

# Classic Electric

## Motorised Horizontal Blind

Electric Operation is the most efficient means of controlling blinds. It is most beneficial in multiple unit installations or in areas such as high level windows where manual control methods are impractical. Classic electric blinds enable sunscreening to be an integral part of the building management system.

For domestic needs when linked to a solar sensor they ensure temperature control and protection of furnishings from UV degradation when the room is unoccupied.

Depending on the control system chosen several Classic blinds can be operated from one control point ensuring continuity of appearance yet independent control of individual units can be retained.

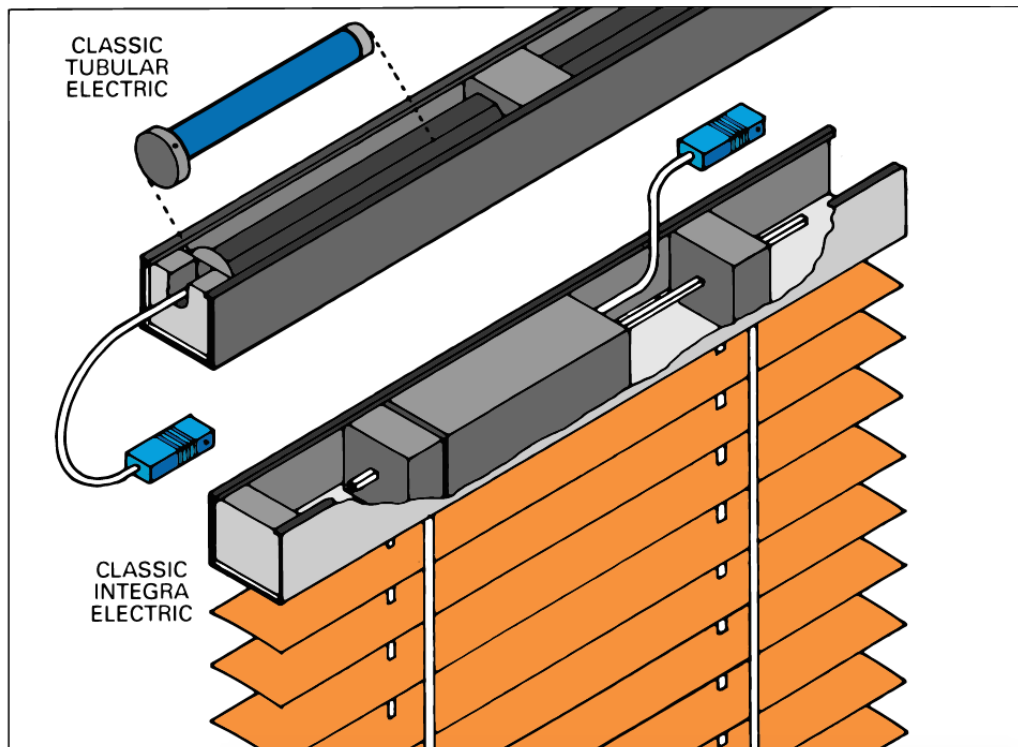
Classic Electric blinds operate both the tilt and raise/lower functions from a single motor located within the blind headrail. The sequence of the operation first tilts to the closed position and then lowers. Reversing the operation causes the blind to first tilt in the opposite closure before raising. Thus the blind can be fully tilted at any point between fully lowered or raised.

Classic Electric blinds are available with aluminium slats in three widths from 25mm Mini to 50 mm and wood slat in 25mm and 50mm widths. Manual control methods are described on separate data sheets. These options ensure that the Classic range will have a solution to even the most awkward situation.

Two types of motor are available:

Classic Tubular Electric is the standard motor for single unit operation for drop sizes up to 3000 mm with a maximum area of 6 sq.m

Classic Integra Electric - is suited to longer blinds and can be used to couple adjacent blinds to one motor.



## Technical specification

**Motors** - Both motors are 240v 50Hz single phase with a maximum current requirement of less than 1 amp. 110v motors are also available. The motors are supplied with a 80cm "flying" lead. We recommend that our standard plug connection is used adjacent to the blind headrail to facilitate removal for maintenance.

**Classic Tubular Electric** - has a tubular motor located within a hexagonal tube that extends the full length of the headrail. This minimises torque for an even tilt operation.

**Classic Integra Electric** - a through drive motor that is normally located inside of the first ladder braid. The drive is a 12mm aluminium tilt shaft.

**Wiring** - Classic integra has a four core cable Neutral, Earth, Supply for lower, Supply for raise. Classic Tubular has a three core cable as it is double insulated which means that no earth connection is necessary. Wiring diagrams are available for all standard control options.

**Switches** - A range of switches is available. Before using any other type of switch it is important to confirm with us that it is compatible to maintain the motor manufacturers' warranty.

**Slats** - Made from a special grade of aluminium alloy that is designed to give the greatest flexibility with maximum resistance to corrosion. They are formed from pre-coated aluminium strip that has been specially treated before enamelling to give maximum bond between metal and the finish. The enamel in a wide range of colours is then baked to give a finish highly resistant to scratching, fading and cracking. They have rounded corners and all round holes are cleanly punched and free from burrs.

**Wood slat** - kiln dried basswood in 50mm/25mm x 3mm lath in a range of stained colours.

**Head Member** - Formed from 24g steel into a U section 57mm x 51 mm which conceals the operating mechanism and is finished to match the slats and bottom rail.

**Bottom Rail** - Formed from 24g steel with the contours of the section matching the slat to the dimensions on the chart. The sections are finished to colour to co-ordinate with the slat.

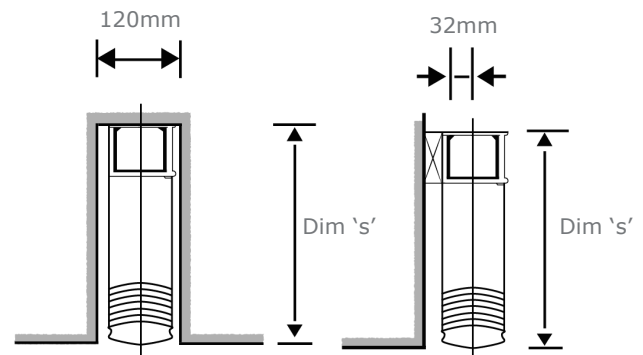
**Ladder Braid** - Mini visible braid. is woven from terylene that is shrink proof, rot proof and guaranteed fade resistant.

**Integra lift Tape** - 5.8mm wide woven terylene lift tape, silicon coated for UV protection.

**Brackets** - Pressed steel colour matched to the headrail that are designed to ensure easy removal of the blind and secure fixing.

### Dimension 'S' for stacking size

Type	Aluminium			Wood	
	25mm	35mm	50mm	25mm	50mm
O/A blind Drop					
1000	95	90	85	240	165
1500	110	100	92	330	205
2000	125	110	100	415	290
2500	140	120	107	505	330
3000	155	130	115	690	375
3500	-	140	122	-	460
4000	-	-	130	-	415



Slatt Size	Thickness mm.	No of slats per m.	Bottom rail size	Maximum spacing between ladders mm.	Max sizes		
					Width	Drop	Sq. m Area
<b>Aluminium</b>							
25mm	0.18	47	27x10	525	3000	3000	8
35mm	0.22	38	37x20	750	3500	3600	10
50mm	0.22	24	50x20	900	4000	4000	10
<b>Wood</b>							
25mm	3	47	25x10	515	2440	3000	8
50mm	3	24	50x20	725	2440	4000	8

