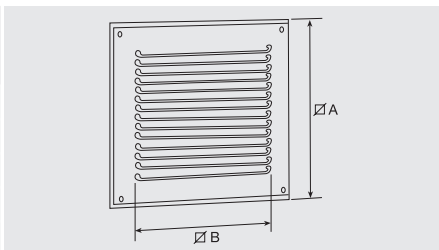




GRA

Aluminium grille. Aluminium externally / internally mounted discharge / supply air grilles.

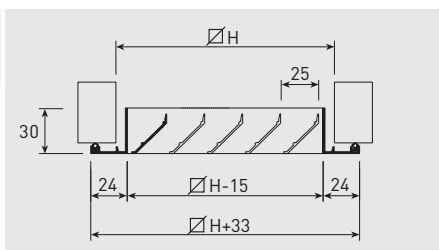
Model	External dimensions ∅ A	Grille area ∅ B
GRA-75	150 x 150	100 x 100
GRA-100	165 x 165	125 x 125
GRA-150	200 x 200	150 x 150
GRA-200	210 x 210	165 x 165
GRA-300	250 x 250	200 x 200



GRI

Extract louvre grilles manufactured from aluminium and finished with an epoxy polyester paint coating.

Model	Available nominal dimensions ∅ H	Free outlet area m ²
GRI-125	125 x 125	0,007
GRI-200	200 x 200	0,022
GRI-250	250 x 250	0,035
GRI-300	300 x 300	0,052
GRI-450	450 x 450	0,121



Recommended air speed

V min. (m/s)	V max. (m/s)
1,5	3

Determining the airflow rate according to the speed Vf (m/s).

Correction values for LwA1

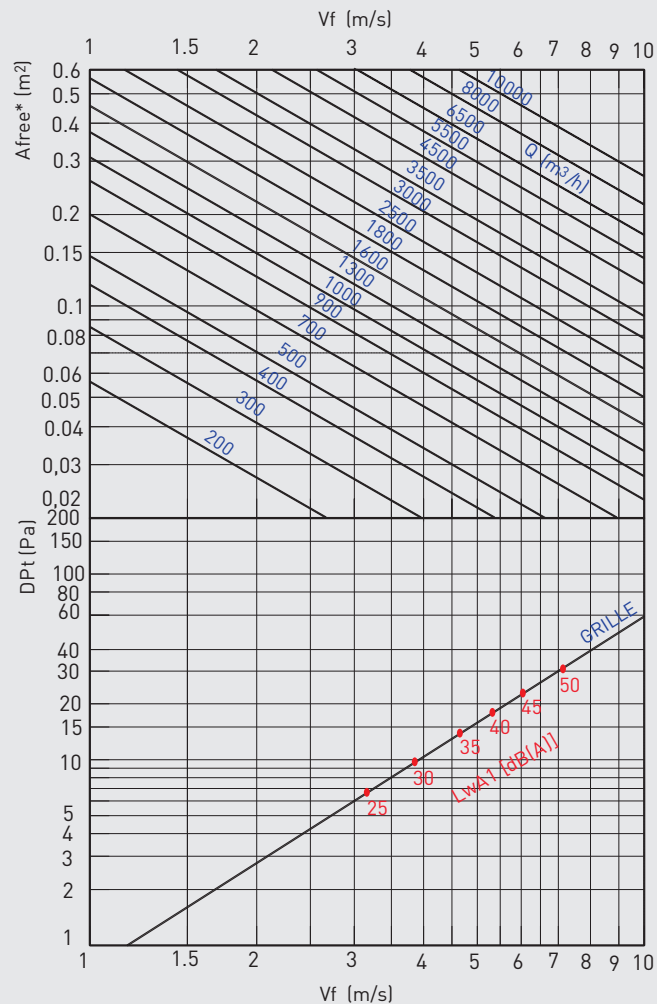
Afree (m ²)	0,01	0,02	0,05	0,1	0,2	0,4
LwA1 (Kf*)	-9	-6	-3	-	+4	+7

* Kf = Correction factor

Diagram values referred to
Afree = 0,1 m²

Lwa = Lwa1 + Kf

Air velocity, pressure drop and sound power



* Afree = Free area