

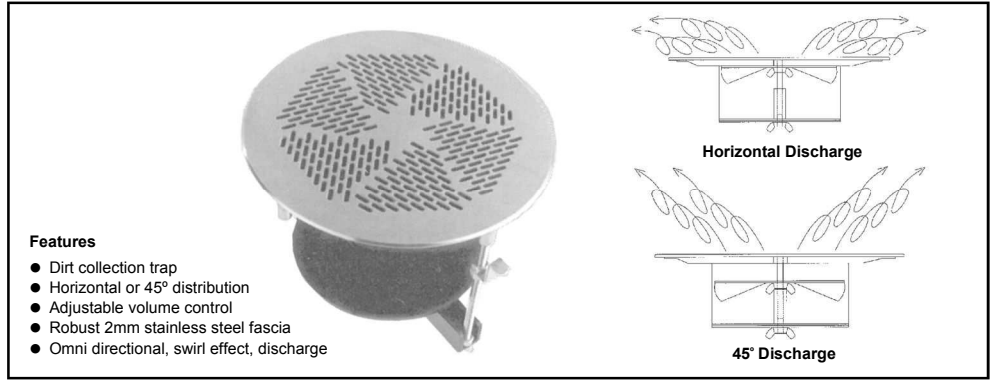
# Floor Swirl Diffusers (GFS Series)

## GFS Floor Swirl Diffusers

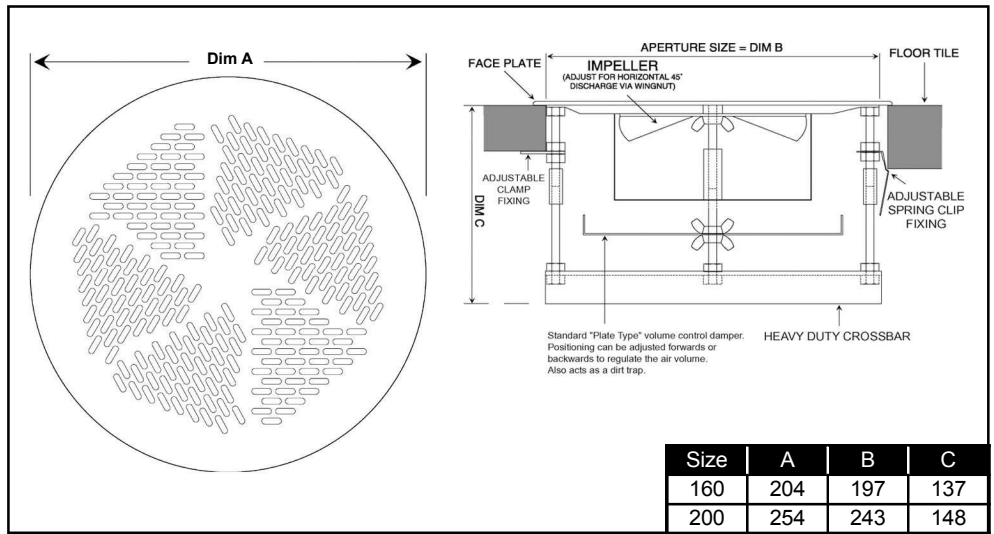
Complementing existing GF and CF Floor Grille Ranges, the GFS Series has been specially developed for both supply and displacement applications in all types of Raised Access Floor systems.

Available in both 160 and 200mm dia sizes the units comprise of a 2mm thick slotted stainless steel fascia with rounded edges to create a tough yet attractive diffuser capable of withstanding a point loading of up to 1.5kn.

Concealed behind the fascia on supply units, a series of radial vanes generate the swirl effect which allows the unit to deliver comparatively high air volumes with rapid mixing and entrainment in the conditioned space.



## Dimensional Data



## Adjustments

Adjustment of these vanes is also possible to alter the discharge pattern from horizontal distribution to 45°. The unit is rated as light duty by Hevac specifications with full loading restrictions detailed below. A standard feature on all floor swirl diffusers is the rear mounted "plate type" volume control damper. The positioning of the damper plate can be adjusted forwards or backwards to regulate the air volume as required. The damper plate also acts as a dirt trap to reduce the ingress of dust into the floor void.

A special key provided with the unit permits easy occupier removal of the diffuser for cleaning, maintenance or adjustment. Standard finish is 'shadowline' with internal surfaces matt black and the fascia brush finished.

## Acoustic Data

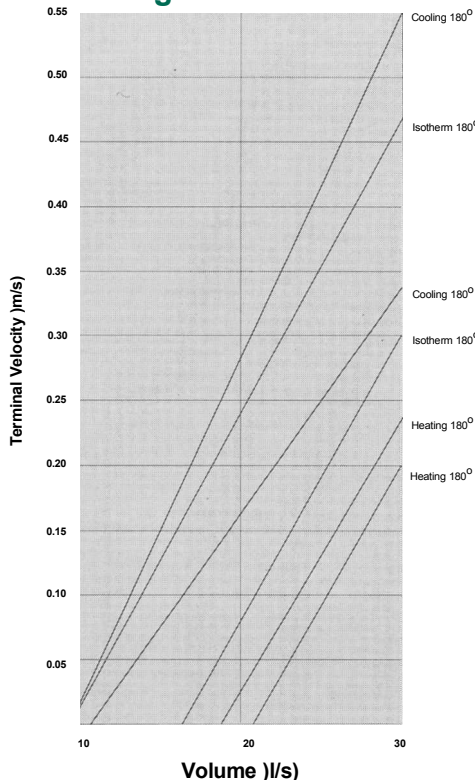
### Size 160

Air Volume L/S	Nc	dbA
10	15	20
15	20	22
20	25	25
25	30	30
30	30	33
35	35	35

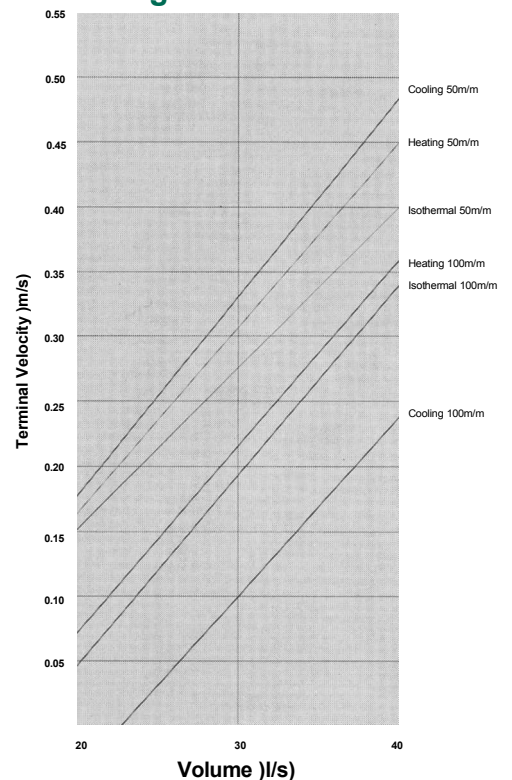
### Size 200

Air Volume L/S	Nc	dbA
20	15	23
25	20	25
30	25	28
35	30	30
40	30	33
45	35	35

## Sizing Data 160



## Sizing Data 200



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