior and exterior. Other colours available upon request.

#### Insulation:

- Rigid foam 50 mm thick (approximately) along the outside of the upright edge and 80 mm thick (approximately) in the cover itself.
- Inside cover Rc: 3.81 m<sup>2</sup>K/W.

#### Closure mechanism:

Two-point closing mechanism with euro cylinder lock and three keys.

#### Gas springs:

Make it easy to open and close the hatch cover and automatically secure the hatch when open.

#### Safety features:

Three handles and diagonal railing on inside of cover.

#### Windproof and waterproof:

BS EN 1026/ BS EN 12155: 650 Pa with neoprene rubber between the upright edge and cover.

#### Load bearing (maximum):

EN 1991: 4800 kg/m<sup>2</sup>.

#### Sound proofing:

EN-ISO 140: 23 dB.

#### Structural strength:

3000 Pa.

### Options

#### Accessories:

- Aluminium safety railing:

For extra security a safety railing is available, with the possibility of fitting the railing all the way around the roof hatch. One side can then be hinged (as a gate) and closes automatically.

## Product specification

### Manufacturer

- Name: Staka Roof Access Hatches
- Web: [www.roofaccesshatches.co.uk](http://www.roofaccesshatches.co.uk)
- Email: [info@staka.com](mailto:info@staka.com)

Product reference      Roof Access Hatch DL 97  
Roof Access Hatch DL 97 With Extension Ladder - Insert height requirement and ladder type (1, 2 or 3 part), consult technical literature for exact details.  
Roof Access Hatch DL 97 With Fixed Ladder - Insert height requirement, plus any ladder options. Consult manufacturer for details.  
Roof Access Hatch DL 97 With Retractable Ladder

Colour/ Finish      Powder coated white RAL 9010

Closure mechanism      Two-point closure via rotary knob cylinder  
Two-point closure via euro cylinder lock - Standard.

Operation      Manual - Standard.  
Electrical - Optional.

Accessories      [None]  
[Aluminium safety railing]  
[Hook on system for extension ladder]  
[Mounting system for extension ladder]  
[Security system for extension ladder]