CVE Shop Return Air Grilles have an exceptionally high free area of 85%, which is why egg-crates are considered to be the industry standard grille for exhaust and air transfer applications. A high free area results in the ability to handle giant air volumes with minimal noise and pressure drop generation. The Egg-crate grille core is not designed to withstand impacts or pressure of any kind, and so should not be used in any area these dangers may be inflicted, like sports halls or near floor level in walkways.

With hinged core, suitable for mounting in suspended ceilings, walls or duct and is typically used for clean air transfer.

Constructed entirely from aluminium including the frame and centre core. The frames are aluminium extrusions which are mitred and welded or cleated. The Egg-crate cores are constructed from aluminium egg-crate sheet with 12.5mm x 12.5mm x 12.5mm cubic cut-outs.
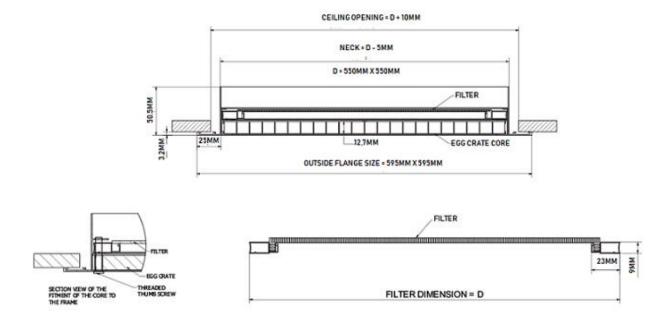
CVE Shop Return Air Grilles come with a replaceable filter. The actual filter pad is encapsulated in an aluminium frame. A distinct black coloured filter media that clearly shows dirt and particle build up. Easily replaceable.

Standard finish for this product is RAL9010 White. Other finishes are available to suit the interior and architectural design requirements.

Accessories
- Plastic top entry adaptors complete with circular spigot to suit circular metal ducting or flexible duct
- Galvanised Steel Plenum Boxes complete with circular spigot to suit spiral ducting or flexible duct
- 45 degree core available to create a cost-effective grille suitable for supply purposes

Sizes Available / Dimensions						
CVE Product Code	Neck Size	Neck Depth	Outside Flange	Flange Size	Blade Thickness	Free Area
CVRAG-550	550x550mm	50.5mm	595x595mm	25mm	1mm	Approx. 85%