



AFRICA AIRCONDITIONING & INSULATION SYSTEMS

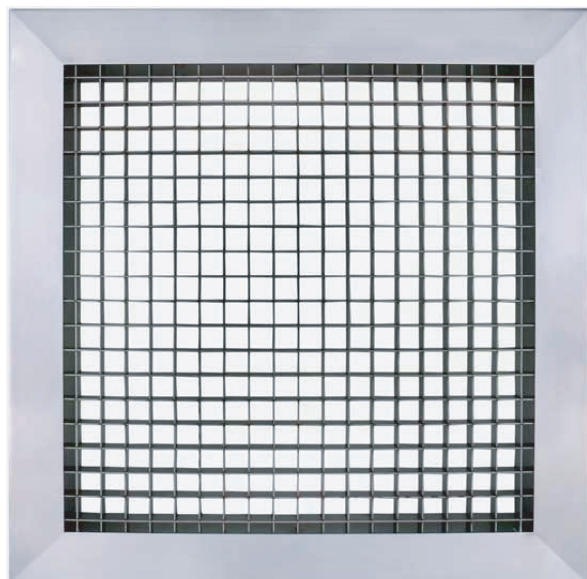
YOUR ONE STOP HVAC SUPPLIER

TECHNICAL CATALOGUE

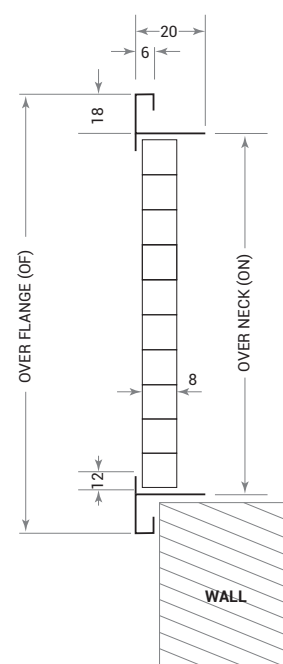
Egg Crate Grille
(TYPE ECA & ECP)



EGG CRATE (ALUMINIUM)



Egg Crate Grille manufactured with frame of extruded Type 50S anodising grade aluminium and the grid manufactured from 0,5mm aluminium sheet.



FINISHING OPTIONS

- (NA) = Natural Anodised Aluminium
- (BEC) = Baked Enamel Colour
- (EPC) = Epoxy Powder Coating

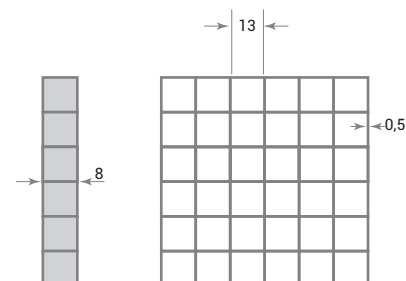
FRAME OPTIONS

- 25mm Standard

ACCESSORIES

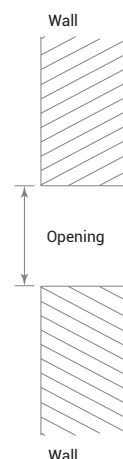
- (OBD) = Opposed Blade Damper
- (PC) = Punched Counter Sunk Holes
- (CF) = Concealed Fixing

CORE DIMENSIONS

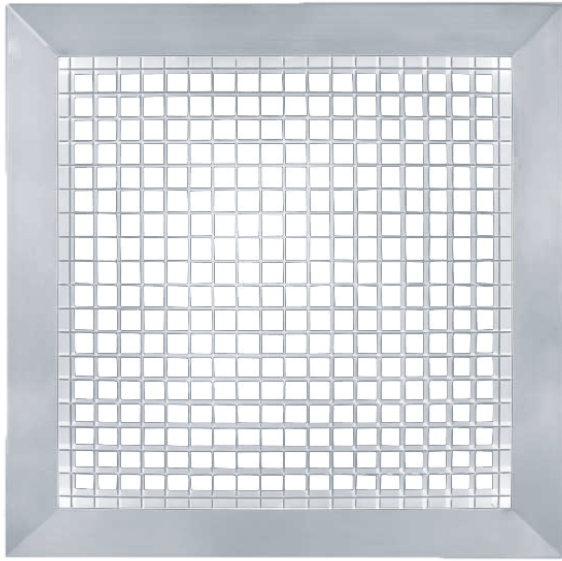


OTHER TERMINOLOGY

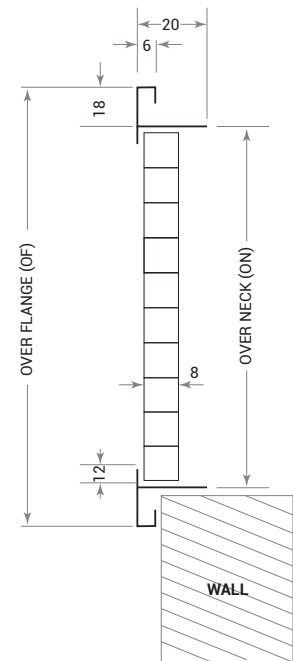
1. Clear Opening
2. Hole Size
3. Opening
4. Duct Size



EGG CRATE (PLASTIC)



Egg Crate Grille manufactured with frame of extruded Type 50S anodising grade aluminium and high density styrene core.



FINISHING OPTIONS (FRAME)

- (NA) = Natural Anodised Aluminium
- (BEC) = Baked Enamel Colour
- (EPC) = Epoxy Powder Coating

CORE:

- High Density Polystyrene
- Aluminium

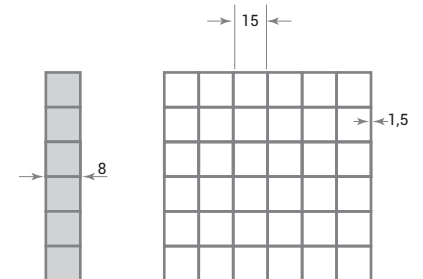
FRAME OPTIONS

- 25MM Standard

ACCESSORIES

- (OBD) = Opposed Blade Damper
- (PC) = Punched Counter Sunk Holes
- (CF) = Concealed Fixing

CORE DIMENSIONS



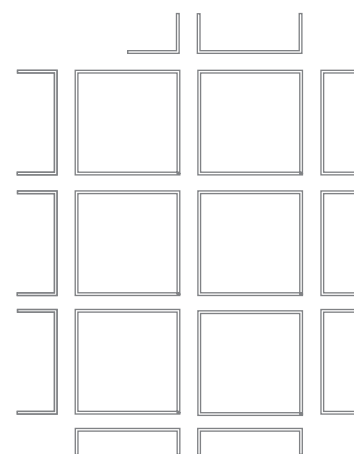
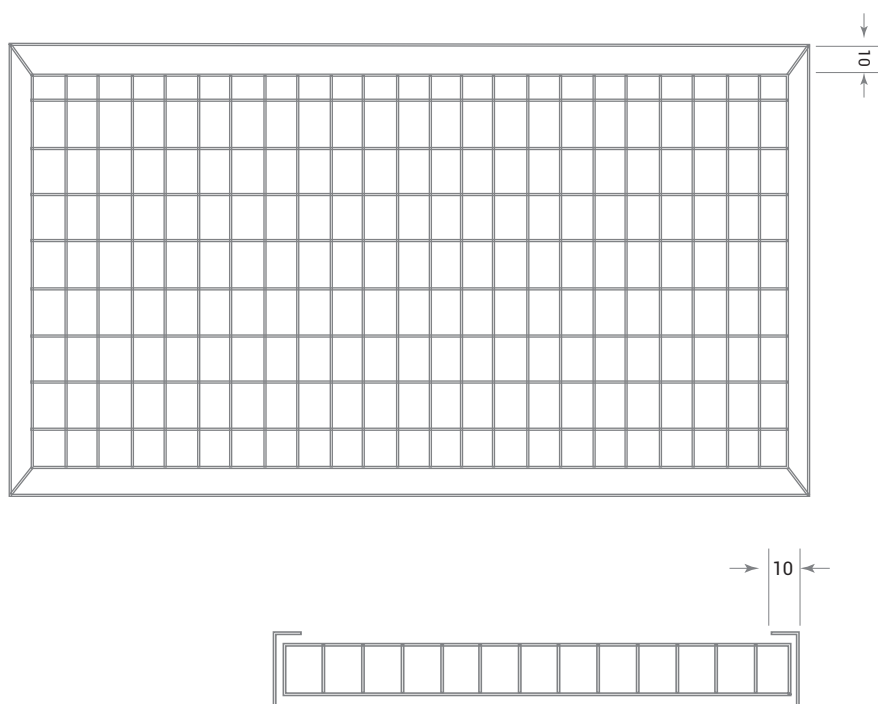
SPECIAL APPLICATIONS

EC & ECA CORES

- EC & ECA Cores are available with a 10mm channel frame for "Drop In" Ceilings.
- The channel frame fabricated of electrogalvanised metal and painted.
- Mitre cuts are not accurate as it is intended for channel to be hidden by ceiling "T".

Other Cores are also available on request

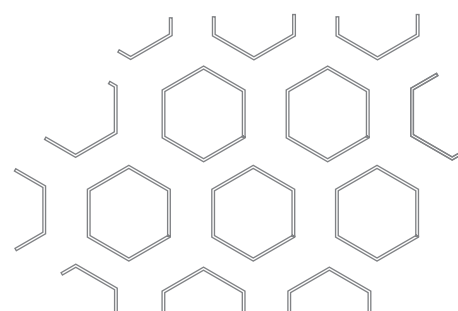
- Honeycomb
- 45° Angled Louvres
- Chrome Finish - both Matt or Gloss



Type: HD

HC = Honey Comb

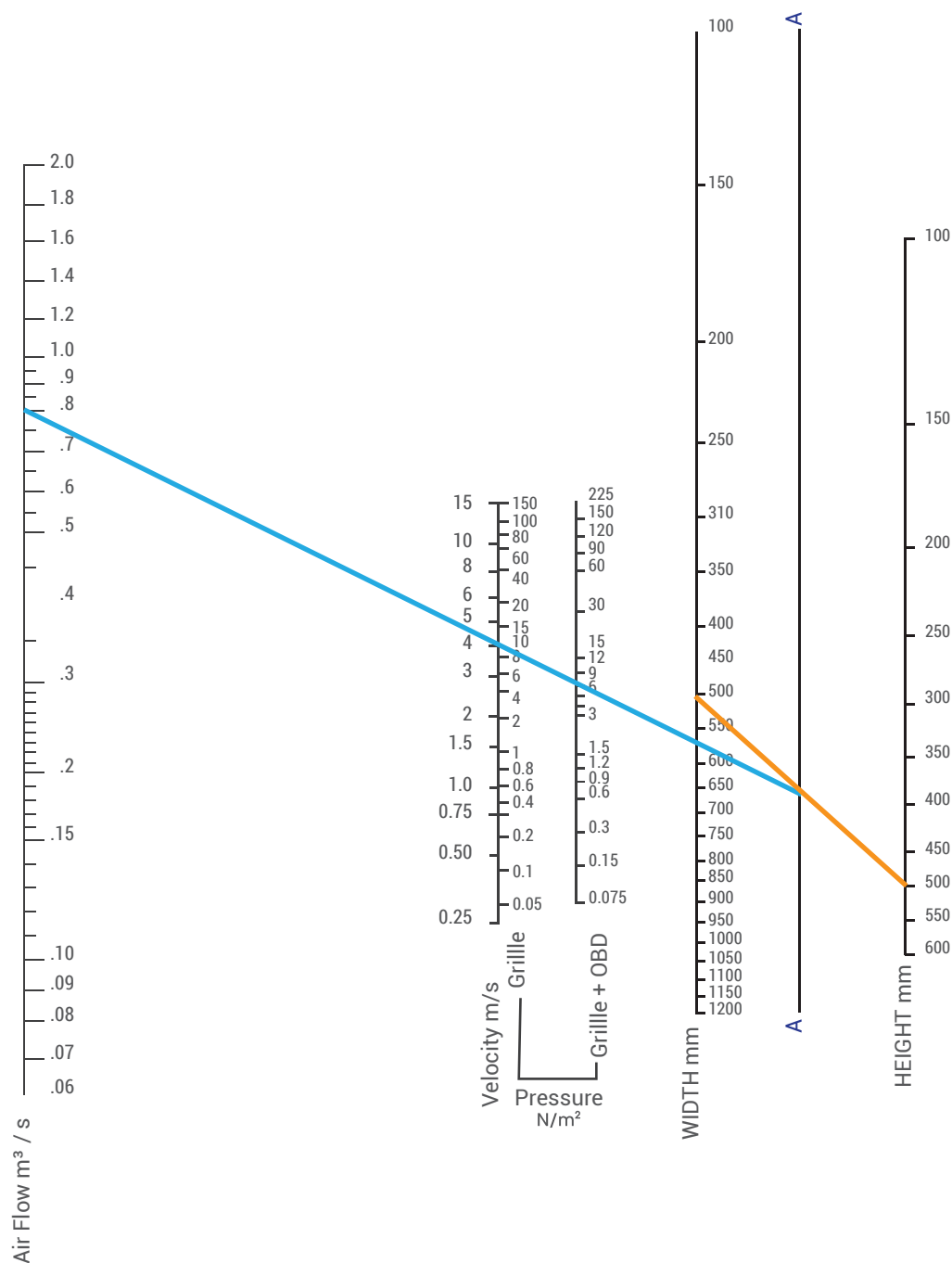
HD = Heavy Duty



Type: HC

NB : All dimensions for preparation of apertures must be confirmed with your sales representative prior to the work being done to avoid disappointments.

SELECTION DATA

**EXAMPLE**

- $0.8 \text{ m}^3/\text{s}$ AT 4 m/s
- USE $500 \text{ mm} \times 500 \text{ mm}$
- PRESSURE DROP IS 10 N/m^2
- GRILLE + OBD PRESSURE DROP IS 6 N/m^2 .
- BY PIVOTING ON LINE A-A, ALTERNATIVE DIMENSIONS ARE OBTAINED.

STOCKIST OF :

- » Grilles & Diffusers
- » Sheet Metal Products
- » Insulation Products
- » Dampers
- » Flexible Ducting
- » Condensate Pumps
- » Fans
- » Adhesives & Sealants
- » Duct Board
- » Aircon Accessories
- » Fibreglass Insulation
- » Closed Cell Insulation
- » Copper Insulation



AFRICA AIRCONDITIONING & INSULATION SYSTEMS (PTY) LTD

Unit 1A Buro Centre, 11 Garth Road,
Mayville, Durban, South Africa

t: +27 87 135 7120

e: sales@africaaircon.co.za

w: www.africaaircon.co.za