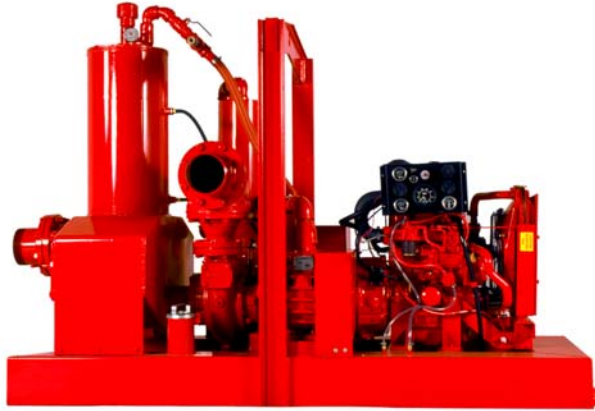


## 4" Variable-Use Non-Clog Pump Model 4NCRD, 4NCDD, 4NCCD



### 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

MODEL: 4NNTL-F5

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: 3015DF

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—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"

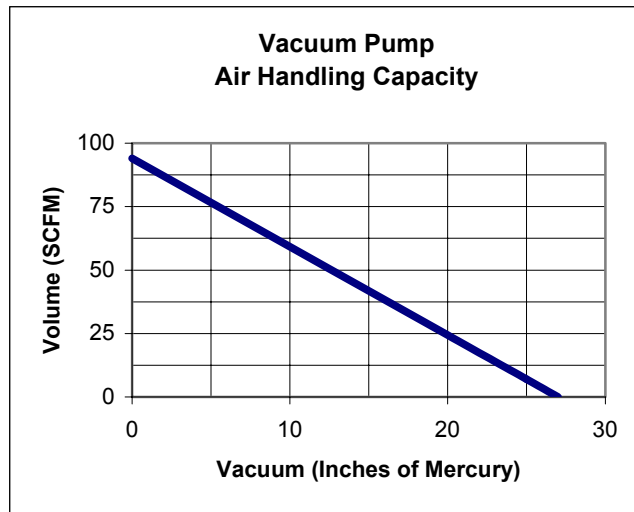
WIDTH: 44"

HEIGHT: 64"

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

**GRIFFIN PUMP & EQUIPMENT**  
**4" VARIABLE-USE PUMP**  
**Model: 4NCRD, 4NCDD, 4NCCD**

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



Driver RPM: 1800  
 Driven RPM: 850

Horsepower: 5  
 Type: Rotary Vane

