

TECHNICAL DETAILS // 300 MAXI LOUVRE



**BLADE SPECIFICATIONS**

- // Blade cover - opening system \_\_\_\_\_ 288 mm
- // Weight per lineal metre \_\_\_\_\_ 5.66 kgm
- // Weight per square metre - opening system \_\_\_\_\_ 19.64 kg/sqm
- // Actual blade width \_\_\_\_\_ 300 mm
- // Blade centres - opening system \_\_\_\_\_ 288 mm

**SPANS AT A GLANCE**

Important: Refer to section 12 for engineering details. Factors such as climate, terrain, shielding, location, type of structure all contribute to determine spans.

WIND ZONE	INSIDE	LOW	MED	HIGH	VERY HIGH
Factored wind speed at building	Self wt	32m/s-115km/h	37m/s-133km/h	44m/s-158km/h	50m/s-179km/h
Ultimate limit state loads (kPa)		+1.1 & -1.38	+1.48 & -1.85	+2.09 & -2.61	+2.70 & -3.38
300mm Maxi Louvre Max. Horiz.	4800	4800	4800	4200	3700

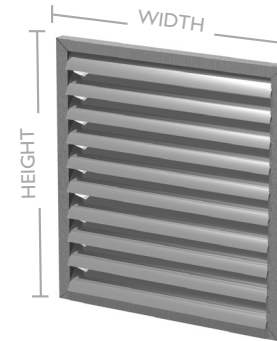
**INSTALLATION OPTIONS**

**// END FIXED**

- Louvres at any pitch
- Louvres at any centre



**// OPENING SPIRAL PIVOT SYSTEM**



**// CALCULATE OPTIMUM FRAME OPENING SIZES**

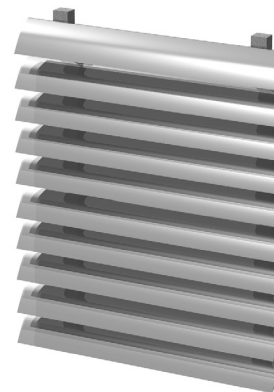
Width: Check engineering limits  
Height: Calculation example showing 17 blades

<b>// STEP 1</b>		
16 Blades x 288		4608
1 Blade at 300		300
17 Blades		= 4908
<b>// STEP 2</b>		
Blade Cover		4908
+ 5mm clearance top & 5mm clearance bottom		10
Total exact opening height		= 4918

\* This is inside measure - not outer frame size

**// BRACKET FIXED**

- Louvres at any pitch
- Louvres at any centre



TYPICAL DETAILS // 600 MAXI LOUVRE

