

## Specification Sheet



### CD900 Built - On Shutters

#### SLATS

<b>Description</b>	:	SeceuroVision 9000 is an open grille constructed of extruded aluminium bars and links.
<b>Common use</b>	:	Internal shopfronts, kiosks, bars and serveries, high specification domestic use.
<b>Dimensions</b>	:	Vision openings 150mm x 70mm as standard; 75mm x 70mm at extra cost.
<b>Weight</b>	:	150 x 70mm spacing   6kg per square metre 75 x 70mm spacing   7kg per square metre
<b>Stock colours</b>	:	Satin silver anodised as standard. Powder coated to standard RAL or BS colours at an extra cost.
<b>Other Options</b>	:	Regular or brick bond pattern. Solid slats can be included at extra cost for visual effect or extra strength. Certain logos and designs can be incorporated in the construction of the grille.
<b>Maximum Sizes</b>	:	Spring Loaded   Maximum ~ 2.8 metres high ~ 8 square metres Electric        Maximum ~ 5.0 metres wide ~ 13 square metres (Larger electric sizes by agreement only.)

#### SHUTTERBOX

<b>Construction</b>	:	Roll formed aluminium in two sections; top and bottom boxes. Bottom box removable for installation and maintenance and chamfered at 45°.
<b>Box ends</b>	:	The shutterbox is assembled on die cast aluminium endplates.
<b>Box sizes</b>	:	Clear opening height (to underside of box): 1400mm, box size 205mm 2350mm, box size 250mm 3600mm, box size 300mm
<b>Stock colours</b>	:	White, dark brown.

#### GUIDE RAILS - REF.: UPH140 / UPH 240 / UPH250

<b>Construction</b>	:	Extruded aluminium with an integral box section for reinforcement and to facilitate fixing. High density 4mm or 7mm pile brush for quiet and smooth operation.
<b>Dimensions</b>	:	UPH140       60mm wide x 27mm deep (205mm box only) UPH240       75mm wide x 27mm deep (250mm or 300mm box) UPH250       90mm wide x 34mm deep (250mm or 300mm box)
<b>Stock Colours</b>	:	White, dark brown.

#### INSTALLATION

<b>Guide Rails</b>	:	3 fixings for guide rails up to 1000mm in length, 5 fixings for guide rails up to 2000mm in length etc.
<b>Shutterbox</b>	:	The shutterbox is fixed at each end and 1000mm centres if over 2000mm wide.
<b>Finishing</b>	:	External shutters require a silicone seal between the shutter and the wall along the top of the box and down the side of the guide rails.

## **OPERATIONS FOR CD900 BUILT-ON SHUTTERS**

The options priced are shown on your quotation which also shows the method of operation we have included. This list shows possible options which would incur different costs.

### **SPRING LOADED**

A counterbalance spring in the axle ensures controlled raising and lowering. An espagnolette keylock or shootbolts lock into the guide rails and are usually incorporated in the bottom slat. Final adjustment of the springloading after installation is always required.

### **ELECTRIC - (N.B. minimum shutter width 750mm)**

Electric operation is required on larger shutters due to weight but is optional on smaller shutters.

<b>OPERATION</b>	:	By tubular motor inside the axle.
<b>MOTORS</b>	:	Draw 240 volts and 0.5 - 2.5 amps dependant upon the shutter size.
	:	Complete with integral limit switches and thermal cut-out to prevent overheating.
	:	Complete with 2 metres of cable for connection.
<b>CONTROL</b>	:	By momentary switch which must be held until the shutter reaches the desired position.

**Provision of a 13 amp fused spur is required for installation. A manual override should be priced and ordered separately for shutters which are to be installed on exit doorways to permit operation in the event of a power failure.**