Engineered and constructed in our controlled factory conditions, the OneLift™ Pump Station arrives on-site as a complete, pre-assembled pump station. The integral valve vault section provides an optimized wet well configuration and its expedited installation process reduces dewatering and hole open time. With a quick design approval process, quick release of submittal packages and a single supplier, Oldcastle Infrastructure OneLift Pump Station helps shortens your project cycle as a true turnkey solution.
QUALITY COMPONENTS

4" SCH80 PVC Vent

Integral valve vault section

Rounded corner design

Patented sloped bottom

Integral anti-buoyancy footing

4" SCH80 PVC Vent

Aluminum access hatches with safety grating

Aluminum wall-mounted access ladder

Pre-assembled piping, valves, and accessories

Inlet pipe (location as required)

Control/alarm floats

Stainless steel pump removal guide rail (standard)

Pumps

MODEL NUMBER | RC509 | RC611
--- | --- | ---
Dimensions | 5’ x 9’ | 6’ x 11’
Piping | 2” to 4” diameter | 2” to 6” diameter
Max. Footprint w/ Collar | 6’-11” x 12’-9” | 8’-6” x 15’-0”
Max. Pick Weight | 11 tons (base) | 17 tons (base)
Typical HP & Flow Rates | < 7.5 hp & < 200 gpm ± | < 30 hp & < 600 gpm ±
Capacity | 297 gal/vft | 468 gal/vft

COMPARED TO CONVENTIONAL TWO-STRUCTURE SYSTEMS

<table>
<thead>
<tr>
<th></th>
<th>6’ DIA. WET WELL</th>
<th>8’ DIA. WET WELL</th>
<th>10’ DIA. WET WELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>211 gal/vft</td>
<td>357 gal/vft</td>
<td>587 gal/vft</td>
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Rounded Corner & Sloped Bottom Design
Allows for thinner/lighter walls and prevents solids accumulation.

Integral Valve Vault Section
Results in a single structure system reducing footprint up to 50% while eliminating potential differential settlement problems.

Factory Pre-Assembled
All piping, valves and specialized components are factory preassembled year-round in controlled conditions.

Anti-Bouyancy Footing
Prevents flotation without requiring resistance of additional weight.