

GRILLES

Grilles Options
& Accessories

PUBLICATION

GRILLES 17

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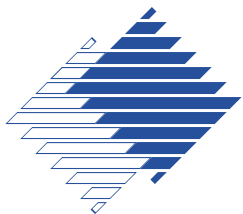


Features

- Standard & Concealed Fixings.
- Spring Clip & Quick Release Fixings.
- Screwdriver & Knob Operated Opposed Blade Dampers.
- Top & Side Entry Plenum Boxes.



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Fixing Options

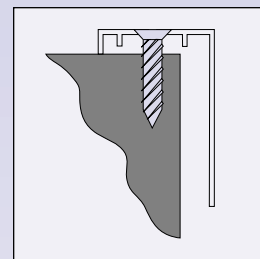
This data sheet details a number of options and accessories that are available on many of our Grille Series. Please refer to specific grille data sheets for information on availability and for further dimensional details.

Flange Screw Fixing

The standard Grille Fixing is screw through the face flange using self tapping screws provided. There are a few exceptions to this rule. Please check data sheets for further information.

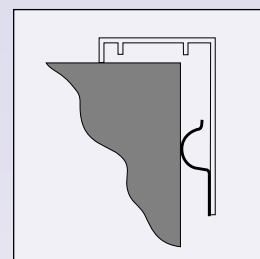
Standard Flange Border: 32mm wide.

Narrow 16mm border (Ref. N) also available using only a spring clip or concealed bracket fixing.



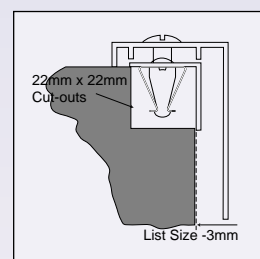
Spring Clip Fixing (Ref....SC)

Spring clip fixing offers a firm and convenient way to install grilles with the added benefit of being a concealed fixing method. By nature this method is not suitable for ceiling or sidewall mounted grilles and is recommended for cill type applications only.



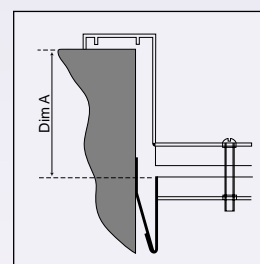
Quick Release Fixing (Ref....QR)

Quick release fixing uses quarter turn fasteners, instead of screws, to secure the grille to a sub frame making removal and re-fitting after installation quick and easy.



Concealed Bracket Fixing (Ref....CB)

Standard concealed bracket fixing can be used for units where aesthetics are of key importance and provide a secure and invisible means to fix/install units. Straps across the rear of the grille hold captive screws which locate into a loose secondary bracket. When offered into the opening the secondary bracket push clips over side rails fitted into the duct after which final tightening and alignment can be performed.

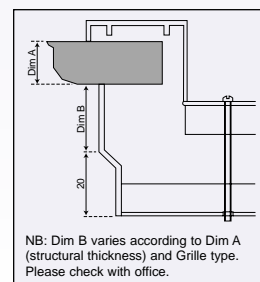


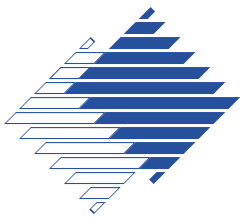
| Type | Grille Only Dim A | Grill c/w damper Dim A |
|--|----------------------|---------------------------|
| GH, GV, HH, HV, K, 2K, L3, L6, GECA, GECA1 | 50 | 100 |
| GHV, GVH | 73 | 123 |
| HHV, HVH | 78 | 128 |
| KG,F | 48 | 98 |

Concealed Leg Bracket Fixing (Ref....LB)

Special concealed bracket fixing is available where a secure yet invisible means to fix/install units is required in areas where our standard concealed fixing (CB) is unsuitable such as in plaster ceilings or non ducted installations.

Straps across the rear of the Grille hold captive screws which locate into a loose secondary bracket. Legs on the secondary bracket are manufactured to suit the structural thickness so that the unit can be tightened into position.



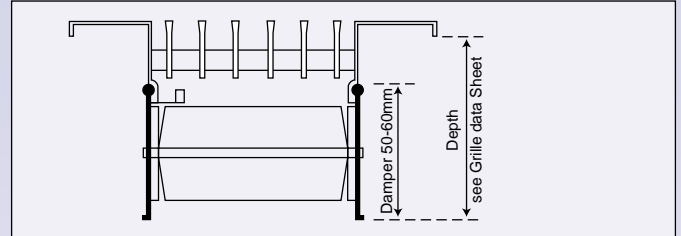


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Volume Control

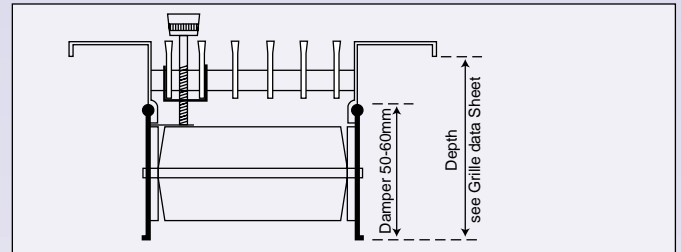
Opposed Blade Damper
(Ref.....DO)

Standard volume control is available with rear mounted opposed blade dampers operable by screwdriver through the grille face.



Knob Operated Damper
(Ref.....DK)

For easier volume control the standard opposed blade damper can be furnished with a permanent knob operation.

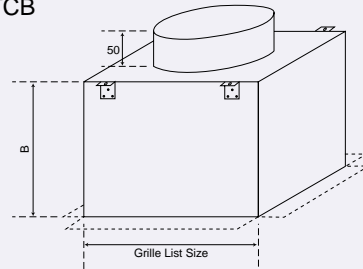


Plenum Boxes

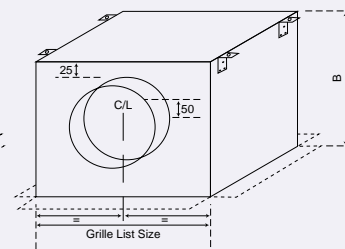
A wide selection of Gilbert Grille types can be provided complete with a top or side entry plenum option. Robustly Fabricated from Zintec treated mild steel the plenums are supplied pre-fitted to their respective grilles and come complete with all necessary fixing angles for drop rod support.

Both circular and square/rectangular spigot inlets are available and a number of volume control options can be fitted including quadrant, cord or teleflex operated flap damper and iris dampers. Plenum internals are normally mill finish. Matt black internal finish can be specified where required.

TOP CONNECTION
REF ...TCB



SIDE ENTRY
REF ...SEB



TCB Table

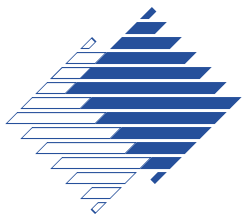
| Type (with or without Damper) | Dim B |
|--------------------------------------|-------|
| G, H, GC, GE, K, PE, L, F | 105 |
| HHV, HVH | 130 |
| GECA-RC (no return flange on plenum) | 75 |

Note: Dim B increases by 50mm (58mm on GHV & GVH) if both dampers and concealed bracket fixing are fitted

SEB Tables

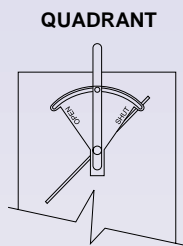
| Type (with or without Damper) | Dim B |
|--------------------------------------|------------------|
| G, H, GC, GE, K, PE, L, F | Spigot Dia + 130 |
| GECA-RC (no return flange on plenum) | Spigot Dia + 100 |

| Type (with Concealed Bracket Fixing ...CBF) | Dim B Grille Only | Dim B Grille c/w Damper |
|---|-------------------|-------------------------|
| GH, GV, HH, HV, GC, GE, K, PE, L, F | Spigot Dia + 105 | Spigot Dia + 155 |
| GHV, GVH | Spigot Dia + 113 | Spigot Dia + 163 |
| HHV, HVH | Spigot Dia + 133 | Spigot Dia + 183 |

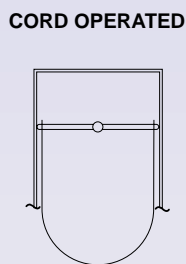


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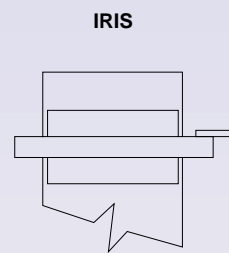
Plenum
Volume
Control



Ref. DQ



Ref. DC



Ref. DI

Ordering
Specification
Plenum
boxes only.

(See Grille data sheets for other ordering specifications.)

| | | | | | | | | | | | | |
|--|-----------|----|----|----|-----------|-------|----|----|------------|-----|------------|----|
| PLENUM TYPE : | TCB | GE | FC | CB | 300 x 200 | BH500 | BB | PM | DQ 250 DIA | TSO | DQ 250 DIA | 15 |
| Top Connection | TCB | | | | | | | | | | | |
| Side Connection | SEB | | | | | | | | | | | |
| GRILLE TYPE (See Inside) | | | | | | | | | | | | |
| FIRE RATED/INSULATED OPTIONS | | | | | | | | | | | | |
| With Fire Curtain..... | FC | | | | | | | | | | | |
| With Intumescent Block.. | FI | | | | | | | | | | | |
| With Thermal/Acoustic Insulation (12mm Pyro)... | AT1 | | | | | | | | | | | |
| Insulation (25mm Pyro).. | AT2 | | | | | | | | | | | |
| CB FIXING (On Grille) | CB | | | | | | | | | | | |
| LIST SIZE OF GRILLE CONNECTED TO (mm - width x height) | | | | | | | | | | | | |
| BOX HEIGHT (If different from standard) | | | | | | | | | | | | |
| MATT BLACK INTERNALS OPTION | BB | | | | | | | | | | | |
| PERFORATED MESH | PM | | | | | | | | | | | |
| PLENUM DAMPER OPTIONS (Plus Nominal Spigot Size) : | | | | | | | | | | | | |
| No Damper..... | SS + Size | | | | | | | | | | | |
| Quadrant..... | DQ + Size | | | | | | | | | | | |
| Cord Operated..... | DC + Size | | | | | | | | | | | |
| Iris..... | DI + Size | | | | | | | | | | | |
| TWIN SPIGOT OPTIONS | | | | | | | | | | | | |
| Adjacent | TSA | | | | | | | | | | | |
| Opposite | TSO | | | | | | | | | | | |
| 2nd PLENUM DAMPER OPTION (See Damper Options) | | | | | | | | | | | | |
| NUMBER REQUIRED | | | | | | | | | | | | |

Contact

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