



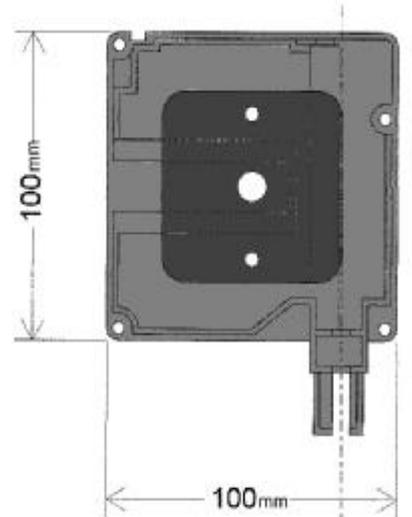
# BLACK BARON

## THIS SYSTEM OFFERS:

- TOTAL BLACKOUT**
- MOTOR or GEAR OPERATION**
- PLASTIC COMPONENTS MOULDED IN TOUGH ABS**
- INTEGRAL RECESS LIGHT SEALS**
- ATTRACTIVE EXTRUDED ALUMINIUM FRAME**
- FRAME AVAILABLE IN WHITE or BLACK as STANDARD**
- SUITABLE FOR ROOFLIGHT APPLICATIONS**
- SMOOTH & QUIET OPERATION.**

The innovative Black Baron Blackout system is technically advanced in every aspect. Careful consideration has been given to every aspect and extensive testing has been carried out to guarantee high performance with trouble free operation. Furthermore, all components of the entire system are manufactured in the UK enabling us to offer an exceptional product at a highly competitive price.

Its characteristics render the Black Baron ideal for use in hospitals, laboratories, colleges, photographic studios and other situations where total blackout is paramount.



## TECHNICAL SPECIFICATION

**Headbox:** The aluminium extruded headbox is 100mm square and is powder coated black or white as standard but can be powder coated in a wide range of colours. Side cheeks are moulded in tough ABS and are universal for all operation types. Brush seals can be added to the outlet of the box to ensure absolute light exclusion. The side cheeks are screwed to the headbox and push fit into the channel extrusion for simple assembly. No other fixing required.

**Channel:** The channel section has been specially designed to eliminate light transmission and to ensure the fabric remains in position. The cloth runs between brush seals in the channel which is powder coated black or white as standard. A specially designed moulded entry guide is located in the top of the channel to enable smooth flow of the cloth from the headbox. Moulded corner pieces are used which enable fast production with guaranteed light exclusion. Both entry guide and corners are designed to mask the extrusion cut, this reduces the possibility of any light transmission. A locator groove on the channel allows accurate positioning of the fixing screws for a uniform look. As with the headbox all the frame sections can be powder coated in a range of colours.

**Bottom Rail:** The bottom rail is rigid in section enabling large widths blinds to be produced. The rail is hollow allowing ballast to be added if required. Moulded bottom rail reducers are used at each end of the rail so that metal to metal contact is avoided in the channel. This provides quiet and smooth operation and simple assembly. No additional stops are required on the rail - this is provided automatically when the headbox cover is in position. A brush seal can be added to the bottom rail if no sill channel is used, for example in a doorway application.

**Mounting System:** The Black Baron can be either face or recess mounted. For mounting no timber frame is required. A telescopic mounting system is used allowing installation of the blind even when the recess is badly out of square. The fixing strip locates into both headbox side channels and sill.

The headbox, side channel and sill have provision for a sealing system which simply slides into each extrusion thus sealing the frame to the recess. A combination of both recess and face fix adaptors can be used on the blind to cater for every situation.

**Cloth:** The standard Blackout fabric is 4-ply PVC which is available in a range of colours. It is flame retardant to BS 5438 and M2. Other fabrics are available.

**Operation:** Standard operation types are gear with removable handle or electric motor. The roller runs in nylon bearings for low friction operation.

The tube is compatible with 50mm motors and runs concentric with the motor axis.

