

427 [427/1 - 427/2 - 427/3 - 427/4 - 427/5]

Built-in wall louvre, extra-heavy-duty series, with adjustable blades

BUILT-IN WALL
LOUVRE

ALUMINIUM



412 with filter option

MATERIAL

- Made from aluminium sections: AlMgSi 0.5 (according to EN 12020-2)
- Stainless steel 304 mesh [6 x 6 mm]
- Finishing: anodized in satin colour [20 micron] or powder-coated in any RAL or Syntha Pulvin colour [40 micron]

DIMENSIONS

- Depth to fit: 82 mm
- Maximum width in one piece: 1300 mm
- Minimum dimensions: 300 x 290 mm
- Flange size: 50 mm
- Preferred height = [multiple of 100] + 290 mm

Remark: the minimum height is dependant of the control option [see next p.].

FIXING

- Brackets ref. 429

OPTIONS

- Stainless steel insect screen 304 - 2.3 x 2.3 / 10 x 10 / 20 x 20 / without mesh
- Wire mesh in 316
- Without flange
- Glazed-in louvre 427GL [see p. 104]

CONTROL OPTIONS

- 427/1 Manual
- 427/2 Cable
- 427/3 Ultraflex
- 427/4 Motor 230 - 24V
- 427/5 Air pressure
- 427/6 Spring-return actuator 24V

TYPICAL APPLICATIONS

- Powers stations
- High buildings
- Controlled ventilation
- Production halls



Type 427/1



Type 427/2



Type 427/3



Type 427/4



Type 427/6

TECHNICAL SPECIFICATIONS

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

Airflow		(EN 13030)
K-factor [entry]		11.41
K-factor [discharge]		11.65
C _e coefficient		0.296
C _d coefficient		0.293
Technical data		
Visual free area		88%
Physical free area		53%



TECHNICAL DRAWINGS

Cross-sections

Type 427/1
Manual control
Minimum louvre height: 290 mm

Type 427/2
Cable control up to 2250 mm
Minimum louvre height: 390 mm

Type 427/3
Ultraflex control of max. 7 m
Minimum louvre height: 690 mm

Type 427/4
220 V/24 V motor control
Minimum louvre height: 390 mm

Type 427/5
Air pressure control
Minimum louvre height: 390 mm

Wall brackets no. 429

Without flange no. 427ZF