

System

Horiso Rack Arm System - RA 75E / RA 88E / 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.



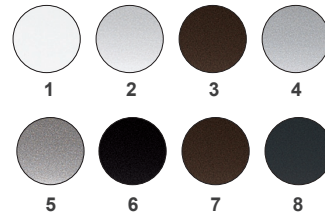
Motor

- 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: White (RAL 9016)
 - 2: Silver (RAL 90060)
 - 3: Dark Brown (RAL 8019)
 - 4: Silver Pearl (RAL 9007)
 - 5: Storm Pearl (HOR 7043)
 - 6: Jet Black (RAL 9005)
 - 7: Dark Brown (RAL 8019)
 - 8: Monument Grey (RAL 7021)



- Custom colours and timber slats available on request.

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

Slat Profile:

RA 75E

75 mm extruded aluminium
- external / internal



RA 145E

145 mm extruded aluminium
- external / internal



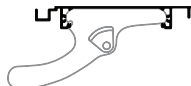
RA 88E

88 mm extruded aluminium
- external / internal



RA 155E

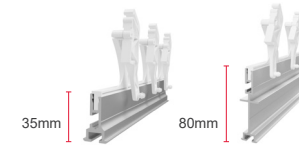
155 mm extruded aluminium
- external / internal



Rack Arm Extrusion

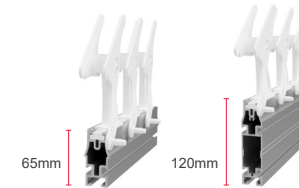
RA 75E and RA88E Systems:

- 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.

