

# Key Design Comparison Take-Away Items

Flygt	Flygt Advantage	E/One®
<p><b>No controls in the pump</b> all electrical issues &amp; routine maintenance done from panel at surface</p>	<p><b>Pulling pumps for control issues reduced to 0% versus 100%</b></p>	<p><b>Built in controls</b> unit must be pulled and replaced with new core</p>
<p>Wet well &amp; true <b>submersible pump</b> capable of 20M or 66' submersion</p>	<p><b>E/One® pumps will take on water if station floods</b></p>	<p>Wet well/dry well Pump has <b>limited resistance to flooding</b></p>
<p><b>Motor</b> unit insulation trickle impregnated &gt;95% fill rate</p>	<p><b>Increased Motor Life</b></p>	<p>Motor dip/bake motor insulation <b>~65% fill rate</b></p>
<p><b>Increased shaft support</b> by double row bearings and additional bronze wear sleeve</p>	<p><b>Reduced deflection increased motor &amp; seal life</b></p>	<p>Single row bearings <b>no additional shaft support</b></p>
<p><b>Double mechanical seal</b> running in food grade oil bath</p>	<p><b>Better lubrication &amp; increased protection</b></p>	<p><b>Single mechanical seal</b> running in pump media</p>
<p><b>3 Possible leak points</b></p> <ul style="list-style-type: none"> <li>• Cable entry</li> <li>• Mechanical seal</li> <li>• Motor housing</li> </ul>	<p><b>Reduces possibility of water intrusion</b></p>	<p><b>7 Possible leak points</b></p> <ul style="list-style-type: none"> <li>• Motor-top cover</li> <li>• Motor head-housing</li> <li>• Mechanical Seal</li> <li>• T Cable &amp; control cable entry</li> </ul>