

23-R-FF



Extract grille with curved blades, hinged core and filter holder

Product description

KOOLAIR extract grille with hinged core, integrated frame to hold filter, curved blades and filter with G3 efficiency, model **23-R-FF**, dimensions LxH, for installation in walls, ceilings or rectangular ducts. The hinged core can be detached manually by means of pressure clips providing access to the interior of the unit or duct for cleaning, inspection or to access the filter etc. Characterised by curved blades that make the grille sight-proof and give a pleasing aesthetic appearance. Dimensions available from 200x150 mm to 1200x600 mm in 50 mm length and height increments.

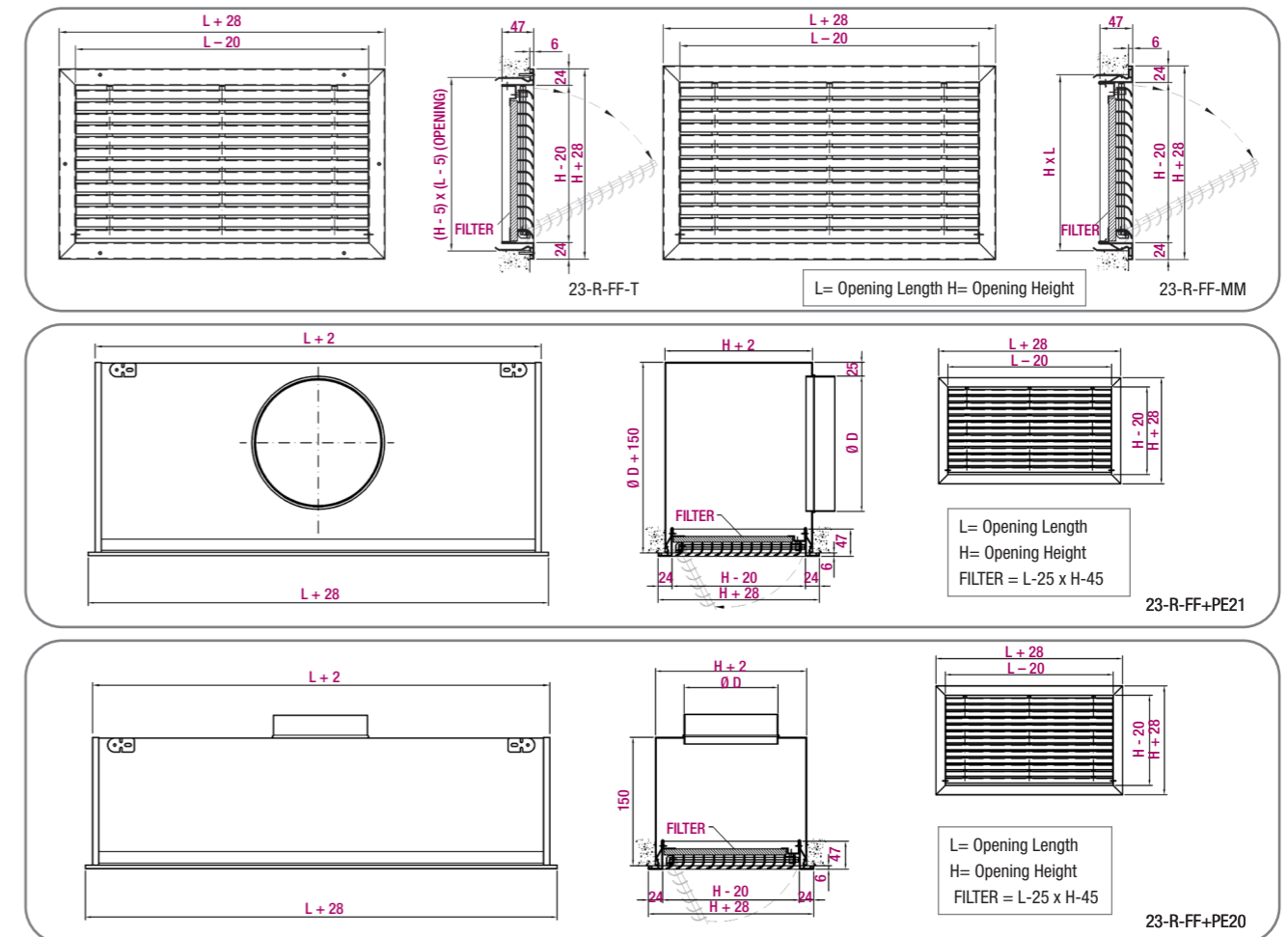
Fixings

With clips. Mounting frame required (**-MM**).
 Concealed fixing system (**-SFO**). Mounting frame required (**-MM**).
 Concealed fastening system for installation in ceilings or walls with a thickness of between x and x without the need for a metal mounting frame (**-SFO-PT**).
 With screws (**-T**).
 With detachable galvanised sheet steel plenum with lateral connection (**-PE21**).
 With detachable galvanised sheet steel plenum with top connection (**-PE20**).
 Internal insulation in the plenum box (**-A**).

Materials and finish

Anodised aluminium finish or painted in RAL colour of choice. Possibility of fitting filters with G2, G3 and G4 efficiency or without filter.

General dimensions



Selection table

Size	Q (m³/h)	L _{WA} [dB(A)]	V _k (m/s)	ΔP _t (Pa) with filter	ΔP _t (Pa) without filter
200 x 150	65	24	1,7	19	5
	95	32	2,6	42	10
	145	40	3,8	91	23
300 x 300	195	24	1,5	15	4
	290	32	2,3	33	8
	425	40	3,4	72	18
450 x 250	240	24	1,5	15	4
	355	32	2,2	32	8
	525	40	3,3	69	17
600 x 300	380	24	1,4	13	3
	560	32	2,1	29	7
	820	40	3,1	63	16
600 x 600	730	24	1,3	12	3
	1080	32	2,0	25	6
	1590	40	2,9	255	14
1200 x 600	1390	24	1,3	10	3
	2050	32	1,9	22	6
	3025	40	2,7	48	12

Data for grille with G3 efficiency filter.
 Data for grille without plenum.

LEGEND

Q (m³/h): Flow rate.
 L_{WA} [dB(A)]: Noise level. Reduction of -4 dB(A) with no filter.
 V_k (m/s): Air velocity through filter (m/s)
 ΔP with filter: Static pressure drop in the grille with filter.
 ΔP without filter: Static pressure drop in the grille without filter.