**GLAZED-IN LOUVRE TYPE RENSON 424**

**SPECIFICATION SHEET**

Louvre type Renson 424 is a glazed-in ventilation louvre and has the following properties:

**Airflow**

* physical free area: 49% *(47% for round grilles and other special shapes)*
* aerodynamic properties according to EN 13030:2001 (with mesh 2.3 x 2.3 mm)
	+ resistance factor entry K = 12.1 ; ce = 0.287
	+ class 3
* documents to be submitted: independent test report (BSRIA, 104600/2)

**Weatherability**

* with mesh 2.3 x 2.3 mm and water channel
	+ according EN 13030:2001
		- class B at 0.0 m/s air entry
		- class C at 1.5 m/s air entry
		- to be submitted: independent test report (BSRIA, 60554/2)
	+ IP class (EN 60529): IP2XD (electrical installation at least 100mm away)

**aesthetics**

* visual screening: horizontally visually closed
* blade pitch = 50mm
* visual free area: 70%
* invisibly assembled with aluminium blade supports *or riveted in the back of the frame for round louvres and other special shapes.*
* mitred corners

**material**

* extruded aluminium profiles (AlMgSi0.5, EN AW 6063 T66)
* made with mesh composed of stainless steel 18/8: mesh size 2.3 x 2.3mm
* surface treatment (select the desired choices):
	+ anodised (20 micron): satin anodised SAA or or EURAS colour (colour differences are possible)

 Optional: Extra 5µ layer thickness for use in heavy-duty environments

* + polyester powder coating in RAL colour according to Seaside Quality A

Optional: Additional 15-20µ layer thickness or according to Seaside Quality OX (pre-anodization)

**Dimensions**

* *frame thickness: 24mm / 28mm / 32mm / other (select the desired choice)*
* width x height / diameter / ... : see bill of quantities and/or drawings

**options**

*The options below are not all possible with round louvres or other special shapes. They are also not always mutually combinable, and they can influence the properties of the louvre. For more information, contact Renson.*

* alternative mesh types: mesh size 6mm x 6mm or 10mm x 10mm.
* water channel for increased weatherability: class B at 0,0 m/s
* drainage profile to prevent dirt deposits on the façade
* removable mesh: allows easy cleaning and comes with an integrated drainage profile
* filter: class G4
* 424VA: ininitely variable

*possible control types (depending on louvre dimensions):*

* + *sliding knob*
	+ *button (standard)*
	+ *rod*
	+ *cord*
	+ *motor 230V or 24V*