Standard Components
- Travaini base mounted liquid ring vacuum pump
- Heavy duty flexible coupling, requires no field alignment or lubrication
- NEMA C-face, TEFC, 3 phase. 60 hz, 230/460 volt, class F, 1.15 service factor motor
- Separator reservoir
- Seal liquid solenoid valve, includes Y-strainer and stop valve
- Seal water flow control
- Inlet check valve
- Vacuum gauge
- Globe Valve*
- Y-Strainer*
- Temperature Gauge*

Pre-Engineered Options
- Inlet filter (used for applications where a high carry-over of solids can be expected)
- Vacuum relief valve installed on pump suction (used to control maximum vacuum level)
- Flow switch
- Temperature gauge
- Vibration Mounts (Shipped Loose)

Engineered Options (these options will extend standard lead times)
- 460 volt, 3 phase, and 60 hz control panel with the following components:
  - Simplex: Full voltage starter c/w overloads control transformer, start/stop button, pump running light, and hour meter, mounted in NEMA 12 panel.
  - Duplex: Full voltage starters c/w overloads, one control transformer, two HOA switches, two running lights, two hour meters, auto alternation, and frequent start protection, mounted in NEMA 12 panel. Two vacuum switches are also standard.
- Inlet isolation valve (used to isolate pump operating on a common manifold)
- Vacuum receiver, ASME coded, standard, galvanized or epoxy coated
- Flexible pipe connectors (used to eliminate pipe stain on system components)
- Warning lights and audible alarms
- Fused disconnects or circuit breakers
- Dual control transformers (multiple pump systems)
- Programmable controllers (multiple)
- Custom built electrical panels

<table>
<thead>
<tr>
<th>System Model</th>
<th>Inlet/Outlet</th>
<th>Seal Water Line Size</th>
<th>Pump Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRW 200V-NR/PR</td>
<td>2 ½”</td>
<td>½”</td>
<td>TRVA 65-300</td>
</tr>
<tr>
<td>TRW 300V-NR/PR</td>
<td>2 ½”</td>
<td>½”</td>
<td>TRVA 65-450</td>
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<td>TRW 400S-NR/PR</td>
<td>4”</td>
<td>¾”</td>
<td>TRSC 100-550</td>
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<tr>
<td>TRW 500S-NR/PR</td>
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<td>¾”</td>
<td>TRSC 100-550</td>
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<tr>
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<td>1”</td>
<td>TRSE 125-1250</td>
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<tr>
<td>TRW 900S-NR/PR</td>
<td>5”</td>
<td>1”</td>
<td>TRSE 125-1550</td>
</tr>
</tbody>
</table>

* = For Partial Recovery Systems