

BLADE SPECIFICATIONS

- // Blade cover - opening system _____ 169 mm
- // Weight per square metre - opening system _____ 11 kg/sqm
- // Blade centres - opening system _____ 169 mm
- // Weight per lineal metre _____ 1.85 kgm
- // Actual blade width _____ 180 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
180mm Airfoil Max. Horiz.	3100	2950	2700	2400	2200

INSTALLATION OPTIONS

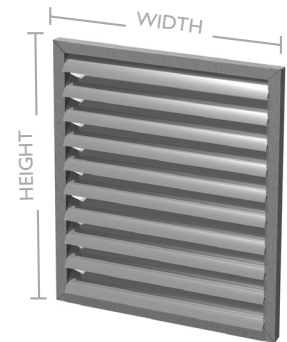
// END FIXED

- Louvres at any pitch
- Louvres at any centre



// OPENING SPIRAL PIVOT SYSTEM

Refer pages 2.10, 2.11, 2.12



// CALCULATE OPTIMUM FRAME OPENING SIZES

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

- // STEP 1

16 Blades x 169	2704
1 Blade at 180	180
17 Blades	= 2884

- // STEP 2

Blade Cover	2884
+ 5mm clearance top & 5mm clearance bottom	10
Total exact opening height	= 2894

- // This is inside measure - not outer frame size

// BRACKET FIXED

- Louvres at any pitch
- Louvres at any centre

