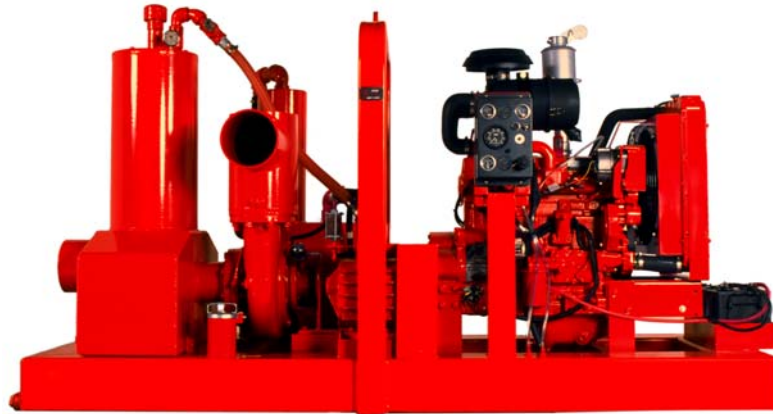


8" Variable-Use Non-Clog Pump Model 8NCRD



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: Paco
 SIZE: 6" x 8" x 10"
 CASING: Class 30 cast iron
 IMPELLER: 2-port enclosed, non-clog, ASTM A48 class 30 cast iron
 SEAL: Type ARC conical seal for dry running and abrasive resistance
 SUCTION WEAR PLATE: Cast iron
 SHAFT: AISI 1040 or equivalent
 SOLIDS HANDLING: 3"

ENGINE

MAKE: John Deere
 MODEL: 4045DF150 (80)
 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 (kW)
 intermittent: 80 (60)
 continuous: 72 (54)
 Rated speed—rpm: 2500

VACUUM PUMP

MODEL: Wallenstein
 TYPE: Rotary vane, air cooled, oil lubricated
 CAPACITY: 94 cubic inch SCFM @ 850 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: 5005 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-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 8" Victaulic® nipple and rear clean-out, 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 frame
- Optional DOT trailer

PHYSICAL DIMENSIONS

WEIGHT: 3250 lbs.
 LENGTH: 110"
 WIDTH: 44"
 HEIGHT: 64"

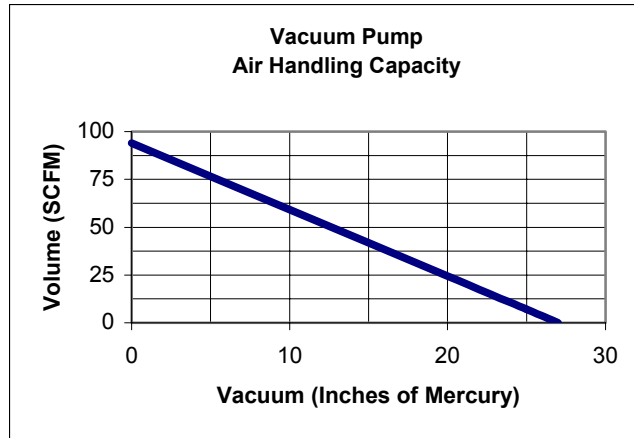
In the interest of product improvement, specifications may change without notice.

GRIFFIN PUMP & EQUIPMENT

8" VARIABLE-USE PUMP

Model: 8NCRD

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



Driver RPM: 1800
Driven RPM: 850

Horsepower: 5
Type: Rotary Vane

