

High Speed Roll Up Door – V6030 SEL

Application – External

Material – PVC

Standard & certification:

Providing and fixing of High speed roll up door fabric curtain with vision fields and soft edge self-supporting door construction, suitable for external use, resistance to wind load 100 km in acc. with EN 12424 class 2. Shaft made of galvanized precision tube. Self-supporting side guide rails made of canted, galvanized material with integrated, self-monitoring safety light grille IP67 in the closing zone (max. monitoring height of 2500mm), side EPDM gasket. Door leaf tension via tensioning system behind the removable cladding.

High Speed Roll-Up Door

Construction of the curtain shall be of 1.5 mm thick textile-reinforced UPVC curtain, divided into 2 or 3 sections by aluminium profiles. With 900 mm high vision field made of transparent UPVC, 2 mm thick, from 1400mm above floor (without vision field as option). Curtain temperature resistance from +5° to +40°C with Transparent vision – 2 mm. The bottom of the curtain shall be Soft Edge rubber bottom profile with monitoring via a crash switch to prevent accidents. Concealed in the Soft Edge bottom profile, the radio crash switch transmits a signal to the controller and door stops immediately if the bottom profile is pushed out of the side guides due to a crash. The door shall have a soft start and soft stop feature for smooth operation. V 6030 SEL, the average opening and closing speed shall be 2.0 m/sec and 0.5 m/sec.

Operator & Control panel:

Motor power shall be 1.1 kW and shall be tested for 500,000 cycles. The connecting volt shall be 230 V, 50 Hz, protection category IP 54. Provide crank for emergency opening. Control panel FU Control BK150 FU E-1 shall be of Plastic control cabinet IP 54, size (WxHxD) = 230 x 460 x 200 mm with a 7 segment display, electronic travel limit setting. Open-Stop-Close membrane push button, emergency-off button including Connecting cable with CEE male plug, integral automatic timer and Anti-crash switch with manual start-up / Automatic re-feed. Vendor should supply 16A, 3 pin, industrial male socket with 1 mtr cable along with controller.

Standard Finishes:

RAL2004 (Pure orange), RAL3002 (Carmine red), RAL5010 (Gentian blue), RAL7038 (Agate grey)

Space requirement:

Head room – Minimum of 590 mm, motor side 595 mm and bearing side 355 mm for installation of High speed roll up door.