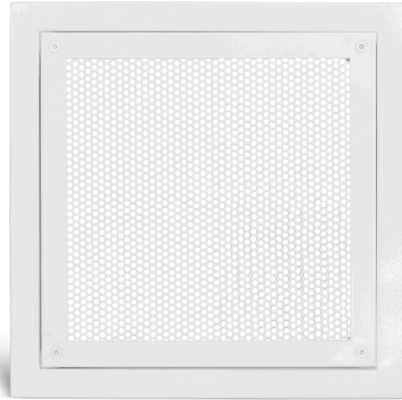


AIRFOIL



GRILLES
DUCT
FITTINGS

making it happen sooner...



PERFORATED FACE GRILLES (PFG)

Airfoil's Perforated Return Air Grille combines a lightweight core of perforated aluminium plate. This grille has a free area of approximately 50% which makes it extremely effective in supply and return air functions.

Airfoil's Perforated Face Tamperproof Grille is manufactured to the highest standard providing utmost security. The outer frame is folded from 0.75mm zinc anneal for maximum strength and rigidity. The centre core is removable for ease of installation and is held in place by tamperproof security screws.

Perforated Face Grille Options

- > Surround frame 19mm or 30mm wide as required
- > Standard finish is white powder coat or natural anodised. Special colour powdercoat finishes are available on request

- > Tamperproof standard mesh thickness is 0.5, thicker mesh up to 2mm is available

Product specification codes:

- RAPFG** Return air perforated fixed core grille
- SAPFG41** Supply air perforated fixed grille with 4 way blow pattern
- PFTG** Perforated air removable core tamperproof with security screws

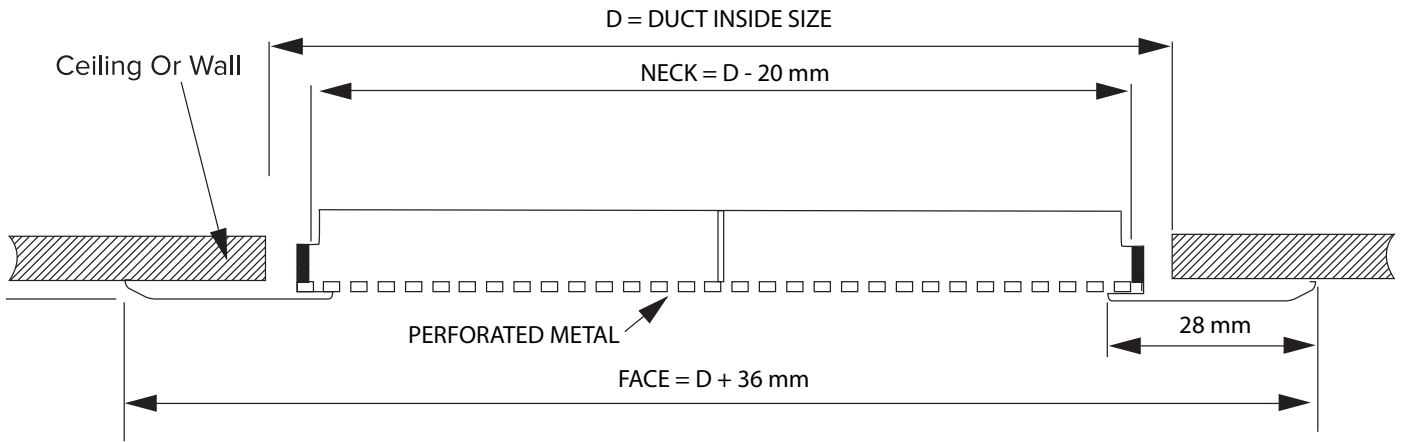
Specification: Product code + size.
Example: **RAPFG 300x300**
Return air perforated fixed core grille
300mm x 300mm

Important Note: Dimensions will be assumed nominal neck size unless otherwise specified.



PERFORATED FACE GRILLES (PFG)

Cross Sectional Diagram



Performance Data Model RAPFG Return Diffuser

	Neck Velocity m/s	1.5	2.0	2.5	3.0	3.5	4.0	4.5
Nom Face	Neg. Stat Press. Pa	7.5	12.5	19.0	27.5	41.0	50.0	64.0
Neck/Face	Vel. Press Pa.	1.5	2.5	3.8	5.5	7.8	10	12.8
244 x 244 300 x 300	Volume L/S NR	89 -	119 <22	149 25	179 31	208 36	238 40	268 43
344 x 344 400 x 400	Volume L/S NR	178 -	237 <22	296 26	355 32	414 37	473 41	533 45
444 x 444 500 x 500	Volume L/S NR	295 -	394 <22	493 27	595 33	690 38	789 42	887 46
544 x 544 600 x 600	Volume L/S NR	444 -	592 <22	740 28	888 34	1036 39	1184 43	1332 47
544 x 244 600 x 300	Volume L/S NR	199 -	266 <22	332 26	398 32	465 37	531 42	597 45
1144 x 244 1200 x 300	Volume L/S NR	419 -	558 <22	698 28	837 34	977 39	1117 43	1256 47
1144 x 544 1200 x 600	Volume L/S NR	933 <22	1245 23	1556 31	1867 37	2178 41	2489 46	2800 49

