Increase ROI and reduce risk with your complex projects
Save time, space and money with VSX pumps, optimized for large commercial projects.

COST SAVING
The groundbreaking design of the VSX platform helps reduce both capex and opex costs, significantly improving your ROI. It optimizes the advantages of vertical suction and discharge piping applications by eliminating the added costs of space-robbing elbows, protruding accessories and pipe supports.

SPACE SAVING
The revolutionary design of the VSX can reduce your equipment's footprint by up to 40 percent when compared to traditional double-suction pumps and large VIL pumps.

REDUCED RISK
Installation is easy, thanks to the VSX design, which includes an ANSI/OSHA coupling guard. The pump’s one-piece unitized seal eliminates multiple components, to help you avoid installation errors.
The VSX is also easy to maintain, which will reduce your downtime. Its components are readily accessible from both sides of the pump, so it can be serviced without disturbing the piping or the motor.

EFFICIENT

When Bell & Gossett engineered the VSX platform, we identified the most common chiller, cooling tower and general pumping requirements. We matched the best efficiency points (BEP) of the VSX to common chiller and tower sizes, and to normal, industrially-specified flows and head conditions. As a result, it provides consistently high efficiency throughout your building’s performance.

LONGEST LIFE, LOWEST LIFECYCLE COST

The VSX is constructed to significantly increase pump life. It is designed to accept static load without undue stress, deflection or vibration. This reduces wear on the coupling, the maintenance-free bearings and the mechanical seals, and prevents early failure of the equipment. All this adds up to an estimated useful life of 25 years, allowing your VSX pump system to continue working long after a vertical inline would have to be replaced. There is no comparison – the VSX is the best solution for any mechanical room.

<table>
<thead>
<tr>
<th>Pump Type</th>
<th>Average Hours</th>
<th>Average Service Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>End Suction Close Couple</td>
<td>29,288</td>
<td>13.3 years</td>
</tr>
<tr>
<td>End Suction Frame Mounted</td>
<td>53,335</td>
<td>23.4 years</td>
</tr>
<tr>
<td>In Line</td>
<td>35,004</td>
<td>15.8 years</td>
</tr>
<tr>
<td>Submersible Turbine</td>
<td>15,392</td>
<td>10.5 years</td>
</tr>
</tbody>
</table>

Source: U.S. Department of Energy technical support document

Applications
- Central utility plants
- Mission critical facilities: hospitals, data centers, airports, universities, stadiums
- Condenser water pumps (due to low NPSH)

Statistics
- Hydraulic coverage to meet all design requirements
- Flows from 500 to 28,000 GPM / 114 to 6400 m³/h
- Heads from 30 to 530 feet / 9 to 161 meters
- Working pressures of 175 and 300 psig / 12 and 20 Bar
- ANSI flange ratings of 125# and 250#
- Temperature 0 to 300°F / -17 to 148°C
CONTROLLABILITY
You can maximize your energy efficiency by controlling the pump over a “control area” rather than a control curve. By pairing the VSX design with this “control area” methodology, you’ll have one of the most efficient systems available today. Ask one of our Bell & Gossett experts how the right control strategy can save money and increase your ROI.

VSX Performance Range

We value your feedback. Please take our 3 question survey at bellgossett.com/survey to let us know how we are doing.

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