MYERS®
MODELS WHR & WHR-DS
2" SOLIDS HANDLING SEWAGE PUMPS
SINGLE AND DOUBLE SEAL
WWW.FEMYERS.COM
MYERS® MODELS WHR & WHR-DS
Solids Handling Sewage Pumps

The Right Choice
The WHR Series pumps are designed for use in light commercial and residential raw sewage applications. WHR pumps will pass a full 2-inch sphere. The recessed vortex impeller provides an unobstructed passage in the volute case which allows these pumps to handle stringy, trashy solids without plugging the impeller. The vortex impeller also greatly extends the pumps bearing life. Available in double seal configuration for extended motor life. For more information, call your Myers distributor or the Myers Ohio sales office at 419-289-6898.

<table>
<thead>
<tr>
<th>Product Capabilities</th>
<th>Construction Materials</th>
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<tbody>
<tr>
<td>Capacities To 175 gpm</td>
<td>Motor Housing cast iron</td>
</tr>
<tr>
<td>Heads To 33 ft.</td>
<td>Volute Case cast iron</td>
</tr>
<tr>
<td>Solids Handling 2 in.</td>
<td>Impeller cast iron, vortex</td>
</tr>
<tr>
<td>Liquids Handling raw, domestic and light commercial sewage</td>
<td>Power Cord Single Seal 16/3, 1Ø 14/3, 1Ø L/D</td>
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<tr>
<td>Intermittent Liquid Temp. 140°F</td>
<td>SJOW/SJOWA 16/4, 3Ø L/D</td>
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<tr>
<td>Winding Insulation Temp. (Class F) 266°F</td>
<td>1/2 HP, 115V, 1Ø, 60 Hz, PSC</td>
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<tr>
<td>Motor Electrical Data 1/2, 3/4, 1 HP, 230V, 1Ø, 60 Hz, PSC</td>
<td>200/230/460/575V, 3Ø, 60 Hz</td>
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<tr>
<td>Acceptable pH Range 6 – 9</td>
<td>Motor Shaft 416 SST</td>
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<tr>
<td>Specific Gravity .9 – 1.1</td>
<td>Mechanical Seals: Standard single, type 21, carbon and ceramic</td>
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<tr>
<td>Discharge, NPT (Optional)</td>
<td>Optional double tandem, carbon and ceramic</td>
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<tr>
<td>Min. Sump Diameter Simplex 24 in.</td>
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<td>Duplex 30 in.</td>
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</table>

Note: Consult factory for applications outside these recommendations.
Pump Features and Applications

A. Separate Capacitor Housing
   Permits capacitor replacement (single phase only) without dismantling motor.

B. Motor Housing
   Cast iron; pressed-in stator for best heat transfer and alignment.

C. Bearings
   Support rotor. Take radial and thrust loads.

D. Motor
   1/2, 3/4, or 1 HP. Single or three phase, 60 Hz, 1750 RPM. Oil-cooled and lubricated. Permanent split capacitor (1Ø).

E. Volute Case
   Cast iron with support legs. Passes 2” solids.

F. Impeller
   Recessed completely out of volute passage.

G. Seal Leak Probe
   Optional probes (single phase only) detect water leakage in seal housing. Activates warning light.

H. Shaft Seals
   Carbon and ceramic faces. Dual tandem seals extends motor life.

Durable Motor.
- Oil-filled for cooler operation and constant bearing lubrication.
- Single phase PSC motors have no starting switch to fail.
- Recessed impeller reduces radial bearing loads, increases bearing life.

Solids Handling Operation.
- Recessed vortex impeller passes 2” solids.
- Impeller operates completely out of volute passage.
- Passes stringy trash and other solids which conventional semi-open impellers cannot.

Available With Automatic Piggy-Back Switch For Maintenance-Free Operation.
- Piggy-backed mechanical float switch allows pump to operate automatically or can be unplugged for manual operation.
Performance Data and Dimensions

1750 RPM

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

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