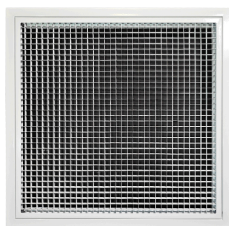


22-6



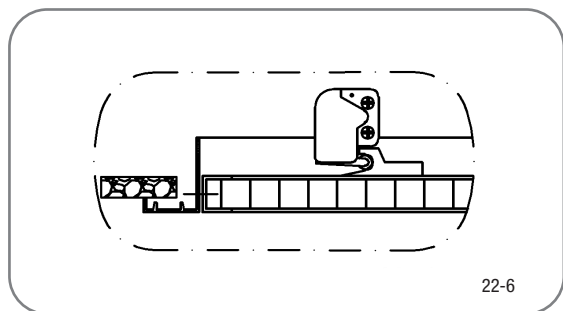
Egg crate grilles for return

Product description

Hinged egg crate grille for air return, KOOLAIR, model 22-6, of dimensions LxH, manufactured in aluminium. It can incorporate volume control damper (-O) and fixing accessory to be determined. Possibility of fitting filters with G2, G3 and G4 efficiency. Painted finish in RAL colour to be defined.

Other models

22-6-I. Egg crate grille, blades at 45°.

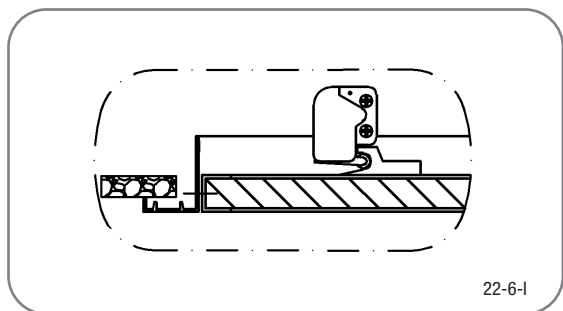


Mounting

-MM. With pressure clips and mounting frame.
-SFO-PT. Complete with concealed fixing system for installation in ceilings with a thickness of between 5 mm and 40 mm without needing a mounting frame.
-PE21/20. With plenum box made of galvanised steel sheet, side or top entry connection.

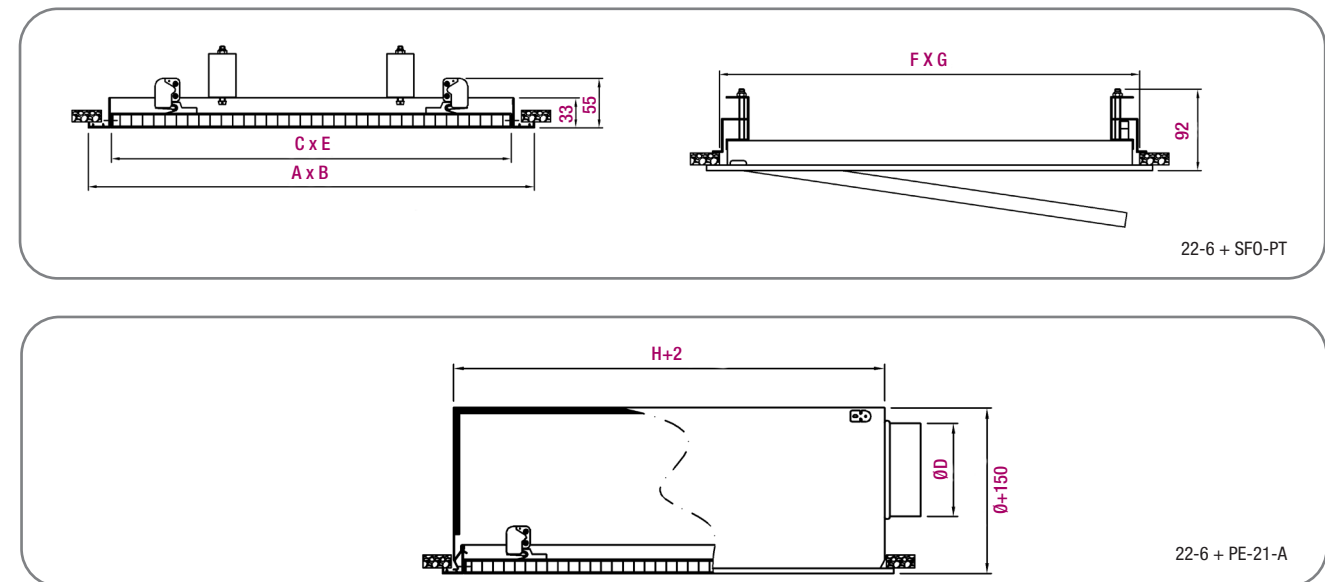
Accessories

-A. Optionally with internal insulation in the plenum box.



KOOLAIR

General dimensions



Custom plenums available to suit reduced heights above false ceilings.

22-6	A	B	C	E	F	G	ØD	H	N° spigots
200 x 150	195	145	147	97	167	117	160	310	1
300 x 300	295	295	247	247	267	267	250	400	1
400 x 400	395	395	347	347	367	367	355	505	1
500 x 500	495	495	447	447	467	467	375	525	2
600 x 600	595	595	547	547	567	567	450	600	2
675 x 675	670	670	622	622	642	642	500	650	2
800 x 600	795	595	747	547	767	567	500	650	2
900 x 300	895	295	847	247	867	267	400	550	2
1000 x 500	995	495	947	447	967	467	500	650	2
1200 x 600	1195	595	1147	547	1167	567	575	725	2

LEGEND

Q (m³/h): Air flow.

L_{wa} [dB(A)]: Sound power level.

ΔP_t (Pa): Total pressure loss.

V_k (m/s): Effective velocity.

Selection table 22-6

Dimensions	Q (m³/h)	L _{wa} [dB(A)]	ΔP _t (Pa)	V _k (m/s)
200x150	310	24	23	3,8
	420	32	42	5,1
	560	40	75	6,9
300 x 300	800	24	13	2,9
	1070	32	24	3,9
	1440	40	43	5,2
400x400	1280	24	10	2,5
	1720	32	18	3,4
	2300	40	32	4,5
500x500 900x300	1900	24	8	2,2
	2550	32	15	3,0
	3400	40	26	4,0
600x600	2500	24	7	2,1
	3300	32	12	2,8
	4450	40	22	3,7
675x675 800x600 1000x500	3100	24	6	1,9
	4150	32	11	2,6
	5600	40	20	3,5
1200x600	4300	24	5	1,8
	5800	32	9	2,4
	7700	40	16	3,2

Selection table 22-6-I

Dimensions	Q (m³/h)	L _{wa} [dB(A)]	ΔP _t (Pa)	V _k (m/s)
200x150	270	24	17	3,3
	360	32	30	4,4
	490	40	56	6,0
300 x 300	700	24	10	2,5
	930	32	18	3,4
	1250	40	32	4,5
400x400	1110	24	7	2,2
	1500	32	13	2,9
	2000	40	24	3,9
500x500 900x300	1650	24	6	2,0
	2200	32	11	2,6
	2950	40	19	3,5
600x600	2150	24	5	1,8
	2900	32	9	2,4
	3850	40	16	3,2
675x675 800x600 1000x500	2700	24	4	1,7
	3600	32	8	2,3
	4850	40	14	3,0
1200x600	3750	24	4	1,5
	5000	32	7	2,1
	6700	40	12	2,8