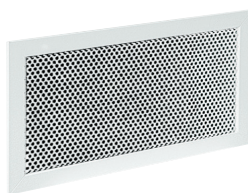


Indoor Grilles

Fixed mesh grilles



AC 123
Aluminium or steel



SC 125

Advantages

- Aesthetic, "mesh" type design for air exhaust.

APPLICATION

- Air exhaust for all ventilation and air-conditioning applications.
- Wall mounted.

DESCRIPTION

- Meshed grille with 12 x 12 x 0.4 mm squares (AC 123) or perforated sheet with 45 % free surface area (SC 125).
- AC models: finish - aluminium, desired RAL colour.
- SC models: white epoxy painted steel finish, RAL 9010 tint.
- Hidden fixings using friction clips.

STANDARD SUPPLY

- RAL 9010. Other RAL colours available upon request.
- Fixing F3 clips.

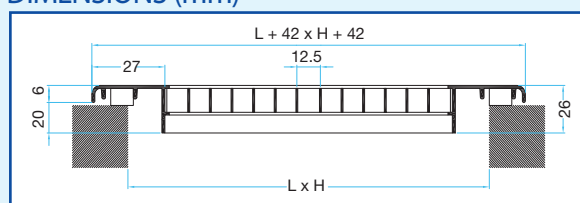
ACCESSORIES

- Opposed blade damper (OBD) - aluminum profiles. Fitted to the grille using clips.
- MT and ME connection plenums in galvanised sheet steel with rear or side mounted connection. See plenum dimensions on page 260.

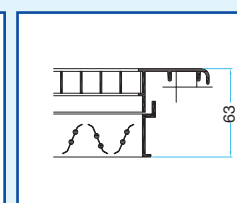
ADDITIONAL RANGE

- Other sizes available upon request.

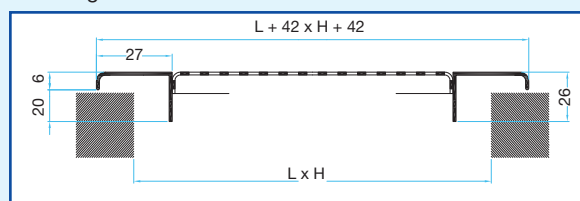
DIMENSIONS (mm)



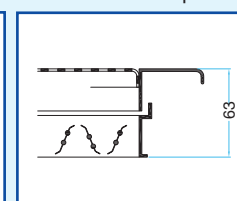
AC 123 grille alone



AC 123 with damper



SC 125 grille alone



SC 125 with damper

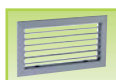
Comfort airflow levels for Lw < NR 25 and dimensions				
L (mm)	H (mm)	Ø plenum (mm)	Airflow (m ³ /hr) for AC 123	Airflow (m ³ /hr) for SC 125
200	100	80*	160	140
300	150	160	400	350
400	200	200	700	600
600	200	200	1200	900
300	300	250	700	600
500	300	315	1300	1100
600	300	250*	1500	1200
800	300	2 x 250*	1900	1600
600	600	355	2200	1800
1000	600	2 x 315	4000	

- All MT plenums are 83° models except those marked (*).
- See selection table on page 291.

RANGE R10

Dimensions	Aluminium grille AC 123 F3 Code	Opposed blade damper Code	ME F3 plenum side connection Code	MT F3 plenum back connection Code	Steel grille SC 125 F3 Code
200 x 100					11050011
300 x 150					11050012
400 x 200					11050013
600 x 200					11050014
300 x 300					11050015
500 x 300					11050016
600 x 300					11050017
800 x 300					11050018
600 x 600					11050019
1000 x 600					

Selection Tables



Series AC 101 - SC 101 - AC 102 - SC 102 - AC 440 - AC 441 - AG 450 /450 A - AG 470
AC 121 - SC 121 - AC 123 - SC 125 - AC 161 - AC 163 - AO 123 - AO 129 - SC 370

Air exhaust

Ak (m²)	L x H (mm)		qv (m³/h)																Lw V _k		Lt Pa							
			200	300		400		500		750		1000		1500									2000		3000		4000	
0.013	200 x 100		25 4.2	— 35																			L _w	L _t				
0.020	300 x 100 200 x 100		16 2.8	— 15																			27 4.2	— 35	V _k	P _a		
0.030	400 x 100 300 x 150	200 x 200	— 1.9	— 7	19 2.9	— 16	26 3.7	— 27																				
0.045	600 x 100 400 x 150	300 x 200			— 1.9	— 7	18 2.5	— 12																	23 3.1	— 20		
0.060	800 x 100 500 x 150	400 x 200							17 2.3	— 10	27 3.5	— 24																
0.075	1000 x 100 600 x 150	500 x 200 300 x 300							— 1.8	— 6.5	22 2.7	— 15													30 3.8	— 28		
0.093	1200 x 100 800 x 150	600 x 200 400 x 300							18 2.2	— 10	25 3.0	— 18	35 4.5	— 40														
0.125	1000 x 150 800 x 200	500 x 300 400 x 400							— 1.6	— 5	19 2.2	— 10	29 3.4	— 22														
0.150	1200 x 150 800 x 300										— 1.8	— 7	25 2.7	— 15	32 3.7	— 26												
0.175	1000 x 200 500 x 400										— 1.6	— 5	21 2.4	— 11	29 3.2	— 20												
0.200	1200 x 200 1000 x 300	600 x 400 500 x 400									19 2.1	— 9	26 2.8	— 15	36 4.1	— 33												
0.260	1000 x 300 800 x 400	600 x 400 500 x 500									— 1.6	— 5	21 2.2	— 10	31 3.2	— 20									37 4.1	— 33		
0.350	1000 x 400 800 x 500	600 x 500													28 2.8	— 14	35 3.7	— 26										
0.420	1200 x 400 1000 x 400														21 2.0	— 8	28 2.6	— 13									34 3.3	— 22
0.530	1200 x 400		L _w V _k	L _t P _a																			15 1.6	— 5	23 2.1	— 9	29 3.3	— 22

Corrections depending on type of grille		
TYPE	ΔPt	Lw
A 121. S 121	x 1.00	+ 0
A 161. A 129	x 0.35	- 8
S 101. 102 / A 101. 102	x 1.20	+ 1
S 125. S 370	x 0.30	- 9
A 123. A 163	x 0.90	- 1
A 440. 450. 470		

The values Lw (NR) do not take the attenuation in the premises into account.