

431

Surface-mounted wall louvre

SURFACE-
MOUNTED
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 mm
- Thickness: 29 mm
- Minimum dimensions: 120 x 120 mm

FIXING

- Screws and plugs are included
- Louvre 432 is the removable version of louvre 431 (see p. 76)

OPTIONS

- Stainless steel 304 mesh (6x6/10x10/20x20 mm) or without
- Burglar resistance louvre 431RC2 (see p. 122)
- Insect screen or mesh in stainless steel 316

TYPICAL APPLICATIONS

- Fixed louvre
- Nightcooling
- Standard surface-mounted louvre

STOCK MODELS

Dimensions (W x H) mm	Natural colour anodised	Renson Standard WHITE	STR 7016	STR 9005	Airflow at 2 Pa (m³/h)
165 x 165	00431111	00431116	00431113	00431119	23
225 x 225	00043122	00431226	00431223	00431229	50
325 x 325	00043133	00431336			118
425 x 425	00043144				215
525 x 525	00043155				342

TECHNICAL SPECIFICATIONS

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

Airflow [EN 13030]	
K-factor [entry]	20.47
K-factor [discharge]	19.58
C _e coefficient	0.221
C _d coefficient	0.226
Technical data	
Visual free area	59%
Physical free area	50%
IP class [louvre with mesh; electrical installation at least 100 mm from louvre]	IP2XD



Ventilated cooling

TECHNICAL DRAWINGS

Cross-sections

