Intake/Exhaust Wall-mounted Louvres

CSQ / WSQ

Description

Wall-mounted Air Intake / Exhaust Louvres are made with fixed blades. The CSQ air intake louvres are additionally secured with a galvanized wire mesh with a diameter of 1 mm and a mesh size of 12.7x12.7 mm. Louvres are suitable for mounting on the external wall or as termination pieces of ventilation ducts. Air louvers are made of galvanized steel sheet. WSQ exhaust louvres up to size 600x600mm are made of formed sheet metal. The frame width of air louvers is 30mm in sizes upto 600x600mm, sizes over 600x600mm - 40mm.

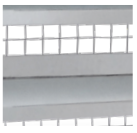
CSQ intake louvers are additionally equipped with QLIN-IN wire mesh screen and are made in standard sizes.

Larger sizes (over 600 x 600 mm) are made from QPPC and QPRC profiles and QNT corner pieces, with dimensions to order.

Variants:

WSQ ≤ 600x600

WSQ > 600x600



CSQ ≤ 600x600 (WSQ+QILN-IN)

CSQ > 600x600

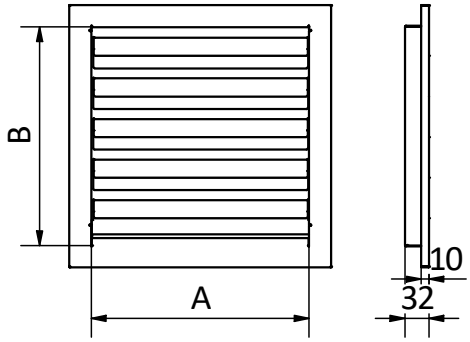
Available materials - Product code examples
CSQ-...-...- galvanized steel sheet
WSQ-...-...- galvanized steel sheet

Product code example
Product code: **CSQ - 2500 - 500**

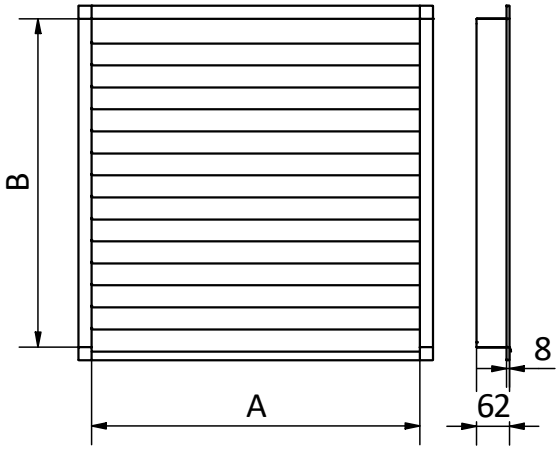
type
a
b

Dimensions

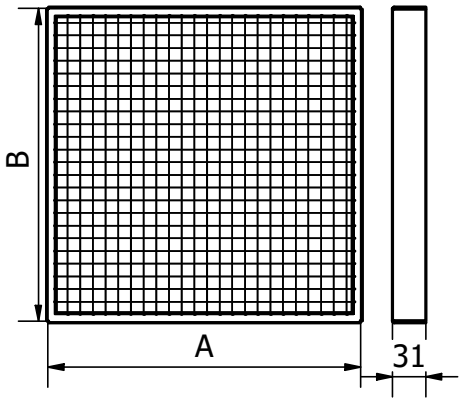
WSQ ≤ 600x600



WSQ > 600x600



QILN-IN



a *[mm]*	*b* *[mm]*
150-3000	150-3000

Minimum size: 150x150 mm.
Maximum size: 3000x3000 mm.
Powder coating in any RAL colour at client's request.

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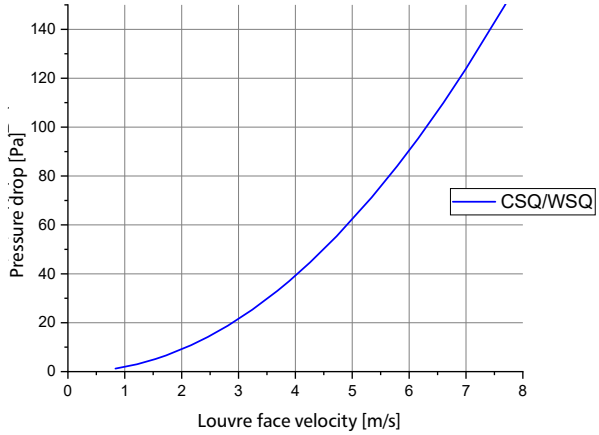
CSQ / WSQ

Technical data

Water penetration classification according to standard EN 13030:2001. The classification applies to a specific louvre design irrespective of size.

Water penetration classification	*Entry loss coefficient C_E classification*	*Discharged coefficient C_D classification*	*Up to velocity [m/s]*
C	2	3	0,5 - 1 m/s
D	2	3	1,5 - 3,5 m/s

Pressure loss for CSQ/WSQ



Effective area CSQ/WSQ
Aeff=(A-10)x(B-10)x0,65 [mm^2] or
Aeff=(A-10)x(B-10)x0,65*10^$^{-6}$ [m^2]
Example:
CSQ-200-300
Aeff=(200-10)x(300-10)x0,65=35815mm^2=0,036m^2

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