Description: Single-Stage Liquid Ring Vacuum Pump
Type: Dual Cone
Models: NL-1000, 1500, 2000, 3000, 4000, 6000 & 9000
Power Range: 25-550 HP
Capacity Range: 300-10,000 CFM
Max Vacuum: 28" Hg

Overview:
Our NL series is an excellent choice for replacing or repairing your classic Nash* CL Series liquid ring vacuum pump. These new replacement single stage/dual cone pumps are designed to be drop-in replacements for the Nash* CL Series. Available in NL-1000, 2000, 3000, 4000, 6000 and 9000 (up to 10,000 CFM). Standard Construction is Cast Iron with Teflon packing. NES pumps are performance tested and include a 2-year warranty.

Features:
- Drop-in replacement for classic Nash* CL series.
- Standard construction is Cast Iron with packing seals.
- Optional 304 or 316 Stainless Steel construction.
- Optional Viton mechanical seals available.
- Parts and repair kits readily available.
- Available as bare pump or as a part of engineering systems.
- Standard models typically ship from stock.
- 2-year factory warranty.

Materials of Construction:

<table>
<thead>
<tr>
<th>Part</th>
<th>Standard Material of Construction</th>
<th>Optional Material of Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing &amp; Head</td>
<td>Cast Iron</td>
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<tr>
<td>Rotor</td>
<td>Ductile Iron</td>
<td>304/316 Stainless Steel</td>
</tr>
<tr>
<td>Cone</td>
<td>Cast Iron</td>
<td></td>
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<tr>
<td>Shaft</td>
<td>Alloy Steel</td>
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<tr>
<td>Shaft Sleeve</td>
<td>304/316 Stainless Steel</td>
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<tr>
<td>Seal</td>
<td>Gland Packing</td>
<td>Mechanical Seals</td>
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</tbody>
</table>

Applications:
- Autoclaves
- Forming
- Drying
- Exhausting
- Filtering
- Priming
- Molding
- Chucking
- Cooking
- Evaporating
- Extruder Venting
- Forming
- Slot Extraction
- Central Vacuum Systems
- Container Filling
- Deareating
- Eviscerating
- Fiber Setting
- Gas Stripping
- Solvent Recovery
- Foods & Fats
## NL Series Liquid Ring Vacuum Pumps

### Dual Outlet NL-400 through NL-1500 Layouts

See pump drawing for more details & dimensions

*Nash is a registered trade mark of Gardner Denver Nash. NES Company Inc. has no affiliation with Nash, Nash Engineering or Gardner Denver Nash. The information contain herein is provided as a convenience and for informational purposes only. Performance data are subject to manufacturing variation and test conditions including but not limited to atmospheric pressure, ambient temperature, seal fluid temperature, tolerances, and materials of construction. Performance of pumps constructed fully or partially of Stainless Steel may be lower due to larger clearance settings. This information may contain inaccuracies, errors or omissions. All NES Company Inc. supplied products and recommendations or suggestions must be evaluated by the end user to determine applicability and suitability for any particular use. See NES Company Inc. terms & conditions of sale for additional details which may also apply.*

### Model Specifications

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>NL-400</td>
<td>200-430</td>
<td>20-30</td>
<td>3 FL</td>
<td>3 FL</td>
<td>5-15</td>
<td>3/4 NPT</td>
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<td>NL-700</td>
<td>400-800</td>
<td>15-60</td>
<td>4 FL</td>
<td>3 FL</td>
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<td>1 NPT</td>
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<tr>
<td>NL-1000</td>
<td>725-1175</td>
<td>40-75</td>
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<td>1000-1700</td>
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<td>4 FL</td>
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<td>1150-2200</td>
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<td>2100-4600</td>
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<td>NL-9000</td>
<td>7000-10000</td>
<td>250-500</td>
<td>14 FL</td>
<td>12 FL</td>
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<td>3 NPT</td>
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