NHF Series
Liquid Ring Vacuum Pumps

Description: Single-Stage Liquid Ring Vacuum Pump
Type: Close Coupled, Pedestal Mount, High Efficiency
Models: 50, 75, 80 & 120
Power Range: 3-7.5 HP
Capacity Range: 30-110 CFM
Max Vacuum: 27.5" Hg

Overview:
Our close-coupled high efficiency NHF Series liquid ring pumps are an excellent choice, producing up to 40% more capacity per horsepower. These new premium efficiency pumps are coupled to high efficiency IEC frame motors and have been designed from the ground-up to be interchangeable with classic Nash* AHF & MHF series pumps. NES pumps are factory tested and include a 1 year warranty.

Features:
- Drop-in replacement for classic Nash* AHF & MHF series.
- Produces up to 40% more capacity per horsepower.
- Compact design reduces size & costs.
- Standard construction is Cast Iron with Stainless Steel impeller.
- Optional 304 or 316 all Stainless Steel construction.
- Standard Viton mechanical seal.
- Parts and repair kits readily available.
- Available as bare pump or as a part of engineered systems.
- Standard models typically ship from stock.
- 1-year factory warranty.

Materials of Construction:

<table>
<thead>
<tr>
<th>Part</th>
<th>Standard Material of Construction</th>
<th>Optional Material of Construction</th>
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</thead>
<tbody>
<tr>
<td>Housing &amp; Head</td>
<td>Cast Iron</td>
<td>304/316 Stainless Steel</td>
</tr>
<tr>
<td>Rotor</td>
<td>304 Stainless Steel</td>
<td>316 Stainless Steel</td>
</tr>
<tr>
<td>Port Plate</td>
<td>Cast Iron</td>
<td>304/316 Stainless Steel</td>
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<tr>
<td>Shaft</td>
<td>Cast Steel</td>
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<tr>
<td>Motor</td>
<td>TEFC metric frame/explosion proof</td>
<td>230/460 Volt-3 Phase 60 Hz.</td>
</tr>
</tbody>
</table>

Applications:

- Autoclaves
- Chucking
- Container Filling
- Forming
- Cooking
- Deareating
- Drying
- Evaporating
- Eviscerating
- Exhausting
- Fiber Setting

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West Caldwell, NJ 07006

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info@nescompany.com
# NHF Series
## Liquid Ring Vacuum Pumps

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<td>1450</td>
<td>28</td>
<td>3</td>
<td>2 NPT</td>
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<td>1/2 NPT</td>
<td>80</td>
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**Model A B C D E F**

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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<td>11.25&quot;</td>
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**TYPICAL NHF-50, 80 & 120 LAYOUTS**

See pump drawing for more details & dimensions

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