



HALSPAN



Halspan® 6200 Eco Concealed Closers

Fire Rated Eco Door Closers

Halspan® 6200 Eco concealed closers are high efficiency, true cam action concealed slide arm closers. Suitable for most applications, particularly those with public use.

With fire certification up to 60 minutes, Halspan® 6200 Eco concealed closers offer outstanding durability combined with great value.



Fire

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| Tested in Accordance with: | EN 1634: Part 1:2014 BS 476: Part 22:1987 |
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Product Codes & Specification

Product Code

30 Eco Closer: **CLR-CCL-100** = 6200 series FD30 size 2-4 Concealed cam action door closer BSS finish
60 Eco Closer: **CLR-CCL-101** = 6200 series FD60 size 2-4 Concealed cam action door closer BSS finish

Stock Finishes

Brushed Stainless Steel (BSS) and Silver (SIL).

Other finishes available to order such as Polished Stainless Steel, Polished Brass, Bronze, RAL colours.

Specification

- Type: Overhead concealed slide arm door closer
- Size: Power size EN2-4 by spring
- Mechanism: Cam Action
- Closing Speed: Yes-adjustable
- Latch Action: Yes-adjustable
- Back Check: Yes-adjustable
- Max Door Width: 1100mm
- Max Door Weight: 80kg
- Opening Angle: 105°
- DDA BS 8300: Minimum door width 733mm
- Application: LH and RH doors - universal application
- Full intumescent protection pack to suit fire rating included
- 25 year guarantee**

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| Classification Number* | 3 | 8 | 2 4 | 1 | 1 | 3 |
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*For Classification details refer to guidance notes available to download at www.halspan.com, under Hardware.

**Halspan® 6200 range closers are guaranteed for 25 years subject to normal use. We will exchange any faulty unit upon production of an original sales receipt and copy of the specific door hardware building maintenance log.

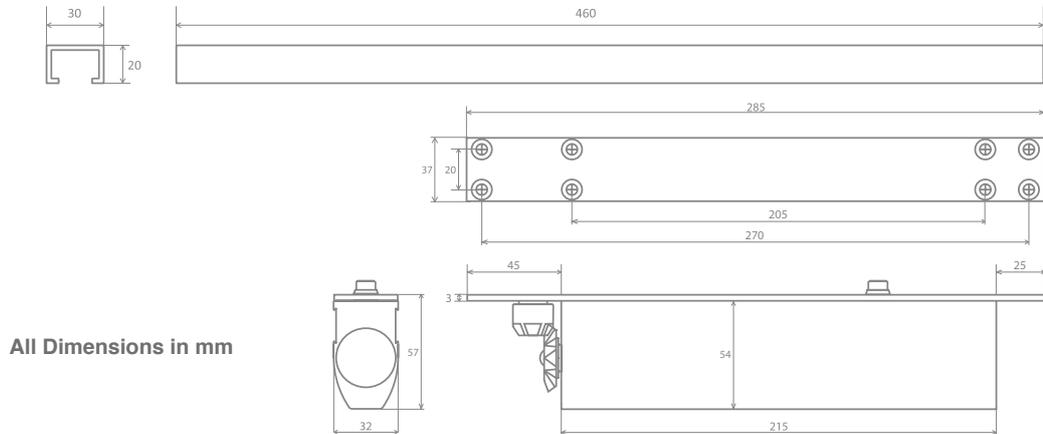


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Design Guide



All Dimensions in mm

General Maintenance & Operational Notes

Halspan door closers are highly developed, precision-made, factory-tested machines designed to meet the latest product performance standards. Once correctly installed, the unit should require no further maintenance, or adjustment, unless other factors change.

To ensure that the unit is operating safely, the doorset should be checked every 3 months with the points below being observed.

CHECK 1

A door closer is designed to close a door safely and securely into the frame after it has been opened manually.

Open the door and make sure it opens and closes freely and that the closing speed is acceptable (normally between 3 and 5 seconds from 90° open). If it is closing too quickly or slowly, please refer to the fitting instructions for closing speed adjustment.

If the door is not closing properly, check for obstructions on the floor, round the frame including seals, and that the hinges are properly installed and undamaged. If a latch is fitted, but not being overcome by the door closer, make sure that the strike plate is in correct alignment and that the door can be closed without the latch being withdrawn by the handle.

If wind or air pressure is holding the door open, the closer power may need increasing or local conditions may require attention. Make sure all the closer fixing screws and fittings are secure and tightened.

CHECK 2

If the door is a fire door, the closer must meet all of the relevant requirements of EN1154 and can only be held open with special devices which meet the requirements of EN1155 (door retaining magnets connected to the fire alarm system or similar devices). **THE DOOR MUST NOT BE HELD OPEN BY ANY OTHER MEANS.**

CHECK 3

Special functions. Many Halspan door controls have additional special functions such as adjustable backcheck and delayed action. Backcheck will help to cushion the opening cycle of the door if it is opened too vigorously or if the wind catches it. If the door is susceptible to this, and there is scope for damage to the door or adjacent features, please ensure that the backcheck is correctly adjusted according to the installation instructions.

Delayed action gives the closer a slower closing speed when the door is opened to beyond 90°, allowing slow moving traffic to pass through the door, once opened, without needing to hold the door open. For this function to be effective, the door must be able to be opened to beyond 90°.

ABUSE OF DOOR CLOSER

A door closer can be abused by incorrect installation and/or use. If the wrong closer is used on the wrong door, it may not function correctly and result in damage to the mechanism and the door and surround.

If the closer is fitted in any of the following conditions, abuse may occur:

- strong wind or air pressure changes
- very high or low temperature conditions (above 40°C and below -15°C)
- areas where the mechanism or any component may be subject to inappropriate force or damage
- any other use for which the product is not designed or intended

If a door closer is damaged, it may result in further damage to the door and surround and be dangerous for those using it. It is essential for the closer to be replaced as soon as possible. If the closer is fitted to a fire door, the whole building or area may be deemed to be unsafe until it is replaced.

Under no circumstances should you attempt to open the mechanism of the door closer. There is a powerful spring under tension inside the unit which could cause injury if the mechanism is opened.

