MADEL®
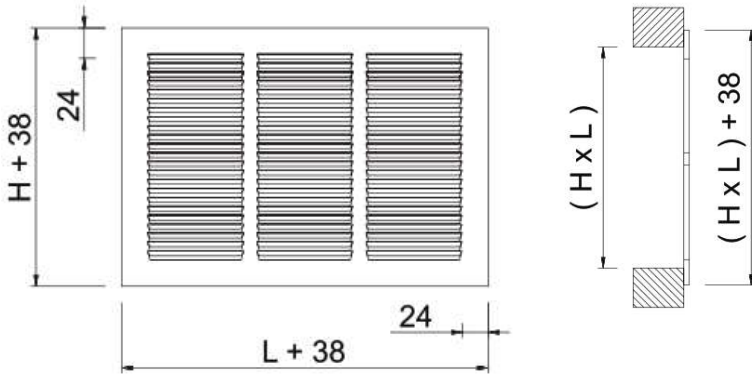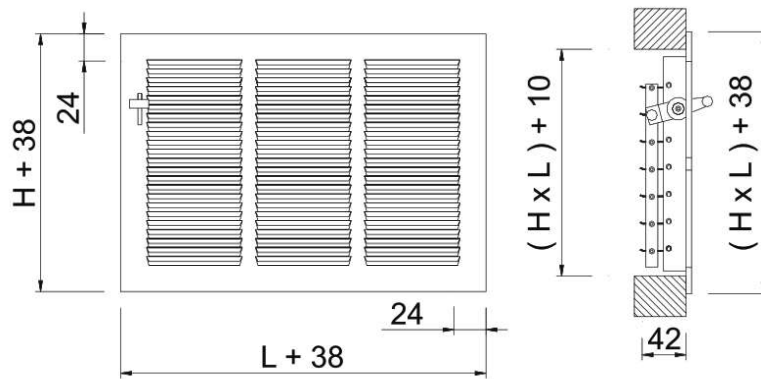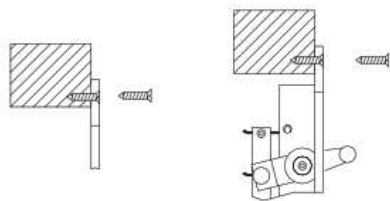

SCV printed grilles

MADEL®

The **SCV** series grilles have been designed to be used in heating, ventilation and air-conditioning units.
They are used for extraction and supply of air in large areas, car parks or domestic installations.

SCV

CCV

(T) Fixing system

CLASSIFICATION

SCV Grilles with blades parallel to the longer side.

CCV Grilles with blades parallel to the longer side. It incorporates a volume control damper with an easy external key.

MATERIAL

Galvanised steel grilles.

FIXING SYSTEMS

(T) The grille is fixed in place with screws.

FINISHES

**M9006** Lacquer in metallic grey colour, similar to RAL 9006.

M9016 Lacquer in white colour similar to RAL 9016.
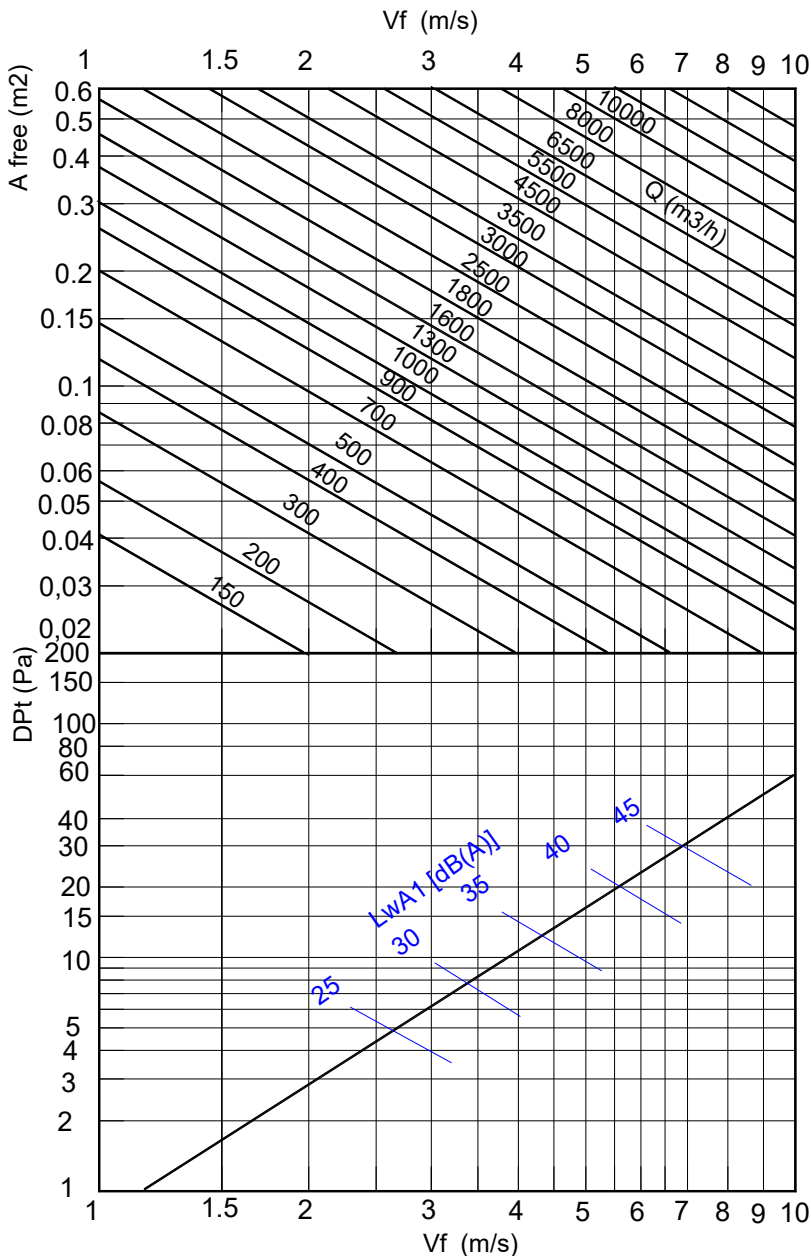
RAL… Lacquer in other colours (RAL specifications).

SCV SERIES

FREE FACE AREA m2.

L \ H	100	150	200	250	300	400
100	0,007					
150	0,011	0,017				
200	0,014	0,023	0,029			
250	0,018	0,028	0,038	0,049		
300	0,021	0,033	0,043	0,054	0,065	0,086
400	0,029	0,044	0,058	0,073	0,087	0,117
500	0,036	0,055	0,073	0,091	0,109	0,145
600	0,045	0,070	0,095	0,121	0,146	
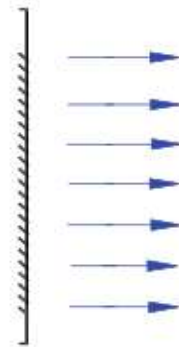
FREE VELOCITY, PRESSURE LOSS AND SOUND POWER LEVEL.

RECOMMENDED VELOCITY.

Vmin m/s	Vmax m/s
2	3.5

Determination of air flow.
Measuring the Vf in different points
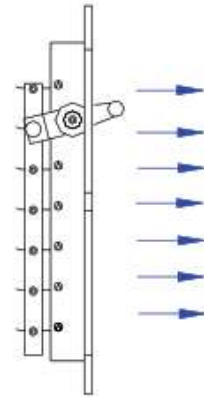of the grille, we find the Vfmed.

$Q \ (l/s) = Vfmed \ (m/s) * Afree \ (m2) * 1000$

$Q \ (m3/h) = Vfmed \ (m/s) * Afree \ (m2) * 3600$

CCV SERIES

FREE FACE AREA m2.

L \ H	100	150	200	250	300	400
100	0,007					
150	0,011	0,017				
200	0,014	0,023	0,029			
250	0,018	0,028	0,038	0,049		
300	0,021	0,033	0,043	0,054	0,065	0,086
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500	0,036	0,055	0,073	0,091	0,109	0,145
600	0,045	0,070	0,095	0,121	0,146	

FREE VELOCITY, PRESSURE LOSS AND SOUND POWER LEVEL.

RECOMMENDED VELOCITY.

Vmin m/s	Vmax m/s
2	3.5

Determination of air flow.
Measuring the Vf in different points
of the grille, we find the Vfmed.

Q (l/s) = Vfmed (m/s) * Afree (m2) * 1000
Q (m3/h) = Vfmed (m/s) * Afree (m2) * 3600