

SINGLE DEFLECTION GRILLES

Grilles with a single row of individually adjustable horizontal or vertical teardrop section blades and flanged borders. Supplied with or without an opposed blade damper.

STANDARD

Code 0201. Horizontal blades.

Code 0223. Vertical blades.



STANDARD SPECIFICATION

SIZES

50mm increments in nominal sizes from 100mm to 1200mm on length or height.

CONSTRUCTION

Aluminium with mechanical joints to lock the mitred corners of the flange.

FINISH

Silver satin anodised to BS1615 AA5.

FIXINGS

Countersunk screw holes in the border. Size no. 6 x 1 1/2" self tapping screws provided with each grille and painted the same colour as the grille. (Fixing type OF1) See Fixing Methods section for screw fixing centres.

PACKAGING

Each grille is shrink wrapped in polythene with additional cardboard support to the faces.

TECHNICAL INFORMATION

See pages 5 & 6

OPTIONAL ALTERNATIVES/ADDITIONS

SIZES

Non standard sizes. We can manufacture almost any non-incremental nominal size up to 1200mm square. Please contact Head Office for details. The product Codes become 9201 or 9223.

DAMPER

Opposed blade damper. A clip-on opposed blade damper in mill finish aluminium. Code 0106 if incremental, Code 9106 if non-incremental.

FINISHES

Any BS, RAL or NCS colour. Code 0145. Please specify the colour reference. We suggest powder coating on top of anodising for swimming pool applications. It may also be possible to anodise to alternative finishes for substantial quantities. Details on request.

FIXINGS

Un-punched borders. Fixing type OF2
Concealed fix/sub frame and un-punched borders. Fixing type OF3.

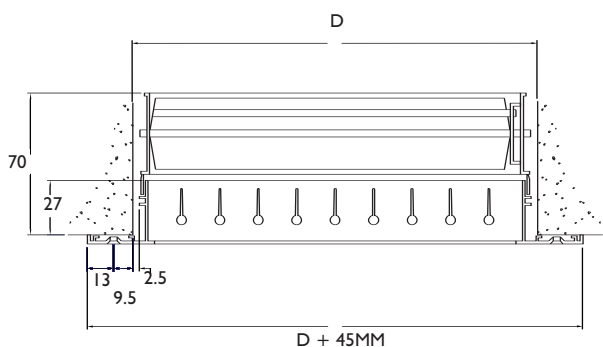
ORDERING DETAILS

- The code for the basic grille should have 13 digits. See page 1.
- Please always give length first, then height.
- Add codes for additions / alternatives as suffixes.

EXAMPLE:

A standard single deflection grille with horizontal front blades, nominal size 900mm x 500mm, painted RAL 9010 matt, opposed blade damper, face fix, top entry flanged pan adaptor would be coded:- 0201/00900/0500+0106+0328+0145 RAL 9010 matt +0F1.

Applications. Supply * Extract * Sidewall * Ceiling * Transfer *



D = Nominal Duct size
Model shown is Code 0202 + 0106
Double Deflection Grille with Opposed Blade Damper

PAN ADAPTORS & PLENUM BOXES (UN-INSULATED)

Top entry pan adaptor without flange (120mm high). Code 0323.
Top entry pan adaptor without a flange (17mm high). Code 0338.
This height of pan should only be used where the spigot diameter plus 50 is equal to or more than the smallest nominal dimension of the pan.

Top entry pan adaptor with flange (120mm high). Code 0328.

Side entry plenum box without flange. Code 0335.

Side entry plenum box with flange. Code 0324.

Details in Sheet Metal Work section along with codes covering

insulated plenum boxes.

Pan adaptors & plenum boxes can be fitted with quadrant dampers in the spigot for either manual (Code 0483) or cord operated (Code 0484) control.

We can also design boxes with non-standard heights where there is limited space above a ceiling or in the cavity. Please contact our technical staff at Head Office.