



SPECIFICATIONS

SERIES 7660ESS

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ACOUSTIC RATING	53 STC
PANELS	Top supported – individual panels with semi-automatic operation.
SEALS	Both top and bottom seals shall be extended and retracted by means of an electric motor housed inside the panel.
FRAMES	Anodized extruded aluminum alloy 6063-T6 formed to fully capture and protect the edges of the face materials. Trim less available as option
JAMBS	
Lead end	Fixed wall jamb with integrated power source.
Stack end	LCP has inbuilt two motors, first motor will active top & bottom seals automatically once in position. Second motor has a push button, for extending the LCP element which has to be continuously pressed until the Gap is closed. In order to ensure functional efficiency in the event of a power failure our system has a battery back up
CARRIERS	Polymer-typed steel ball bearing Dual Horizontal Counter-rotating carrier wheel assembly
TRACK-SYSTEM	
Material	Clear anodized extruded aluminum architectural grade 6063-T6 alloy life cycle tested for up to 100 miles or approximately 10 years of use.
Type	a) Track Type Hufcor-36 shall be of clear anodized architectural grade extruded aluminum Alloy 6063-T6. Track design shall provide integral support for adjoining ceiling, soffit, and plenum sound barrier. Track shall be connected to the structural support by min.3/8" (10) dia. Threaded steel hanger rods. Guide rails and/or track sweep seals shall not be required. a. Each panel shall be supported by two 2-wheeled carriers. Wheels to be of hardened steel ball bearings encased with molded polymer tires. NOTE: Type 36 design can hold the maximum weight of 455 KGs.

	b) Track Type Hufcor-57 shall be of clear anodized architectural grade extruded aluminum Alloy 6063-T6. Track design shall provide integral support for adjoining ceiling, soffit, and plenum sound barrier. Track shall be connected to the structural support by min.3/8" (10) dia. Threaded steel hanger rods. Guide rails and/or track sweep seals shall not be required. a. Each panel shall be supported by two 2-wheeled carriers. Wheels to be of hardened steel ball bearings encased with molded polymer tires. Note: 1. Type 57 design can hold the maximum weight of 680 KGs.
POWER SUPPLY-MAINS	220 – 240 V, 50 Hz SINGLE PHASE AC NOTE: In the event of power failure the system can be operated by a high capacity compact back up battery housed within the control box.
MOTOR SPECS	DC 24 V, motor
UNFINISHED PANEL – FACINGS	Shall be of galvanized steel.
PANEL – FINISH	Unfinished – G.I. Sheet face - ready to accept finishes by others.
ACOUSTICS	Partition has been tested by an independent acoustical consultant at an accredited laboratory in accordance with ASTM E90 Standards .
MATERIALS	1. Standard Panels will be nominally 100mm thick and will be 1219mm in width. 2. Vertical acoustic seals between panels shall be deep-nesting tongue and groove configuration consisting of extruded Aluminium astragals incorporating vinyl acoustical seals preventing sound leaks and aligns the panels during set up. 3. Weight of the unfinished panel is 63.7 kg per square meter of panel size. 4. Suspension System- Heavy duty extruded architectural grade 6063-T6 alloy Aluminium track connected to the structure, supported by pairs of threaded galvanized steel hanger rods.
PANEL OPERATIONS	PANEL SETTING (ACTIVE-MODE): 1. Turn "On" Power Switch; Turn Selector Switch to "Lock" Position. 2. Push panel to attach wall jamb. Once Male Connector 1 will make contact with Wall Jamb Female Connector the top & bottom seal carrier will activate automatically. 3. Push the second panel to attach first panel. Male connector 2 will

	make contact with the female Connector 1 the top & bottom seal carrier will activate automatically. 4. Repeat process 3 to third panel & so on. 5. Push LCP to attach the panel, once the connector is in contact, top & bottom seal carrier will activate automatically. 6. Press & hold the LCPS, the level closure will extend automatically. Release your press button after LCP is fully extends. 7. Turn the selector Switch to center. PANEL SETTING (INACTIVE OR BREAKOUT MODE): 1. Turn Selector Switch to “UNLOCK” Position. 2. Top & Bottom seal carrier for LCP will deactivate automatically once you turn Selector Switch to “UNLOCK” position 3. Press & hold the LCPS, the level closure will close automatically. Release your press button after LCP is fully closed. 4. Pull out LCP, the basic panel beside LCP will deactivate top & bottom seal carrier. 5. Pull out the basic panel, the panel next to it will deactivate top & bottom seal carrier & so on. 6. After removing all the panels, turn Selector Switch to center.
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PANELS ARE MANUFACTURED BY:

GIBCA FURNITURE INDUSTRY CO. LTD (LLC) is certified and operating under ISO 9001 Standards Quality Management and Procedures.