

Slatted hood, square

Lh-e



✓ Free choice of dimensions

✓ Low pressure difference thanks to aerodynamic slats

✓ Architectural design

✓ Low interference on account of rounded slats

Product information

DL slatted hoods in a square design serve to route outgoing and incoming air while protecting channel ducts. They feature a stable substructure onto which the covered slats are mounted. An additional visual protection profile is fitted in the corner section. The streamlined slats and the fixed roof of the slatted hood, slightly inclined on four sides, ensure rainwater drainage. The bird protection grille fitted behind the horizontal slats also offers protection against foreign bodies and small animals.

A connector profile is fitted as standard to hold this model firmly in place. In the event of extreme weather conditions (driving rain/snow), slatted hoods do not offer complete protection against the entry of precipitation. In order to ensure even distribution of the flow speed between the slats, the maximum flow speeds set out in VDI 3803 1 (Air-conditioning – Structural and technical principles – Central air conditioning systems [VDI Ventilation Code of Practice])

Technical data

Material

Galvanised steel
Aluminium
Stainless steel
Copper

Pressure rating

Airtightness class

Dimensions

Channel measurement A: min. 300 mm/max. on request
Channel measurement B: min. 300 mm/max. on request
Height H: can be freely selected

Bird protection grille

VZ: 12 x 12 x 0.8 mm

Connector flange

P20

P30

P40

Angle flange or overlapping

Recommended air velocity

in duct: < 8 m/s
Outside air: < 2 m/s
Exhaust air: < 4 m/s

Finish

Powder coating as per RAL
Wet painting as per RAL
NCS or DB

Order code legend

Order code

LH-E W-A-B-H-O

Material (M)

VZ – galvanised
ALU – aluminium
V2A – stainless steel V2A
V4A – stainless steel V4A
CU – copper

Opening in mm (WxH)

A – channel measurement
B – channel measurement
H – height

Optional (o)

FB...x...mm – Frame bores... x ... mm
ISG – with insect protection grille on reverse
CE – crane eyelets
ES – frost protection 230 V, behind each slat
P-RAL... – powder coating
L-RAL... – painting
RAL colour of choice

Accessories (o)

Insect protection grille
Roof duct
Rain hood
Roof mount
Frost protection
Crane eyelets
Combination with G3/G4 filter mats

Example

Slatted hood, galvanised, 500 x 400 and crane eyelets

Order code

LHE-E VZ-500x400-300-KÖ