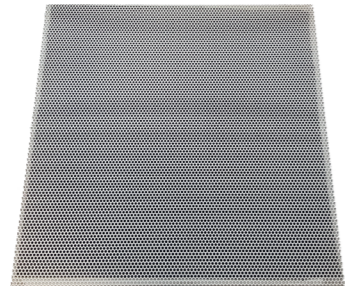


27-Q-FF



Filter holder perforated sheet grille, for modular false ceiling

Product description

KOOLAIR perforated sheet type filter holder return air grille, model **27-Q-FF** 595x595 mm, for installation in false ceilings. Incorporates 10 mm thick black filter with efficiency G2 fastened to the grille via metal straps. The grille is made of galvanised sheet steel, with standard Ø4,8 mm round perforation - 6.4 mm grid element spacing. Available with other perforation patterns, i.e. Ø5 mm - 8 mm grid element spacing (model **27-Q-FF-35**).

Standard design to be supported on an a “visible inverted T profile” type false ceiling; option available for other types of profile (semi-concealed, concealed, drop tiles etc.).

The grille is removed from the false ceiling for filter maintenance by manually lifting the tile and releasing the fixing straps inside the filter.

Painted finish in RAL colour to be defined. Options for filters with other efficiencies (G1,G3, G4) or no filter can be arranged on request.

Available for other grid dimensions depending on the exact size of the false ceiling panels (model **27-FF-LxH**).

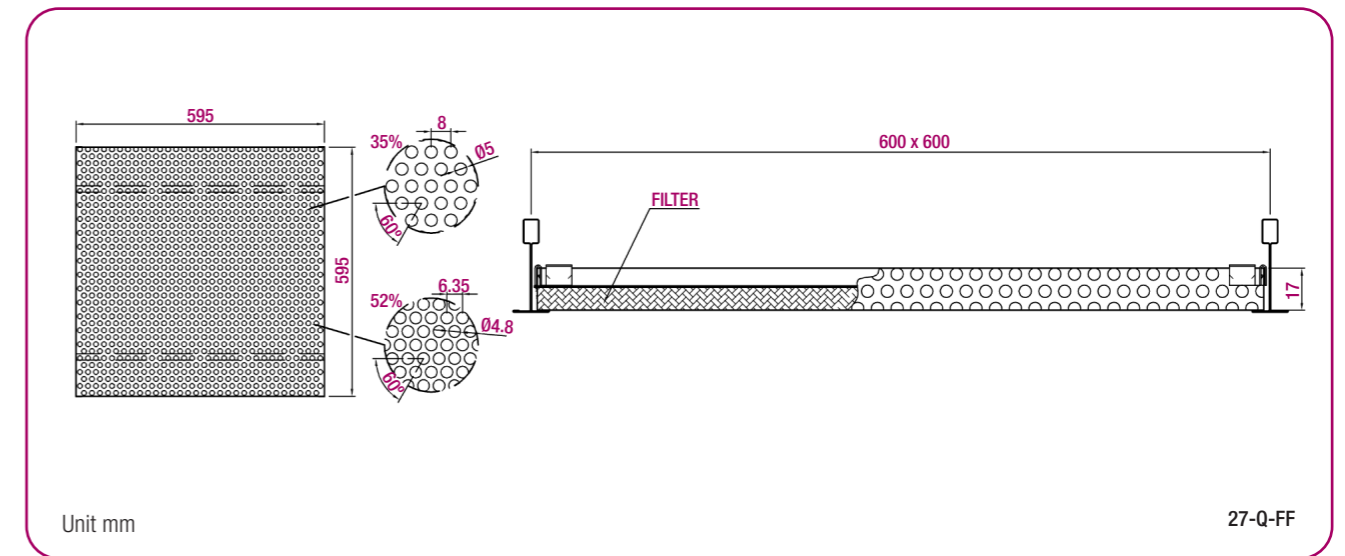
Other models

27-Q-FF-35. Filter holder grille with Ø5 mm round perforation - 8 mm grid element spacing with filter with efficiency G2, dimensions 595x595 mm.

27-Q. Filter holder grille with Ø4.8 mm round perforation - 6.4 mm grid element spacing with no filter, dimensions 595x595 mm.

27-Q-35. Filter holder grille with Ø5 mm round perforation - 8 mm grid element spacing with no filter, dimensions 595x595 mm.

General dimensions



Selection table 27-Q-FF

Dimension	Q (m³/h)	L _{wa} [dB(A)]	ΔP _{st} (Pa)	V _k (m/s)
595 x 595	1320	24	16	2,1
	1685	32	27	2,7
	2150	40	44	3,5

Selection table 27-Q-FF-35

Dimension	Q (m³/h)	L _{wa} [dB(A)]	ΔP _{st} (Pa)	V _k (m/s)
595 x 595	1210	24	23	2,5
	1545	32	37	3,2
	1970	40	61	4,0

LEGEND

Q (m³/h): Air flow.

L_w-dB(A): Sound power level.

P_{st} (Pa): Pressure loss with filter with efficiency G2.

V_k (m/s): Effective velocity.