

Rack Arm System Specification - Aluminium

System

Sunshield Rack Arm System - RA 75E / RA 88E / RA 96E / RA 145E / RA 155E

Operation

External or Internal Installation

- Manual operation by crank control
- Motorised control via switch, remote control or tablet/hand-held device.
- Automation control at varying degrees of customisation.
- Compatibility with home automation systems and building management systems.



Motor

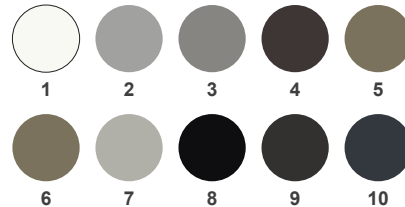
- Available in hardwired or RTS
- Motor must be positioned downwards towards the drive shaft

Slats

Slat Material: Manufactured from AA 6060 T6 aluminium with clear anodised finish.

Colour:

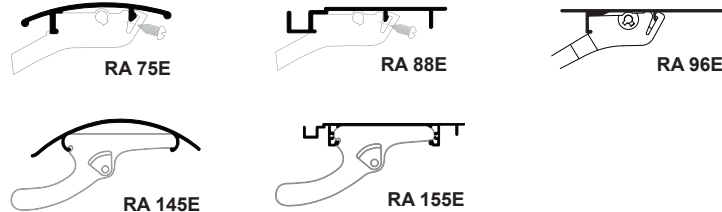
1. Pearl White
2. Clear Anodised
3. Silver Pearl Kinetic
4. Silver Pearl Kinetic
5. Anotec Mid Bronze
6. Metallic Bronze Satin
7. Metallic Grey Satin
8. Black
9. Monument
10. Charcoal



Custom colours and timber slats available on request.

- Slat Widths:**
- RA 75E:** 75mm x 1.5mm
 - RA 88E:** 88mm x 1.5mm
 - RA 96E:** 96mm x 1.8mm
 - RA 145E:** 145mm x 2mm
 - RA 155E:** 155mm x 2mm

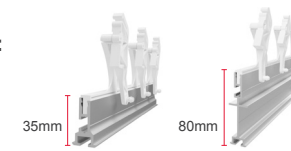
Slat Profile:



Rack Arm Extrusion

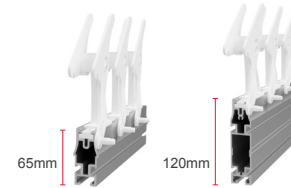
RA 75E, RA88E & RA96E Systems:

- 35mm (standard)
- 80mm (heavy duty)



RA 145E and RA 155E Systems:

- 65mm (standard)
- 120mm (heavy duty)



Components

- Extruded Aluminium Components:** Manufactured from AA 6060 T6 aluminium with clear anodised finish.
- Installation Brackets:** AA 6060 T6 aluminium with clear anodised finish.
- Rack Arm Extrusion:** AA 6060 T6 aluminium with clear anodised finish.
- Operating Strip:** AA 6060 T6 aluminium with clear anodised finish.
- Polycarbonate components:** UV stabilised nylon 6 (polycarbonate).
- Pivot Arms:** UV stabilised nylon 6 (polycarbonate).
- Tilt shafts:** UV stabilised nylon 6 (polycarbonate).
- Link arms:** AA 6060 T6 aluminium with clear anodised finish.
- Motor:** Individual operation or in mechanically linked systems. Motor type specification depends on the height, width, weight and location of the rack arms. Tubular or linear box motors Quiet motor option 120 or 230 volts (Aus) / 100 or 230 volts (US) Compatible with home automation and BMS systems

Installation

- External installation directly onto window mullions using standard Z brackets.
- External installation directly onto the building structure using standard Z or custom made brackets.
- Internal installation within window framework using standard angle brackets or custom made brackets.

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