

**BLADE SPECIFICATIONS**

- // Blade cover - opening system \_\_\_\_\_ 80 mm
- // Weight per square metre - opening system \_\_\_\_\_ 9.38 kg/sqm
- // Blade centres - opening system \_\_\_\_\_ 80 mm
- // Weight per lineal metre \_\_\_\_\_ 0.75 kgm
- // Actual blade width \_\_\_\_\_ 90 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
90mm Midi Louvre Max. Horiz.	2350	2000	1850	1600	1500

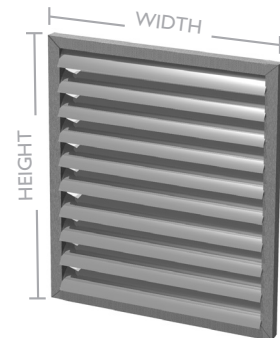
**INSTALLATION OPTIONS**

**// END FIXED**

- Blade at any pitch
- Louvres at any centre



**// OPENING KISS PIVOT SYSTEM**  
Refer pages 6.4-6.5



**// BRACKET FIXED**

- Blade at 45° pitch
- 90mm standard centres, centres can be to suit



**// CALCULATE OPTIMUM FRAME OPENING SIZES**

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

<b>// STEP 1</b>	
16 Blades x 80	1280
1 Blade at 90	90
17 Blades	= 1370
<b>// STEP 2</b>	
Blade Cover	1370
+ top & bottom closing angles allow 16mm + 16mm	32
<b>Total exact opening height</b>	<b>= 1402</b>

\* This is inside measure - not outer frame size