



## SPECIFICATIONS

### SERIES 7660ESS

<b>SERIES</b>	7660 ESS
<b>ACOUSTIC RATING</b>	53 STC
<b>PANELS</b>	Top supported – individual panels with semi-automatic operation.
<b>SEALS</b>	Both top and bottom seals shall be extended and retracted by means of an electric motor housed inside the panel.
<b>FRAMES</b>	Anodized extruded aluminum alloy 6063-T6 formed to fully capture and protect the edges of the face materials. Trim less available as option
<b>JAMBS</b>	
<b>Lead end</b>	Fixed wall jamb with integrated power source.
<b>Stack end</b>	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 <b>battery back up</b>
<b>CARRIERS</b>	Polymer-typed steel ball bearing Dual Horizontal Counter-rotating carrier wheel assembly
<b>TRACK-SYSTEM</b>	
<b>Material</b>	Clear anodized extruded aluminum architectural grade 6063-T6 alloy life cycle tested for up to 100 miles or approximately 10 years of use.
<b>Type</b>	<p>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.</p> <p>a. Each panel shall be supported by two 2-wheeled carriers. Wheels to be of hardened steel ball bearings encased with molded polymer tires.</p> <p>NOTE: Type 36 design can hold the maximum weight of 455 KGs.</p>

	<p>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.</p> <p>a. Each panel shall be supported by two 2-wheeled carriers. Wheels to be of hardened steel ball bearings encased with molded polymer tires.</p> <p>Note:</p> <p>1. Type 57 design can hold the maximum weight of 680 KGs.</p>
<b>POWER SUPPLY-MAINS</b>	<p>220 – 240 V, 50 Hz SINGLE PHASE AC</p> <p><b>NOTE:</b> In the event of power failure the system can be operated by a high capacity compact back up battery housed within the control box.</p>
<b>MOTOR SPECS</b>	DC 24 V, motor
<b>UNFINISHED PANEL – FACINGS</b>	Shall be of galvanized steel.
<b>PANEL – FINISH</b>	Unfinished – G.I. Sheet face - ready to accept finishes by others.
<b>ACOUSTICS</b>	Partition has been tested by an independent acoustical consultant at an accredited laboratory in accordance with <b>ASTM E90 Standards</b> .
<b>MATERIALS</b>	<ol style="list-style-type: none"> <li>1. Standard Panels will be nominally 100mm thick and will be 1219mm in width.</li> <li>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.</li> <li>3. Weight of the unfinished panel is 63.7 kg per square meter of panel size.</li> <li>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.</li> </ol>
<b>PANEL OPERATIONS</b>	<p><b>PANEL SETTING (ACTIVE-<del>MODE</del>):</b></p> <ol style="list-style-type: none"> <li>1. Turn "On" Power Switch; Turn Selector Switch to "<b>Lock</b>" Position.</li> <li>2. Push panel to attach wall jamb. Once Male Connector 1 will make contact with Wall Jamb Female Connector the top &amp; bottom seal carrier will activate automatically.</li> <li>3. Push the second panel to attach first panel. Male connector 2 will</li> </ol>

	<p>make contact with the female Connector 1 the top &amp; bottom seal carrier will activate automatically.</p> <ol style="list-style-type: none"> <li>4. Repeat process 3 to third panel &amp; so on.</li> <li>5. Push <b>LCP</b> to attach the panel, once the connector is in contact, top &amp; bottom seal carrier will activate automatically.</li> <li>6. Press &amp; hold the <b>LCPS</b>, the level closure will extend automatically. Release your press button after <b>LCP</b> is fully extends.</li> <li>7. Turn the selector Switch to center.</li> </ol> <p><b>PANEL SETTING (INACTIVE OR BREAKOUT MODE):</b></p> <ol style="list-style-type: none"> <li>1. Turn Selector Switch to “UNLOCK” Position.</li> <li>2. Top &amp; Bottom seal carrier for <b>LCP</b> will deactivate automatically once you turn Selector Switch to “UNLOCK” position</li> <li>3. Press &amp; hold the <b>LCPS</b>, the level closure will close automatically. Release your press button after LCP is fully closed.</li> <li>4. Pull out <b>LCP</b>, the basic panel beside <b>LCP</b> will deactivate top &amp; bottom seal carrier.</li> <li>5. Pull out the basic panel, the panel next to it will deactivate top &amp; bottom seal carrier &amp; so on.</li> <li>6. After removing all the panels, turn Selector Switch to center.</li> </ol>
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**PANELS ARE MANUFACTURED BY:**

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