Wall-mounted aluminium air intake and exhaust vents

CSQ-A / WSQ-A

Description

Wall-mounted Air Intake / Exhaust Louvres are made with fixed blades. The CSQ-A air intake louvres are additionally secured with a stainless 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 aluminim steel sheet. WSQ-A exhaust louvres up to size 600x600mm are made of formed sheet metal. The frame width of air louvers is 30mm in sizes up to 600x600mm, sizes over 600x600mm - 50mm.

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

Larger sizes of louvres (over 600x600mm) are manufactured using blade profiles QCA-BLADE-P, QCA-BLADE-PW, sides QCA-FRAME-P, QCA-END-P, corners QCA-COR and separators QCA-SPACER. Air louvers are custom-made according to client's technical specifications (dimensions).

Minimum size: 150x150 mm.
Maximum size: 1300x2500 mm.

The product is provided with the PZH-NIH Hygiene Certificate.

Available materials - Product code examples

CSQ-A-...-...	- aluminium sheet
WSQ-A-...-...	- aluminium sheet
QILN-IN-K-...-...	- acid-resistant sheet

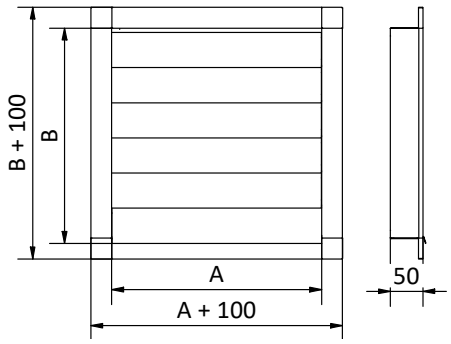
Product code example

Product code: **CSQ-A - 1600 - 500**

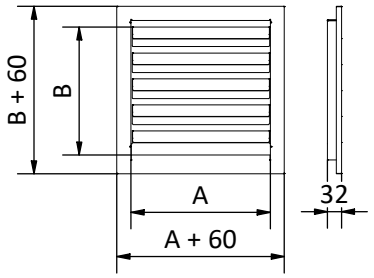
type
a
b

Dimensions

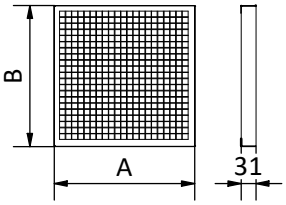
WSQ-A ≤ 600x600



WSQ-A > 600x600



QILN-IN-K



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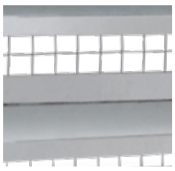
CSQ-A / WSQ-A

Variants

WSQ-A≤600x600

WSQ-A>600x600



CSQ-A≤600x600
(WSQ-A+QILN-IN-K)

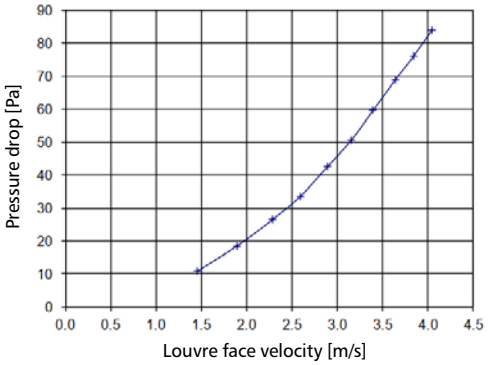
CSQ-A>600x600

Technical data

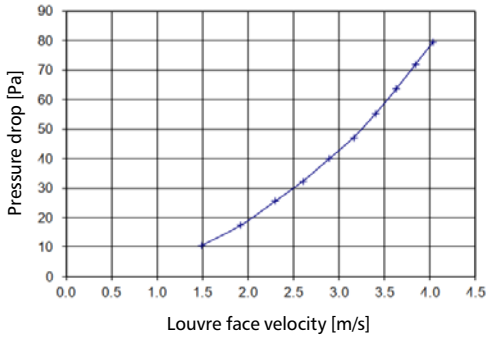
Water penetration classification according to standard EN 13030:2001. The classification applies to a specific louvre design irrespective of size.

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 WSQ



Pressure loss for CSQ



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