

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 _____ 1.84 kgm
- // Actual blade width _____ 180 mm

SPANS AT A GLANCE

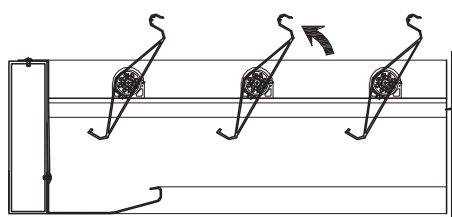
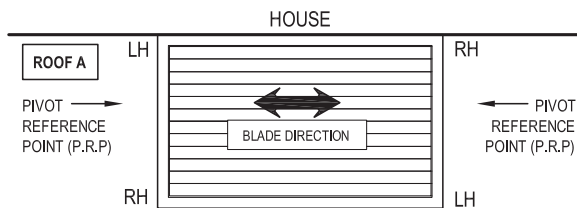
Important: Refer to page section 10 for engineering details. Factors such as climate, terrain, shielding, location, type of structure all contribute to determine spans.

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
180 Linear Opening Roof	3900	3750	3400	3000	2750

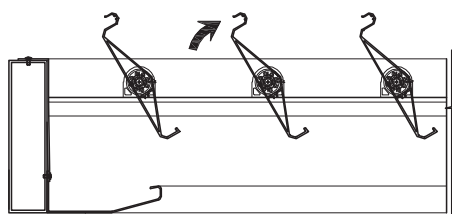
INSTALLATION OPTIONS

// **CALCULATE OPTIMUM FRAME OPENING SIZES**

OPENING DIRECTION OF BLADES

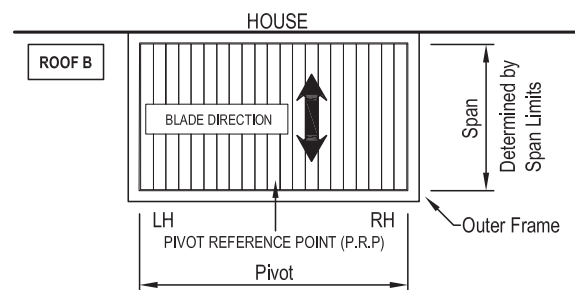


Right hand Up from P.R.P



Left Hand Up from P.R.P

CALCULATE OPTIMUM FRAME OPENING SIZES



P.R.P: Establish Pivot Reference point (P.R.P)
There are two options Roof (A) and Roof (B).

Span: Check engineering span limits

Pivot: Example Calculation showing - 17 Blades

Step 1 16 blades x 169 (CRS) = 2704
 1 blade @ 180 (Blade Size) + 180
 17 blades in total = 2884

Step 2 Blade Cover = 2884
 +2x22mm Clearance @ ends = 44
 Total exact pivot length = 2928mm

- 150mm Wide internal gutter provides cover if clearance increases over 22mm at ends
- Blade direction either Right Hand up or Left Hand up.