Compact Booster Vacuum Pump Systems

Models
CB7215  CB7230  CB7250

Kinney® Compact Booster Systems combine the features of Kinney KT™ Pumps and Integral Drive Boosters into a space efficient package capable of continuous high pumping capacity down to 10 microns. They are suitable for use in vacuum furnace, vacuum coating, sputtering, space simulation, and other applications.

Features
• High pumping capacity
• Compact envelope
• Quiet, vibration-free
• Water-cooled for low operating temperature
• Tough, durable pumps

Specifications

<table>
<thead>
<tr>
<th>SYSTEM MODEL</th>
<th>Hz</th>
<th>CIP¹ (TORR)</th>
<th>MAXIMUM COP² (TORR)</th>
<th>BOOSTER MODEL</th>
<th>DISPLACEMENT CFM / m³/h</th>
<th>HP/kW</th>
<th>PUMP MODEL</th>
<th>DISPLACEMENT CFM / m³/h</th>
<th>HP/kW</th>
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<tbody>
<tr>
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<td>60</td>
<td>15</td>
<td>15</td>
<td>KMBD-720C</td>
<td>720 / 1220</td>
<td>5 / 3.7</td>
<td>KT-150</td>
<td>150 / 250</td>
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<td>100</td>
<td>*</td>
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<td>5 / 3.7</td>
<td>KT-500</td>
<td>500 / 850</td>
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¹ CIP = Cut-in Pressure ² COP = Continuous Operating Pressure  *Limited by motor HP

Typical Pumping Speed Curves
Values shown are approximate and should not be used for construction. Certified drawings are available through your local Kinney Sales Professional.

### Models CB7215, CB7230, CB7250

#### Standard Configuration
- Integral Drive Booster
- Kinney® KT™ Pump
- Dual Voltage 3/60/230-460V TEFC Motors
- Pressure Switch
- Overtemperature Switch
- Steel Base with VibraMounts

#### Options
- Oil Mist Eliminator
- Suction Flexible Connector
- Cooling Water Solenoid Valve
- Motor Controls
- Air Cooling Systems

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D INLET</th>
<th>E DISCHARGE</th>
<th>F</th>
<th>G</th>
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**CONTACT US**

For more information, contact your Regional Sales Manager or call us at:

**1-800-825-6937**

Your Local Sales Professional: