

# 8" 8WPRD

## WELLPOINT PUMP



- › High volume air handling & priming system suited for wellpoint systems
- › Capable of up to 180 ft. of head & up to 2,000 GPM intermittent flow
- › Automatically primes & reprimers at suction lifts of up to 25 ft. or greater
- › Over-sized air separation chamber with stainless steel float strips high volumes of light gases & air for fast priming

### PUMP

SIZE: 6"x 6"

CASING: Class 30 cast iron

IMPELLER: Enclosed

SEAL: Double mechanical

SHAFT: AISI 1040 or equivalent

SHAFT SLEEVE: Bronze or stainless

### VACUUM PUMP

MODEL: Wallenstein 402HRF

TYPE: Rotary vane, air cooled, oil lubricated

CAPACITY: 219 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 gal.

VOLUME: 3,000 cu in.

OIL COOLER: Integral to air separation chamber

### AIR SEPARATOR

CONSTRUCTION: Carbon steel

FLOAT ASSEMBLY: Direct-acting stainless steel with stainless steel support & corrosion-resistance components

FLOAT SIZE: 636 cu in.

AIR DOME: Bronze with nylon valve seats & polypropylene backflow preventer check ball

### STANDARD FITTINGS

DISCHARGE VALVE: Fabricated steel with 8" Victaulic nipple, flapper-type with replaceable weights

INLET: 8" Victaulic nipple

### STANDARD EQUIPMENT

- › Integral fuel tank
- › Battery box
- › Center point lifting bail
- › Vacuum gauge with liquid filled, stainless steel case

### AVAILABLE OPTIONS

- › Optional I-beam skid frame
- › Optional DOT Trailer
- › Other Engines & pumps available per request

### ENGINE SPECS

MAKE: John Deere

MODEL: 4045

4-cylinder, 4-cycle water-cooled

DISPLACEMENT: 276 cu in.

LUBRICATION: Constant pressure, Full flow

AIR CLEANER: Replaceable dry

ELECTRICAL SYSTEM: 12V DC

SAFETY SHUTDOWNS: High-head temperature, low oil pressure

### PERFORMANCE

Rated Power- 74hp (55kW)

Rated Speed- rpm 2400

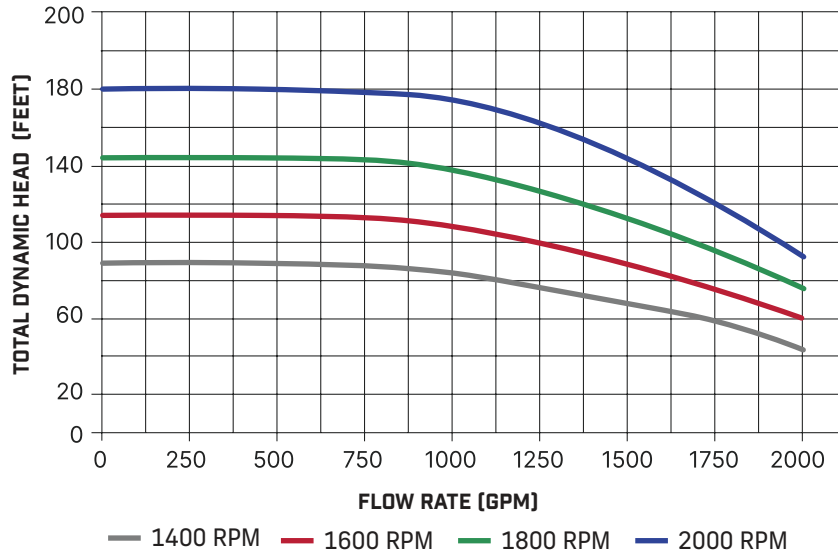
### DIMENSIONS

WEIGHT: 3,800 lbs. WIDTH: 42"

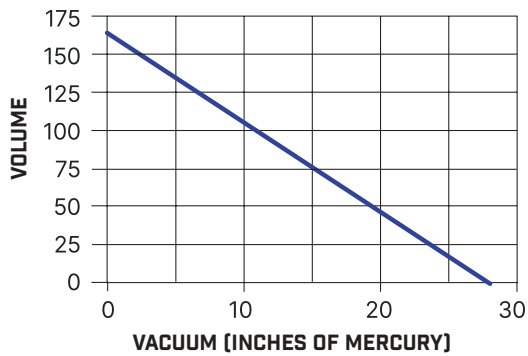
LENGTH: 110" HEIGHT: 64"

# 8"8WPRD

## 8WPRD PUMPHEAD CURVE



## AIR HANDLING CAPACITY



DRIVER RPM: 1800  
DRIVEN RPM: 850  
HORSEPOWER: 10  
TYPE: Rotary vane