

GRIFFIN

4" Non-Clog Pump

Model: 4NCRD & 4NLRD



MODEL FEATURES

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

PUMP

SIZE: 4" x 4" x 8.25"
CASING: Class 30 cast iron
IMPELLER: 2-port enclosed, non-clog, ASTM A48 class 30 cast iron
SEAL: tungsten vs. silicon carbide Cycloseal with Run-Dry Gland for dry running and abrasive resistance
SUCTION WEAR PLATE: Cast iron
SHAFT: AISI 1040 or equivalent
SOLIDS HANDLING: 3"

ENGINE

MAKE: John Deere
MODEL: 3015
TYPE: 3-cylinder, 4-cycle water cooled, naturally aspirated diesel
DISPLACEMENT: 91.3 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 - nominal hp (kW)
intermittent: 33.0 (24.6)
continuous: 29.7 (22.1)
Rated speed - rpm: 3000

VACUUM PUMP OPTIONS

- Rotary vane, air cooled, oil lubricated
- Compressor-driven Venturi air flow
- Diaphragm pumps

Designed for a minimum air-flow of 35 CFM

VACUUM PUMP OIL RECLAIMING SYSTEM-optional

CONSTRUCTION: carbon steel
OIL FILL LEVEL: 10 gallons
VOLUME: 5005 cu in.
OIL COOLER: integral to air separation chamber

AIR SEPARATOR-optional

CONSTRUCTION: Carbon steel
FLOAT ASSEMBLY: Direct-acting stainless steel float with stainless steel support and corrosion-resistant components

FLOAT SIZE: 636 cu in.
AIR DOME: Bronze with nylon valve seats and rubber-covered backflow preventer check ball
VALVES: Nylon, replaceable
WET CHAMBER: 7730 cu in.
AIR CHAMBER: 3721 cu in.
VACUUM RELIEF VALVE: 50 CFM

STANDARD FITTINGS

DISCHARGE VALVE: Cast iron with 4" or 6" Victaulic ® nipple and rear clean-out, flapper-type with replaceable weights
INLET: 4" or 6" 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 frame
- Optional DOT trailer

PHYSICAL DIMENSIONS

WEIGHT: 2560 lbs
LENGTH: 90"
WIDTH: 44"
HEIGHT: 64"

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

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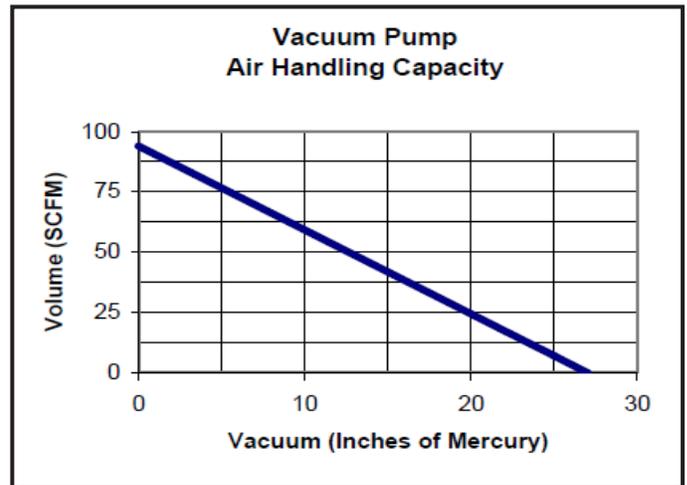
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4" Variable-Use Non-Clog Pump

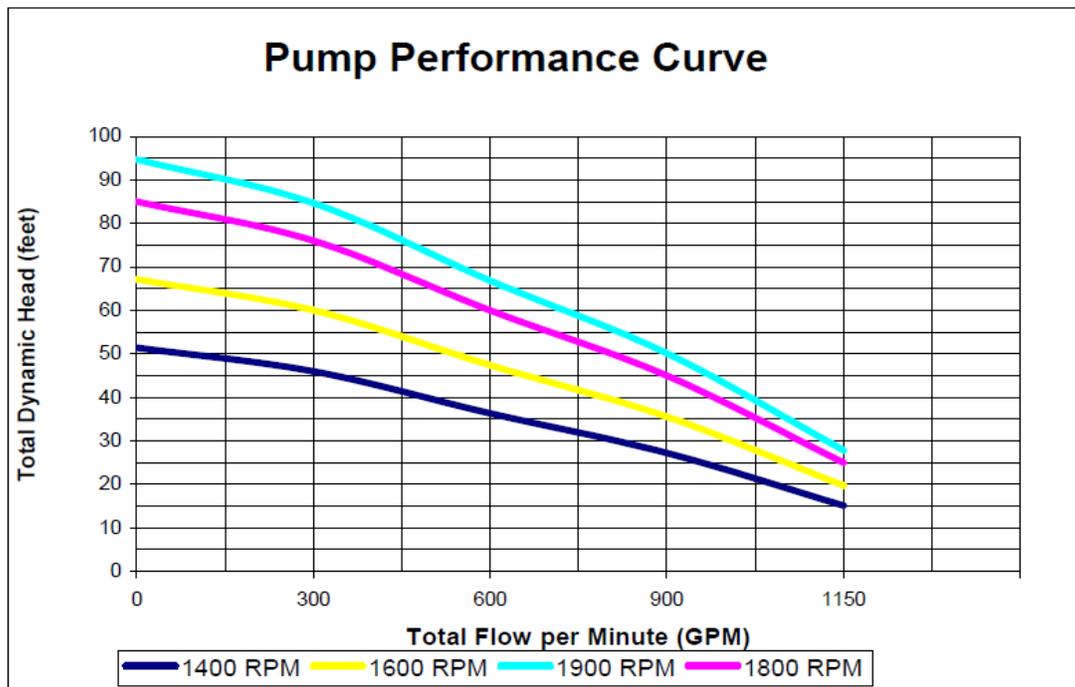
MODELS: 4NCRD & 4NLRD

- Vacuum assisted, self-priming
- End suction
- Non-clog
- Centrifugal pump
- Close coupled



Driver RPM: 1800
Driven RPM: 850

Horsepower: 5
Type: Rotary Vane



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