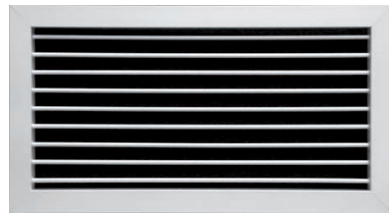


20-SH/21-SH



Catalogue Series 20.1



Single deflection grilles

Product description

Single deflection grille, KOOLAIR, model **20-SH**, of dimensions LxH, for supplying air with horizontal blades, individually adjustable.

It can incorporate volume control damper **(-O)** and fixation accessory to be determined.

Finished in anodised aluminium or any RAL colour upon request.

Other models

20-SV. Single deflection aluminium grille with vertical blades.

21-SH. Single deflection steel sheet grille with horizontal blades.

21-SV. Single deflection steel sheet grille with vertical blades.

Mounting

With pressure clips. Mounting frame needed **(-MM)**.

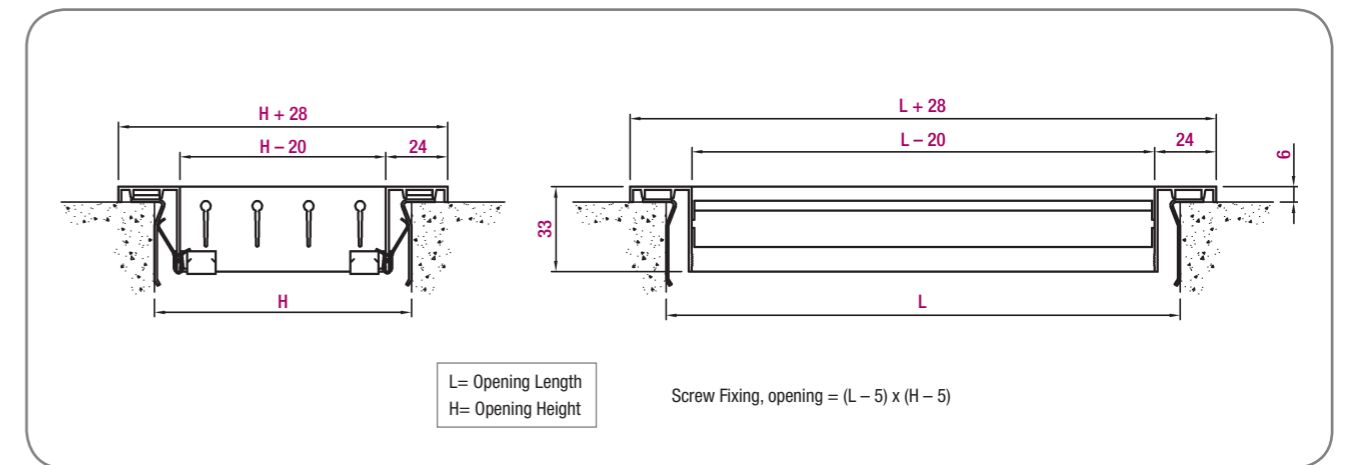
Concealed fixing **(-SFO)**. Mounting frame needed **(-MM)**.

With screws **(-T)**. Without indication, the grille is provided with holes for screwing the mounting frame.

With plenum box made of galvanised steel sheet, side or top entry connection **(-PE21/20)**.



General dimensions



Selection table

Dimension	Q (m³/h)	L _{wa} [dB(A)]	ΔP _t (Pa)	X (m)	V _k (m/s)
200 x 100	170	24	7	2.5	3.9
	245	32	15	3.6	5.6
	350	40	31	5.2	7.9
300 x 100 200 x 150	240	24	7	2.9	3.6
	340	32	13	4.1	5.1
	500	40	29	6.1	7.6
300 x 150	330	24	6	3.3	3.3
	470	32	11	4.7	4.7
	670	40	23	6.7	6.8
600 x 100 400 x 150 300 x 200	420	24	5	3.6	3.2
	600	32	10	5.2	4.5
	870	40	22	7.5	6.6
500 x 150	500	24	5	3.8	3.0
	710	32	9	5.5	4.3
	1030	40	19	7.9	6.2
600 x 150 300 x 300	580	24	4	4.1	2.9
	840	32	9	5.9	4.2
	1215	40	19	8.5	6.1
600 x 200 500 x 250 400 x 300	770	24	4	4.5	2.7
	1110	32	8	6.5	4.0
	1600	40	16	9.4	5.7
1000 x 150 600 x 250 500 x 300	900	25	4	4.9	2.7
	1250	32	7	6.8	3.8
	1830	40	15	9.9	5.5
1100 x 200	1260	24	3	5.5	2.4
	1810	32	6	7.9	3.5
	2610	40	13	11.4	5.1
1200 x 250 1000 x 300	1615	24	3	6.0	2.3
	2325	32	5	8.7	3.3
	3360	40	11	12.5	4.8

The Selection Table shows a summary of dimensions. Other sizes available. Consult the Sales Department.



LEGEND

Q (m³/h): Air flow.
 L_{wa} [dB(A)]: Sound power level.
 ΔP_t (Pa): Total pressure loss.
 X (m): Throw for a maximum velocity of 0.25 m/s at the occupied zone
 ΔT = -10 °C (cold), installed at 2.7 m of height, with ceiling effect.
 V_k (m/s): Effective velocity.