

414

Glazed-in louvre

GLAZED-IN
LOUVRE

ALUMINIUM



MATERIAL

- Made from aluminium sections: AlMgSi 0.5 (according to EN 12020-2)
- Stainless steel 304 insect screen (2.3 x 2.3 mm)
- Finishing: anodized in satin colour (20 micron) or powder-coated in any RAL or Syntha Pulvin colour (40 micron)

DIMENSIONS

- Blade pitch: 33,3 mm
- Frame thickness: 24, 28 or 32 mm
- Minimum dimensions: 130 x 130 mm
- Specify on ordering: width x height in mm (overall dimensions)

FIXING

- Suitable for 24, 28, 32 mm glazing sections. Other thicknesses on request.

OPTIONS

- Stainless steel 304 mesh (6x6/10x10/20x20 mm) or without
- Drainage profile
- Insect screen or mesh in stainless steel 316
- Water channel
- Removable mesh
- Filter
- Pressure-relief louvre

TYPICAL APPLICATIONS

- Nightcooling



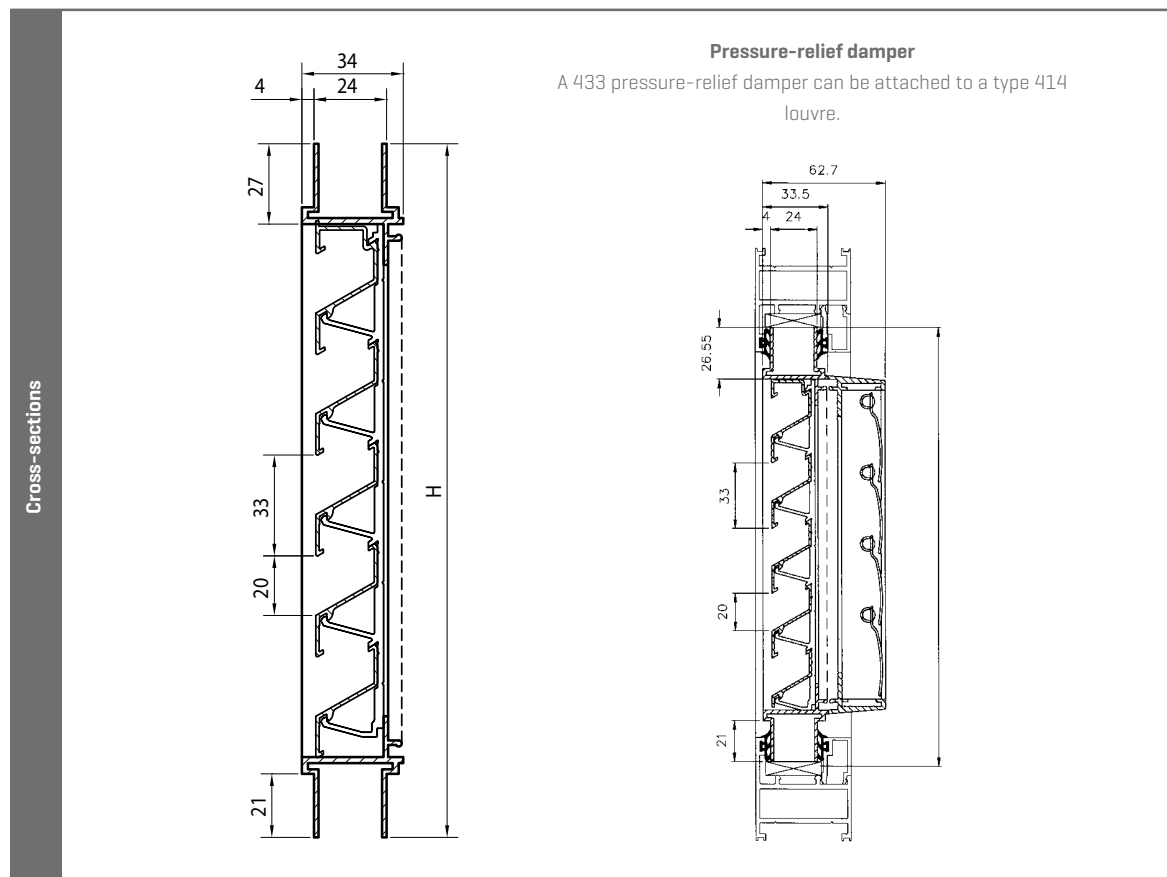
TECHNICAL SPECIFICATIONS

All properties are valid for the standard version of the Louvre, unless otherwise stated.

Weatherability		[EN 13030]
Class (details see p. 14)		A4 [0.5 m/s]
Airflow		[EN 13030]
K-factor [entry]		26.30
K-factor [discharge]		25.51
C _d coefficient		0.195
C _s coefficient		0.198
Technical data		
Visual free area		59%
Physical free area		45%
IP class (louvre with mesh; electrical installation at least 100 mm from louvre)		IP2XD



TECHNICAL DRAWINGS



414R

Round glazed-in louvre

GLAZED-IN
LOUVRE

ALUMINIUM



MATERIAL

- Made from aluminium sections: AlMgSi 0.5 (according to EN 12020-2)
- Stainless steel 304 insect screen (2.3 x 2.3 mm)
- Finishing: anodized in satin colour (20 micron) or powder-coated in any RAL or Syntha Pulvin colour (40 micron)

DIMENSIONS

- Blade pitch: 33,3 mm
- Frame thickness: 24 mm
- Minimum diameter: 340 mm
- Maximum diameter:
 - 1400 mm if anodised in satin colour
 - 1500 mm if powder-coated in RAL or Syntha Pulvin colour
 - Over 1500 mm: in two parts

FIXING

- Suitable for 24, 28, 32 mm glazing sections. Other thicknesses on request.

OPTIONS

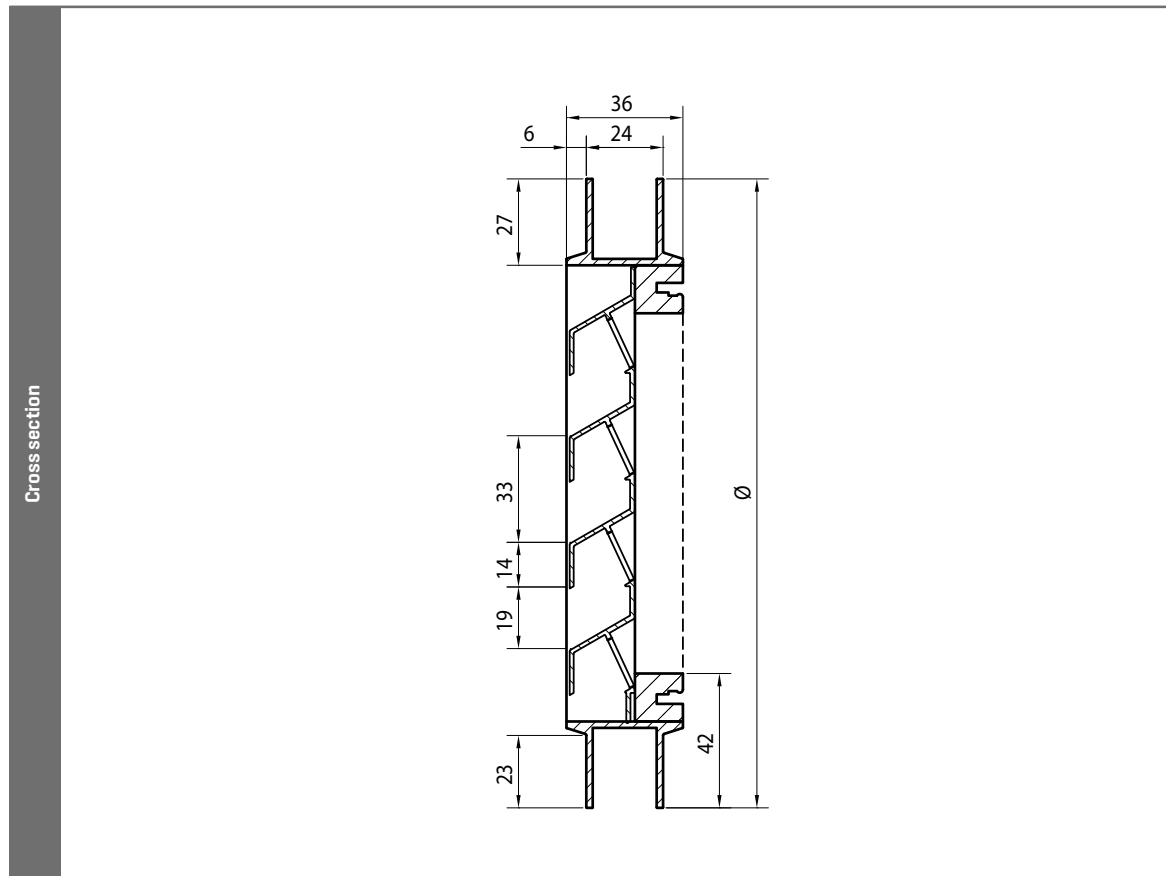
- Stainless steel 304 mesh (6x6/10x10/20x20 mm) or without
- Insect screen or mesh in stainless steel 316

TECHNICAL SPECIFICATIONS

All properties are valid for the standard version of the Louvre, unless otherwise stated.

Airflow	
	[EN 13090]
K-factor (entry)	23.56
K-factor (discharge)	25.51
C _e coefficient	0.206
C _d coefficient	0.198
Technical data	
Visual free area	59%
Physical free area	40.5%
IP class (louvre with mesh; electrical installation at least 100 mm from louvre)	IP2XD

TECHNICAL DRAWINGS



414VA

Controllable louvre

GLAZED-IN
LOUVRE

ALUMINIUM



414VA



414/D

MATERIAL

- Made from aluminium sections: AlMgSi 0.5 (according to EN 12020-2)
- Stainless steel 304 mesh (2.3 x 2.3 mm)
- Finishing: anodized in satin colour (20 micron) or powder-coated in any RAL or Syntha Pulvin colour (40 micron)

DIMENSIONS

- Blade pitch: 33,3 mm
- Frame thickness: 24, 28 or 32 mm
- Minimum dimensions: 200 x 130 mm
- Specify on ordering: width x height in mm (overall dimensions)
- Controllable in combination with 100, 130 and 150 mm hit-and-miss ventilators or with insulated aluminium door (414/D) (max size 400 x 400 mm)

FIXING

- Suitable for 24, 28, 32 mm glazing sections. Other thicknesses on request.

OPTIONS

- Stainless steel 304 mesh (6x6/10x10/20x20 mm) or without
- Insect screen or mesh in stainless steel 316

CONTROL OPTIONS (1 CONTROL PANEL PER MODULE)

- Knob control (standard)
- Rod
- Cord
- Motor

TECHNICAL SPECIFICATIONS

All properties are valid for the standard version of the Louvre, unless otherwise stated.

Airflow	[EN 13090]
K-factor [entry]	28.13
C _e coefficient	0.189

[For combinations with closable louvres 130 and 150 mm]



TECHNICAL DRAWINGS

