

DeepClean Extra - Flat Top - Floor Mounted - Anti-ligature (IP3X Rated) Grilles

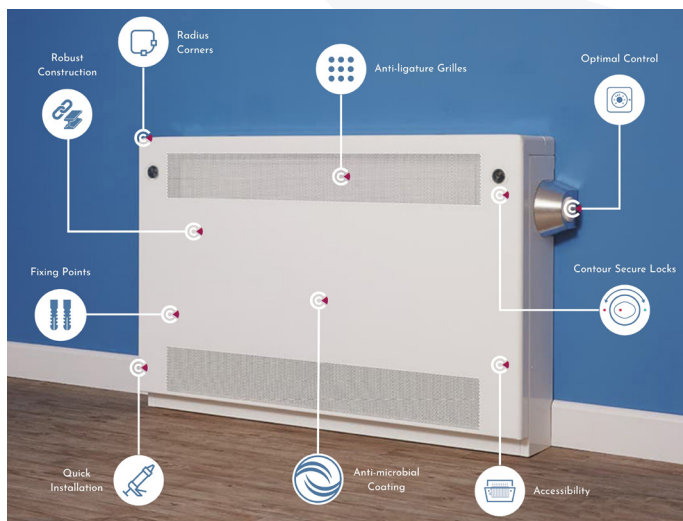


Overview

DeepClean Extra is a floor-mounted anti-ligature radiator guard designed to meet the needs of secure mental health environments. The flat top design provides a clean, streamlined finish where a sloping top may not be suitable – such as under low window sills or fixed shelving. Available as a guard-only product or a full package with a standard panel radiator, TRV and optional RotaRad kit, it combines safety, durability, and maintainability in areas where self-harm reduction and practicality must go hand in hand.

Key Features

This floor-mounted variant includes a secure drop-down door, IP3X rated anti-ligature grilles, and a BioCote® anti-microbial finish. Designed to enclose standard radiators safely and effectively, it also supports the use of RotaRad valve kits, helping simplify ongoing maintenance in mental health settings.



Radius Corners:

Radius edges and bullnose corners protect in the event of a slip or fall, and reduce the ability for edges being used for self-harm.



Anti-microbial Coating:

Powder coated inside and out with BioCote® protection on models finished in RAL 9003 white. Other colours are available.



Robust Construction:

1.5mm or 2mm Zintec steel construction ensures robust performance in the most demanding environments. Magnelis steel can be chosen for wet and humid environments such as en-suite bathrooms.



Anti-ligature Grilles:

The anti-ligature, IP3X rated grilles, with 2mm holes at 4mm centres, prevent items being passed through the casing and reduce ligature points, whilst still allowing for ventilation to maximise heat output.



Quick Installation:

The two-piece guard design allows for the frame to be sealed to the wall, whilst still allowing full access for cleaning via the drop-down door.



Fixing Points:

All wall and floor fixing points are located internally to protect against non-permitted access, removal or manipulation.



Contour Secure Locks:

Secure compression oval key locks as standard to ensure fast and simple access for staff whilst making unauthorised access significantly more difficult compared to standard locks.



Accessibility:

Full drop-down/removable door, allows full access for cleaning to maintain hygiene and heating efficiency in all environments. RotaRad kits are standard on all LSTs (can be removed if required).



Optimal Control:

A tapered, precision engineered, thermostatic radiator valve shroud which reduces the opportunity for the TRV to be used as an anchor point. Other TRV options are available.

Sizing & Heating Outputs

Sizing

- Single casing length 600mm to 2000mm
- Single casing height 550mm to 1150mm (Type 33 from 450mm)
- Lengths over 2000mm can be achieved but will be modular design so some assembly required on site
- Bespoke solutions available

Heating Outputs

- Heat outputs to BS EN 442 certification
- Outputs based on a mean radiator water temperature of 70°C and a room temperature of 20°C - Delta T50
- To achieve Delta T60 increase T50 figure by 20.5%
- To calculate alternative Delta T requirements, please refer to [Delta T Conversion Factor Table here](#).
- To convert BTU to Watts, multiply by 0.293. To convert Watts to BTU, divide by 0.293

Optional Extras

- Magnelis for wet rooms
- Different gauges of material available
- Strengthening struts
- Door cables

Standard Delivery

- Standard delivery comprises radiator guard of choice, corresponding Compact emitter (Single Fin, Half Fin, Double Fin and Triple Fin as specified), suitable RotaRad kit and the option of a 90° Herz ½" valve kit (suitable for a 15mm copper to copper connection on a two-pipe system)
- Split delivery* - Contour offer split deliveries as standard on all anti-ligature radiators. Radiators, RotaRad kits and valves are delivered first. Once the heating system is installed, tested and commissioned, casings are then delivered. This virtually eliminates storage problems and the risk of on-site damage or loss.
- Phased delivery* - Contour also offers delivery in phases where required.

*Additional carriage charges will apply for multiple deliveries.

Downloadable Resources

- [Tolerance Sheets available here](#)
- [Installation guide available here](#)

Technical Data

Manufacture

- Full frame design
- 1.5mm Zintec steel
- 10mm radius edges/bullnose corners
- Patented full height front access door with hinge (Pat. No. 2 410 544)
- Anti-ligature IP3X rated punched grille with 2mm diameter holes at 4mm centres in a triangular pitch formation.
- Cut-outs programmed into manufacture

Specification

Emitter

- Compact steel panel radiators. BS EN 442 tested and certified
- Operating pressure 10 bar - tested to 13 bar/188 PSI

Valve Options Available

- Internal TRV kit 9210-13
- Remote sensing TRV kit 7463-41
- External back to wall anti-ligature TRV kit 19352-41
- Alternative valve patterns and sizes are available upon request

Finish

- Polyester powder coated RAL 9003 white as standard (other colours available)
- Patented BioCote® anti-microbial agent as standard

Fixings

- All fixings internal
- Secure compression locks as standard