**Product Features**

**Technical Data**
- Number of stages: 2-6
- Operating speed: 3550 rpm
- Casing design pressure: 25 psig
- Inlet connection: 20" (508mm) flange 125lb/150 lb ANSI drilled and tapped
- Outlet connection: 18" (457mm) flange 125lb/150 lb ANSI drilled and tapped
- Seals: labyrinth (single and double carbon ring available)
- Bearings: 7314 -/6314 ball, minimum L10 bearing life often years per AFBMA
- Lubrication: oil
- Drains: 3/8 and 1/2N PT with plugs
- Impeller diameter: 27.5" (699mm)
- Impeller tips speed: 426 ft/sec (130 m/sec)
- First critical speed: 4350 rpm for maximum stages
- Vibration: 0.23 in/sec

**Accessories**
- Full line of standard and custom electrical control panels for packaged systems – UL and CUL Listed available
- Dissolved oxygen control system
- Flexible sleeve connectors and expansion joints
- Filters and silencers
- Butterfly valves and check valves

**Note:** Specifications may vary and change without notice.

**Materials of Construction**
- Casing and heads: cast iron Class 30
- Tie rods: AISI 1035 carbon steel
- Interstage sealing: silicone rubber
- Shaft: AISI 1144 carbon steel
- Impellers: ASTM A356.0 cast aluminum
- Base: A36 structural steel
- Finish: epoxy primer with urethane topcoat
- Isolation pads: synthetic rubber and cork

**Rugged, energy efficient multistage blowers and exhaustors**

The Power Mizer® Series 6000 employs proven Spencer technology to meet heavy-duty air and gas handling requirements at peak energy efficiency.

Spencer’s multistage centrifugal blowers and exhausters have a long track record of performance. The product line can be paired with Spencer’s variable frequency drives (VFD), operator interface, a variety of control system options, and blower protection devices for optimum energy efficiency. It is ideal for maximum uptime in demanding environments.

Applications include petrochemical refineries/sulfur recovery; mining/ flotation; chemical/combustion air or process air; and municipal and industrial wastewater treatment/aeration.

Spencer’s specially engineered aerodynamic components mean smoother, more efficient airflow from blower inlet to discharge. The Power Mizer Series 6000 is a cost-effective solution providing long-term power savings.

**Performance Range**

Performance at Standard Density
(Air at 68°F, Relative Humidity of 36%, Inlet Pressure 14.7 psia) 3550 rpm
The **Power Mizer® Series 6000**

**Dimensions:** Shown in inches / (mm)

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### Model Number

<table>
<thead>
<tr>
<th>Model Number</th>
<th>No. of Stages</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>C62</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>C63</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>C64</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>C65</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>C66</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**Outlet Position (As viewed from outlet end):**

1. Outlet Position
2. Outlet Position
3. Outlet Position

**Inlet Position (As viewed from inlet end):**

1. Inlet Position
2. Inlet Position
3. Inlet Position

**Average Weight**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>No. of Stages</th>
<th>Dimensions</th>
<th>Average Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>C62</td>
<td>2</td>
<td>A 34.88 in. B 866 mm C 96.25 in. B 2445 mm</td>
<td>4914 lb 2231 kg</td>
</tr>
<tr>
<td>C63</td>
<td>3</td>
<td>A 42.88 in. B 1089 mm C 111.25 in. B 2826 mm</td>
<td>6064 lb 2753 kg</td>
</tr>
<tr>
<td>C64</td>
<td>4</td>
<td>A 50.88 in. B 1292 mm C 119.25 in. B 3029 mm</td>
<td>6989 lb 3173 kg</td>
</tr>
<tr>
<td>C65</td>
<td>5</td>
<td>A 58.88 in. B 1496 mm C 135.25 in. B 3435 mm</td>
<td>8049 lb 3654 kg</td>
</tr>
<tr>
<td>C66</td>
<td>6</td>
<td>A 66.88 in. B 1699 mm C 135.25 in. B 3435 mm</td>
<td>8926 lb 4052 kg</td>
</tr>
</tbody>
</table>

**Direction of Rotation**

- Spencer may make improvements and dimensional changes to equipment designs based on market trends and requirements.

For product selection assistance, please email marketing@spencer-air.com or visit our website at www.spencerturbine.com to locate the Spencer representative in your area.

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**Spencer m ay make impr ovem entsand dimensional changes to equipm ent designs based on m arket trends and requirements.**

**Note:** Power Mizer® is a registered trademark of The Spencer Turbine Company.

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**Blowers & Vacuum Systems with an Engineering Edge**

The Spencer Turbine Company, 600 Day Hill Road, Windsor, CT 06095 USA

TEL 800-232-4321 • 860-688-8361 • FAX 860-688-0098 • www.spencerturbine.com

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