Choose Becker Pumps **Best in Class**

Building Medical & Industrial Systems in the U.S.A.
for over 3 Decades

For more than 130 years, Becker has had the global reputation of *Best in Class* quality manufacturing of our oil lubricated and oil-free dry running vacuum pumps. And since the vacuum pump is the most important component of any vacuum system, it makes sense that **Becker systems with Becker pumps** are the most reliable and efficient systems in the world. With many types to choose from, whether medical or industrial, lubricated or dry running, expandable or tank mounted, Becker has the right system for your application.

**Reliable & Efficient Vacuum Pumps & Systems**

- Quiet running
- Tank mounted models (vertical and horizontal)
- Expandable models (up to six pumps)
- Easy Installation
  - One electrical connection
  - One inlet connection
  - One discharge connection
  - Most fit through any 36" door
- Field serviceable, easy to maintain
- All Medical systems are NFPA compliant
- Auto Purge for Laboratory systems

**Experienced & Personal Customer Service**

- Phone calls always answered by a “live” person
- Experienced technical support
- Knowledgeable inside sales and customer service
- Fast turnaround time
- Factory trained in-house repair service
- Offer only Becker Genuine replacement parts
- Large inventory of pumps and parts with same day shipping available

At Becker Pumps Corp., we understand that breakdowns are costly due to lost production and maintenance downtime. We solve both of these problems and that’s why we’re recognized as the best vacuum pump solution in all the world.
**Advantage-X**  
*Extended-Life Dry Central Vacuum Systems*  
The Advantage-X version offers an extended life dry vane pump with 20,000 hour vane life. These vanes are exclusive to Becker pumps and insure low cost maintenance. On these systems, Becker offers the only 4 year total system warranty in the industry!

**Advantage-D**  
*Dry Central Vacuum Systems*  
The Advantage-D version offers our automatic purge systems which are specifically designed for laboratory applications. The purge system cleanses the pump of ingested gases and chemicals to extend the life of the oil while increasing pump life. Becker offers the only 3 year warranty in the industry!

**Advantage-L**  
*Lubricated Central Vacuum Systems*  
The Advantage-L version offers our oil lubricated rotary vane pumps for deep draw vacuum up to 29.9” Hg. On these systems, Becker offers the only 3 year warranty in the industry!

**Advantage-P**  
*Lubricated Auto-Purge Laboratory Central Vacuum Systems*  
The Advantage-P version offers our automatic purge systems which are specifically designed for laboratory applications. The purge system cleanses the pump of ingested gases and chemicals to extend the life of the oil while increasing pump life. On these systems, Becker offers the only 3 year warranty in the industry!
Model Specifications

This chart displays all of the Becker models that are currently available and their specifications. The flow is in SCFM and is shown at three separate vacuum levels: 0" Hg for open flow; 19" Hg for medical applications; and 24" Hg for industrial applications.

Features & Benefits

- Air Cooled – No Water
- Compact
- Convenient Service Points – Low Maintenance
- Modular – Expandable
- PLC Controlled with Timed Alternation
- Quiet
- Remote Alarm Relays
- Single Point Connections for Vacuum, Electrical & Discharge
- Vibration Free
- Touch Screen:
  - Alarm Log
  - Maintenance Reminders
  - Vacuum Level Bar Graph with Set Points
  - Pump Status Indicator
  - Remote Monitoring

Options

- Auto Purge
- Bypass Piping
- Discharge Manifold
- NFPA 99 Compliance
- Redundant Transformers
- Tank Drain Assembly

Options & Benefits

- Auto Purge
- Bypass Piping
- Discharge Manifold
- NFPA 99 Compliance
- Redundant Transformers
- Tank Drain Assembly

### Model Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Description</th>
<th>HORSEPOWER*</th>
<th>TANK (GALLONS)</th>
<th>LENGTH (IN)</th>
<th>DEPTH (IN)</th>
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<tbody>
<tr>
<td>ST20L/P</td>
<td>Horizontal</td>
<td>12.4</td>
<td>60</td>
<td>50</td>
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<td>ST40L/P</td>
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<td>28.8</td>
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<td>71</td>
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<td>ST70L/P</td>
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<td>49</td>
<td>120</td>
<td>71</td>
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<tr>
<td>ST100L/P</td>
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<td>71</td>
<td>120</td>
<td>71</td>
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<tr>
<td>ST190L/P</td>
<td>Horizontal</td>
<td>129</td>
<td>120</td>
<td>71</td>
<td>32</td>
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<tr>
<td>ST250L/P</td>
<td>Horizontal</td>
<td>168</td>
<td>120</td>
<td>71</td>
<td>32</td>
</tr>
</tbody>
</table>

### Options

- Substitute L or P
- For Pentaplex and Sextuplex system performance, contact factory.
### Advantage-D & X Dry

#### Horizontal Tank Mounted Simplex Systems

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SCFM (NFPA Capacity*)</th>
<th>Dimensions**</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST25D/X</td>
<td>18, 5.32</td>
<td>2.0, 1.2, 60, 50, 29, 45</td>
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<tr>
<td>ST40D/X</td>
<td>28, 8.27</td>
<td>3.1, 2, 60, 50, 29, 45</td>
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<tr>
<td>ST60D/X</td>
<td>39, 12.5, 5.5</td>
<td>3, 120, 71, 32, 50</td>
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<tr>
<td>ST80D/X</td>
<td>48, 15.4</td>
<td>6.8, 5, 120, 71, 32, 50</td>
</tr>
<tr>
<td>ST100D/X</td>
<td>69, 22.1</td>
<td>9.8, 5, 120, 71, 32, 50</td>
</tr>
<tr>
<td>ST140D/X</td>
<td>95, 30.4</td>
<td>13.4*, 7.5, 120, 71, 32, 50</td>
</tr>
<tr>
<td>ST200D/X</td>
<td>130, 41.4</td>
<td>18.4, 7.5, 240, 88, 37, 62</td>
</tr>
<tr>
<td>ST250D/X</td>
<td>173, 55.4</td>
<td>24.5, 10, 240, 88, 37, 62</td>
</tr>
</tbody>
</table>

#### Modular/Expandable Simplex Systems

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SCFM (NFPA Capacity*)</th>
<th>Dimensions**</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS25D/X</td>
<td>18, 5.32</td>
<td>2.0, 1.2, 60, 48, 54, 91</td>
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<tr>
<td>DS40D/X</td>
<td>28, 8.27</td>
<td>3.1, 2, 60, 48, 54, 91</td>
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<td>DS60D/X</td>
<td>39, 12.5</td>
<td>5.5, 3, 120, 56, 54, 91</td>
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<td>DS80D/X</td>
<td>48, 15.4</td>
<td>6.8, 5, 120, 56, 54, 91</td>
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<tr>
<td>DS100D/X</td>
<td>69, 22.1</td>
<td>9.8, 5, 120, 56, 54, 91</td>
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<tr>
<td>DS140D/X</td>
<td>95, 30.4</td>
<td>13.4*, 7.5, 240, 68, 66, 109</td>
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<tr>
<td>DS200D/X</td>
<td>130, 41.4</td>
<td>18.4, 7.5, 240, 68, 66, 109</td>
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<tr>
<td>DS250D/X</td>
<td>173, 55.4</td>
<td>24.5, 10, 240, 68, 66, 109</td>
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<tr>
<td>DS400D/X</td>
<td>280, 89.7</td>
<td>59.6*, 24, 240, Contact</td>
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</tbody>
</table>

#### Modular/Expandable Duplex Systems

<table>
<thead>
<tr>
<th>MODEL</th>
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<tr>
<td>DT250D/X</td>
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<td>2.0, 1.2, 120, 48, 54, 91</td>
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<td>DT400D/X</td>
<td>28, 8.27</td>
<td>3.1, 2, 120, 48, 54, 91</td>
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<td>5.5, 3, 120, 56, 54, 91</td>
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<td>DT800D/X</td>
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<td>6.8, 5, 120, 56, 54, 91</td>
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<tr>
<td>DT1000D/X</td>
<td>69, 22.1</td>
<td>9.8, 5, 120, 56, 54, 91</td>
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<tr>
<td>DT1400D/X</td>
<td>95, 30.4</td>
<td>13.4*, 7.5, 240, 68, 66, 109</td>
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<tr>
<td>DT2000D/X</td>
<td>130, 41.4</td>
<td>18.4, 7.5, 240, 68, 66, 109</td>
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<td>DT2500D/X</td>
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<tr>
<td>DT4000D/X</td>
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<td>59.6*, 24, 240, Contact</td>
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### Advantage-D and X Dry

#### Vertical Tank Mounted Simplex Systems

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SCFM (NFPA Capacity*)</th>
<th>Dimensions**</th>
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</thead>
<tbody>
<tr>
<td>ST10D/X-V</td>
<td>7, 2.07</td>
<td>0.77, 0.6, 60, 42.3, 20, 67</td>
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<tr>
<td>ST16D/X-V</td>
<td>11, 3.25</td>
<td>1.2, 0.94, 60, 42.3, 20, 67</td>
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<tr>
<td>ST25D/X-V</td>
<td>18, 5.32</td>
<td>2.0, 1.2, 60, 42.3, 20, 67</td>
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<td>ST40D/X-V</td>
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<td>3.1, 2, 60, 42.3, 20, 67</td>
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<tr>
<td>ST60D/X-V</td>
<td>39, 12.5</td>
<td>5.5, 3, 120, 54, 30, 74</td>
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<tr>
<td>ST80D/X-V</td>
<td>48, 15.4</td>
<td>6.8, 5, 120, 54, 30, 74</td>
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#### Vertical Tank Mounted Duplex Systems

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<td>7, 2.07</td>
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<td>DT16D/X-V</td>
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<td>DT40D/X-V</td>
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<td>DT60D/X-V</td>
<td>39, 12.5</td>
<td>5.5, 3, 120, 54, 33, 74</td>
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</tr>
</tbody>
</table>

* Substitute D or X

* Except for Simplex Systems, data is for an NFPA 99 Level 1 system, which requires a reserve pump; thus, performance in this table is for the total number of pumps in the system, minus 1 (i.e., a Triplex TS100D4 would be designed for 2 pumps with a total flow of 44.2 SCFM at 19” Hg and total HP of 10. The reserve pump produces 22.1 SCFM using a 5 HP motor and is not included in the tables presented on this page).

** These dimensions are for estimates of the overall system envelope and should not be depended on for installation details. The dimensions are subject to change without notice. Contact the factory for certified dimensional drawings.

Pentaplex and Sextuplex Systems are available as a factory standard design—contact the factory. Custom designed systems also available.

Becker Pumps Corp. reserves the right to alter data without notice.

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2 Substitute D or X
3 Performance stated at 22° Hg

For Pentaplex and Sextuplex system performance, contact factory.
Advantage-P System

World’s Leading Brand

Best in Class

Contact our staff today. We’re ready to help. Call 888-633-1083 or email: info@beckerpumps.com.