



MYERS[®]

MODELS 4WHV & V4WHV

MYERS® MODEL 4 H & 4 H

4" Solids Handling Pumps

Construction Materials	
Motor Housing, Seal Housing, Cord Cap and Volute Case	

Pump Features and Applications

A. Cable Entry System

Provides double seal protection. Cable jacket sealed by compression grommet. Individual wires sealed by epoxy potting.

B. Heat Sensors on Motor Winding

Protect motor from burnout due to excessive heat from any overload condition. Automatically resets when motor has cooled.

C. Motor Stator

Shrunk in shell for perfect alignment and best heat transfer. Oil-filled for continuous lubrication of bearings and seals.

D. Heavy Stainless Steel Shaft

Prevents deflection from impeller radial loads when pump operates at heads higher than peak efficiency range.

E. Double Tandem Shaft Seals

Protect motor, operate in clean oil.

F. Seal Leak Probe

Detects water in seal housing.
Activates warning light in control panel.

G. Pump-Out Vanes

Help keep trash from seal, reduce pressure at seal faces.

H. Horizontal Discharge Volute Case

4" flanged.

VERTICAL DISCHARGE VOLUTE CASE
(not shown)

Includes support legs. 4" flanged.

I. High Efficiency Impeller

Two-vane rounded port, solids handling design.

J. Brass Wear Ring

Prevents rust buildup and reduces leakage and wear. Replaceable to restore original running clearance and pump efficiencies.

High Efficiency Hydraulic Design Cuts Pumping Costs and Extends Life of Fluid End Components.

- Two-vane rounded port impellers handle solids with ease at high operating efficiencies.
- Modified constant velocity volute offers quiet operation, low radial loads over extended portion of performance curve.

Durable Motor Will Deliver Many Years of Reliable Service.

- Oil-filled motor for maximum heat dissipation and constant bearing lubrication.
- Heat sensor thermostats embedded in windings protect motor from overheat conditions.
- Seal leak probe in seal chamber warns of moisture entry; helps prevent costly motor burnout.



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