

8" Wellpoint Pump Model: 8WPRD



MODEL FEATURES

- Fully automatic, dry priming and dry running, self-contained, portable dewatering pump
- Handles large volumes of air and water
- Operates efficiently under intermittent flow conditions
- Automatically primes and reprimed at suction lifts of 25 feet or greater

PUMP

MODEL: Peerless
SIZE: 6" x 5" x 12"
CASING: Class 30 cast iron
IMPELLER: Enclosed, Bronze
SEAL: Double mechanical seal
SUCTION WEAR PLATE: Bronze
SHAFT: AISI 1040 or equivalent
SHAFT SLEEVE: Bronze or stainless steel
SOLIDS HANDLING: 1"

ENGINE

MAKE: John Deere
MODEL: 4045
TYPE: 4-cylinder, 4-cycle water cooled, naturally aspirated diesel
DISPLACEMENT: 276 cu in.
GOVERNOR: Mechanical
LUBRICATION: Constant pressure, full flow
AIR CLEANER: Replaceable dry element
ELECTRICAL SYSTEM: 12V DC

SAFETY SHUTDOWNS: High head temperature, low oil pressure
MANUFACTURER'S PERFORMANCE:
Rated Power - hp nominal (kW)
intermittent: 80(60)
continuous: 72 (54)
Rated speed - rpm: 2500

VACUUM PUMP

MODEL: Wallenstein 402HRF
TYPE: Rotary vane, air cooled, oil lubricated
CAPACITY: 219 cubic inch SCFM @ 1150 rpm nominal
CASING: Class 30 cast iron
ROTOR: Class 30 cast iron with self-adjusting, Ferobestos ® vanes

VACUUM PUMP OIL RECLAIMING SYSTEM

CONSTRUCTION: carbon steel
OIL FILL LEVEL: 10 gallons
VOLUME: 3000 cu in.
OIL COOLER: integral to air separation chamber

AIR SEPARATOR

CONSTRUCTION: Carbon steel
FLOAT ASSEMBLY: Direct-acting stainless steel float with stainless steel support and corrosion-resistance components
FLOAT SIZE: 636 cu in.
AIR DOME: Bronze with nylon valve seats and polypropylene backflow preventer check ball

VALVES: Nylon, replaceable
WET CHAMBER: 7813 cu in.
AIR CHAMBER: 4310 cu in.
VACUUM RELIEF VALVE: 50 CFM

STANDARD FITTINGS

DISCHARGE VALVE: fabricated steel with 8" Victaulic ® nipple, flapper-type with replaceable weights
INLET: 8" Victaulic ® nipple

STANDARD EQUIPMENT

- Integral fuel tank (8" x 8" rectangular tubing) with 24 hour run time fuel capacity
- Center point lifting bail
- Battery box
- Vacuum gauge with liquid filled, stainless steel case

AVAILABLE OPTIONS

- Optional I-beam skid frame
- Optional DOT trailer
- Other engines & pumps may be available upon customer request

PHYSICAL DIMENSIONS

WEIGHT: 3800 lbs
LENGTH: 110"
WIDTH: 42"
HEIGHT: 64"

In the interest of product improvement, specifications may change without notice.



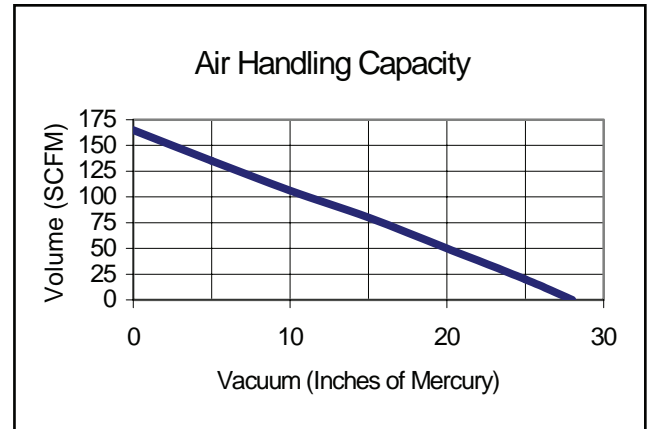
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8" WELLPOINT PUMP

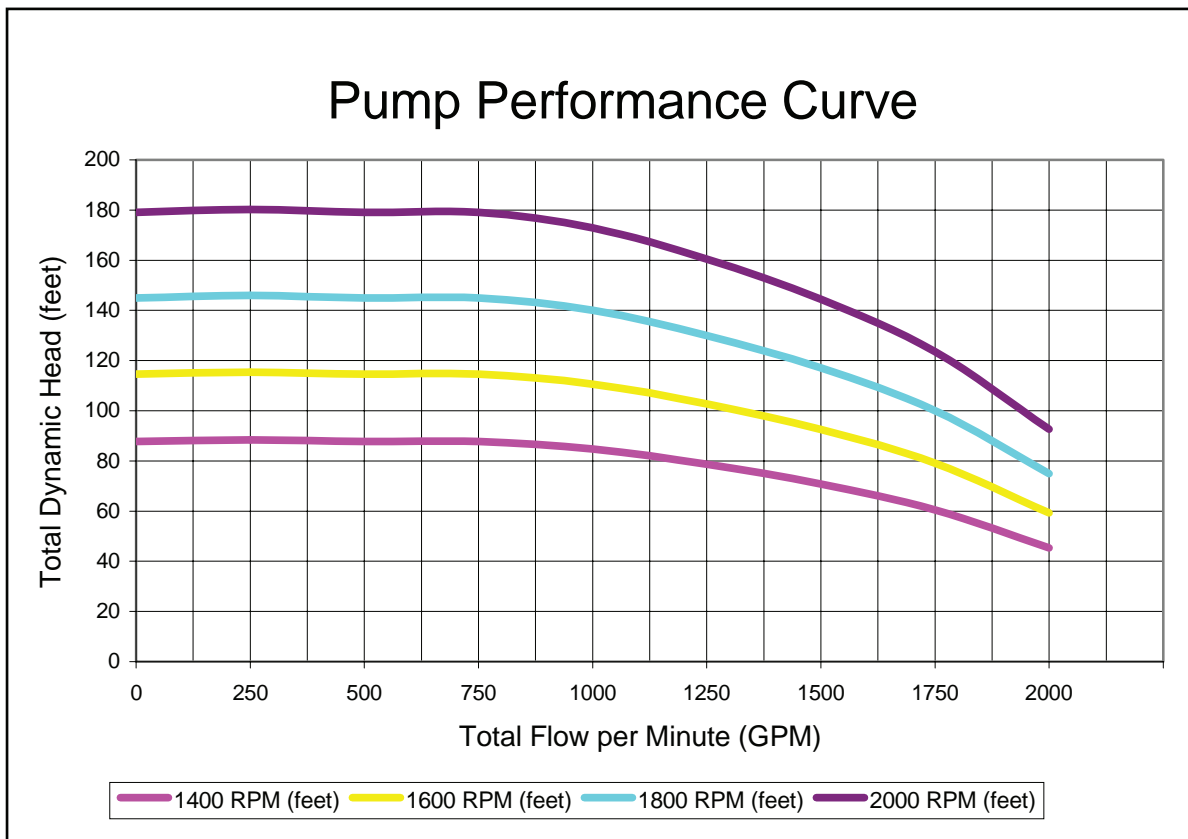
Model: 8WPRD

- Vacuum assisted, self priming
- End suction
- Wellpoint systems
- High air-handling
- Centrifugal pump



Driver RPM: 1800
Driven RPM: 850

Horsepower: 10
Type: Rotary Vane



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GRIFFIN
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