BuckyDiagnost VR

Preferred Room Layout

The layout shown below is based upon a typical equipment configuration and should be considered as a general design guideline. Site conditions, application requirements, customer preferences, and/or equipment configuration may significantly impact suite design and equipment layout. It is recommended to request site-specific drawings from a Philips representative early in the design process.

Equipment Layout

Recommended Ceiling Height: 8'-8" [2642mm] (tube arm up)
or 9'-11" [3032mm] (tube arm down)

Ceiling height is from finished floor to bottom of Unistrut. Ceiling heights other than recommended may impact equipment functionality; consult with Philips.
<table>
<thead>
<tr>
<th>Equipment Designation</th>
<th>Description</th>
<th>Weight lbs [kg]</th>
<th>Heat Load Btu/hr [W]</th>
</tr>
</thead>
<tbody>
<tr>
<td>A ME</td>
<td>Optimus 80 Control Cabinet (40E Rack)</td>
<td>462 [210]</td>
<td>1707 [500]</td>
</tr>
<tr>
<td>A MU</td>
<td>CS 4 Tube Crane</td>
<td>922 [419]</td>
<td>1297 [380]</td>
</tr>
<tr>
<td>A SCU</td>
<td>Segment Control Unit</td>
<td>14 [6.4]</td>
<td>119 [35]</td>
</tr>
<tr>
<td>A BVS</td>
<td>BuckyDiagnost VS Advanced (Left)</td>
<td>439 [198]</td>
<td>546 [160]</td>
</tr>
<tr>
<td>A PBC</td>
<td>Optimus Control Panel</td>
<td>9 [4]</td>
<td>137 [40]</td>
</tr>
</tbody>
</table>
Environmental Requirements for General Equipment Locations

Heating, ventilating, air conditioning requirement for general equipment locations must maintain temperature at 75° +/- 11° F (24° +/- 6° C) and non-condensing relative humidity at 47% - 28%.

Power Requirements

Optimus 80 / Optimus CXA

Supply Configuration: 3 phase, 3 wire power and ground. Delta or Wye. (with optional* transformer)

Nominal Line Voltage: 400, 440, 460, or 480 VAC, 60 Hz

Branch Power Requirement: 167 kVA

Circuit Breaker: 3 pole, 100 A(@480 V)

* transformer standard in U.S.

Remote Service Diagnostics

Medical Imaging equipment to be installed by Philips is equipped with a service diagnostic feature which allows for remote and on-site service diagnostics. To establish this feature, a RJ45 type Ethernet 10/100/1000 Mbit network connector must be installed. Access to customer’s network via their remote access server is needed for Remote Service Network (RSN) connectivity. All costs with this feature are the responsibility of the customer.