



## IMPORTANT:

BS5440-1:2008 (section 9.2.1)

Where persons could come into contact with the terminal a protective guard shall be used. The guard shall be fitted such that no part of the guard is less than 50mm from any part of the terminal.

A suitable guard should be provided whenever a terminal is fitted less than 2.1m above ground, a balcony or a flat roof to which people have access. For plume management kits, where the inlet is less than 2.0m above ground level, a balcony or a flat roof, a protective guard shall be used.

## TERMINAL GUARDS FOR CONDENSING BOILERS

Zinc-plated terminal guards are unsuitable for use with condensing boilers. Plastic coated (polyethylene) guards are recommended for this application, and are available from Tower.

### Product code key:

CGD (circular guard)

K3 (guard size)

BR (brown plastic coat finish)

BL (black plastic coat finish)

SS (stainless steel finish)

JS (JS500 finish)

HL (high-level with cutout for plume management flue)

\* Circular guards have fixed wire loop lugs, with the exception of the K2 which has moveable clips for wall-fixing

## PRODUCT DATA SHEET

### CIRCULAR TERMINAL GUARDS

Various finishes that include...

- Plastic Coating
- Zinc & Passivate
- Stainless Steel
- JS500

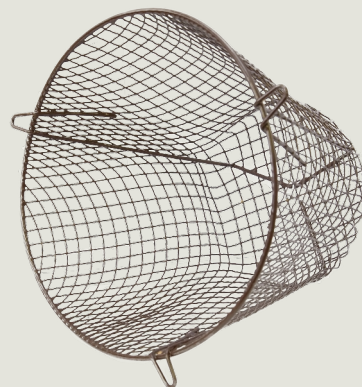
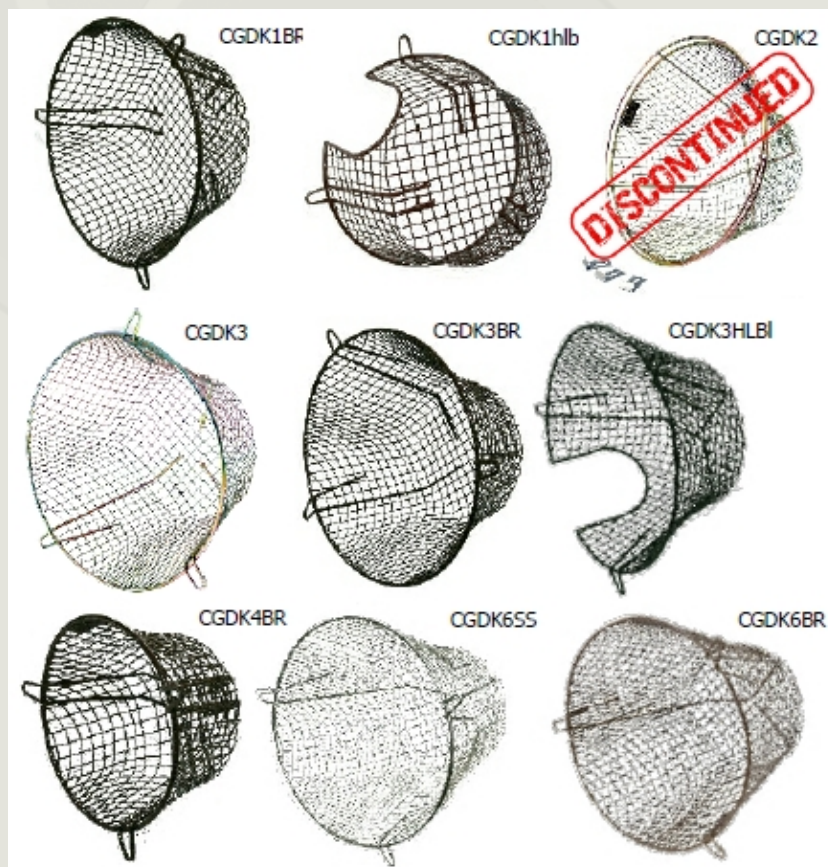


Table of guard sizes (diameter x depth):

|      | <u>Metric</u> | <u>Imperial:</u>                                  |
|------|---------------|---------------------------------------------------|
| K1   | 255 x 115mm   | 10" x 4.5"                                        |
| K2*  | 280 x 165mm   | 11" x 6.5" (DISCONTINUED PRODUCT)                 |
| K3   | 280 x 165mm   | 11" x 6.5"                                        |
| K4   | 178 x 100mm   | 7" x 4"                                           |
| K6   | 290 x 230mm   | 11.5" x 9"                                        |
| K1HL | 255 x 115mm   | 10" x 4.5" with cut-out for plume management flue |
| K3HL | 280 x 165mm   | 11" x 6.5" with cut-out for plume management flue |



TFC GROUP

CIRCULAR FLUE TERMINAL GUARDS



Cert No: RS 30178  
QR057

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Prepared for TFC Group By: M. Edmonston

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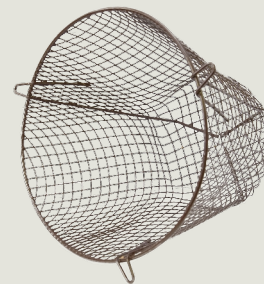
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### FLUE TERMINAL GUARD: OPTIONAL FINISHES

#### **REACH regulation causes change in appearance of terminal guards**

During the period Q4 2017 – Q1 2018 the appearance of Tower's zinc-plated flue terminal guards will be changing from yellow-chromate to blue chromate/clear. Please read on for more details:

We wish to bring to your attention that – over the course of the next six months, there will be a change in the appearance of Tower's zinc-plated flue terminal guards. Flue terminal guards are constructed from mild steel wire, woven, welded and formed into the various guard profiles available. The mild steel is protected by a 'zinc plate and yellow chromate passivate' finish, to prevent corrosion of the mild steel.

Due to the application of REACH Regulations (EC) 1907/2006, the appearance of the surface finish of Tower Flue Components' circular flue terminal guards will be changing on future production, from yellow chromate/gold, to blue chromate/clear.

The next phase of REACH regulations bar the use of chromium VI, or hexavalent chromium, which is used to generate the current yellow chromate finish.

The blue chromate/clear finish is achieved with chromium III, or trivalent chromium, which provides the same level of corrosion protection, but its use is permitted within the scope of the REACH regulations.

Blue chromate/clear passivation gives the mild steel product a similar appearance to stainless steel. Hence we will, with immediate effect, label stainless steel flue terminal guards so that they cannot be confused with the new zinc plate / passivate products.

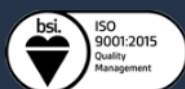
Yours faithfully,

John Todd

Director of Technical & OEM Sales

**TFC GROUP**

**CIRCULAR FLUE TERMINAL GUARDS**



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