### Specification

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Channels</th>
<th>Size LxWxH (mm)</th>
<th>Capacity (Tons/hour)*</th>
<th>Power Consumption (kw)</th>
<th>Air Consumption (hp)*</th>
<th>Operating Voltage (Volts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS - 72</td>
<td>Primary 36, Resort 1 18, Resort 2 18</td>
<td>1750x1350x1740</td>
<td>0.3 to 0.8</td>
<td>2</td>
<td>10</td>
<td>230Vac, 50-60Hz</td>
</tr>
<tr>
<td>PS - 90</td>
<td>Primary 54, Resort 1 18, Resort 2 18</td>
<td>1750x1350x1740</td>
<td>0.5 to 1.0</td>
<td>3</td>
<td>15</td>
<td>230Vac, 50-60Hz</td>
</tr>
<tr>
<td>PS - 108</td>
<td>Primary 72, Resort 1 18, Resort 2 18</td>
<td>1750x1350x1740</td>
<td>0.8 to 1.2</td>
<td>4</td>
<td>20</td>
<td>230Vac, 50-60Hz</td>
</tr>
<tr>
<td>PS - 126</td>
<td>Primary 72, Resort 1 36, Resort 2 18</td>
<td>1750x1350x1740</td>
<td>1.0 to 2.0</td>
<td>4</td>
<td>20</td>
<td>230Vac, 50-60Hz</td>
</tr>
<tr>
<td>PS - 144</td>
<td>Primary 90, Resort 1 36, Resort 2 18</td>
<td>1750x1350x1740</td>
<td>1.5 to 2.5</td>
<td>4</td>
<td>25</td>
<td>230Vac, 50-60Hz</td>
</tr>
</tbody>
</table>

*Capacity will vary depending upon the variety, quality and the impurity level of input material

**Air requirement will be higher if the contamination level is high

### Technology

- **2048 pixel high resolution line scan CCD Cameras can detect defects down to 0.14mm size**
- **Intelligent Image Processing algorithm enhances the sorting efficiency**
- **High performance FPGA and DSP gives the extremely reliable hardware architecture**
- **1ms of high speed ejectors can eject up to 1000 times per second which maximize the production capacity and reduce good mixup in reject material**
- **Computer based system monitoring gives consistent sorting even during variations in external parameters like lightning**
- **15” Ultra high resolution color touch screen with user friendly GUI makes the user interface simple**

### Products can sort

- Rice
- Toor Dhal
- Green Dhal
- Moong Dhal
- Peanuts
- Coffee bean
- Fried Gram
- Masoor Dhal
- Urad Dhal
- Tamarind Seed
- Cardamom
- De-Hydrated Onion

### Head Office & Factory:

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