Optional Safety Features

Partial Open Feature
Includes two press wall switches outside the linac vault sequenced at push to open/close and partial open. The interior set has a single press wall switch sequenced at push to open/close.

Presence Sensor Features
Installed on the inside of the treatment vault overhead. When the treatment room door is not in the full open or full closed position, the sensor will detect any object or person passing through the presence area and send a signal to the door operator to prevent the door from opening or closing.

Pressure Sensitive Tape Switches
Supplied and installed on each side of the swing door system in a T-Shape, i.e. one horizontal strip, one vertical strip. If more than 8 oz. of pressure is detected, the device will send a signal to the door operator to either stop the door, or stop and reverse the door.

### Technical Specifications

**Overall Dimensions**
Designed to meet each site’s requirements

**Manufacturing**
1/2” or 3/4” steel perimeter flat bar; 1/4” A-36 steel faceplates minimum

**Frame**
1/4” A-36 steel

**Exterior Finish**
Factory primed (others available)

**Threshold**
1/4”th. steel over 1/4”th. lead

**Hinges**
Heavy-duty, cold-rolled or stainless steel, adjustable

**Compliance**
Meets all regulatory, safety requirements

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**Safe Swinging Power Door Operating Speeds**

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Door Weight (lbs.)</th>
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<tbody>
<tr>
<td></td>
<td>0</td>
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<tr>
<td>36</td>
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<td>60</td>
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<td>66</td>
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</tbody>
</table>

Minimum Opening Time (seconds) to Backcheck **

**Battery Back-up**
Allows the door to be opened in the event of a power failure. The system includes a float charger to provide a trickle charge to the battery. All components are installed under the cover of the door operator with the exception of the end of the travel switch. To open a door in a power failure, the press to open button acts as a momentary contact switch. As long as the button is depressed, the door will continue to open.

Preventative Maintenance Service Contracts
Available upon request.

Other details regarding manufacturing, materials, installation requirements, structural specifications, custom options, financing, physics, or regulatory, etc., can be obtained from your NELCO representative. A list of references available upon request.