

GRIFFIN

8" Non-Clog Pump Model: 8NCRD-12.5



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: 6" x 6" x 12.5"
CASING: Class 30 cast iron
IMPELLER: 2-port enclosed, non-clog, ASTM A48 class 30 cast iron
SEAL: Mechanical Seal Dry Run Capable
SUCTION WEAR RING: Cast iron
SHAFT: AISI 1040 or equivalent
SOLIDS HANDLING: 3"

ENGINE

MAKE: John Deere
MODEL: 4045TF280
TYPE: 4-cylinder, 4-cycle water cooled
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: 2400

VACUUM PUMP - options

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

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 8" Victaulic ® nipple flapper
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.



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Pump & Equipment, Inc.

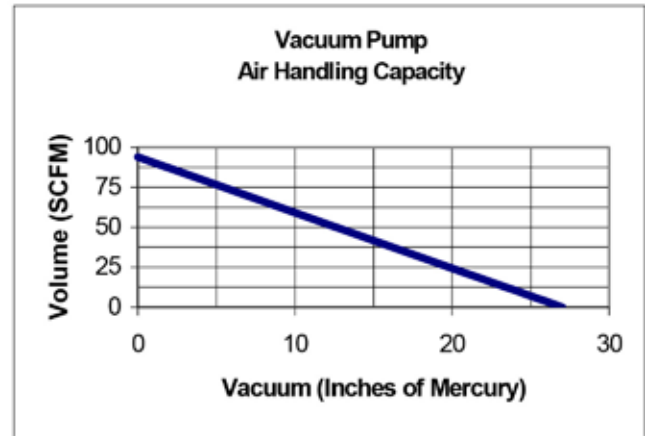
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8" VARIABLE-USE NON-CLOG PUMP

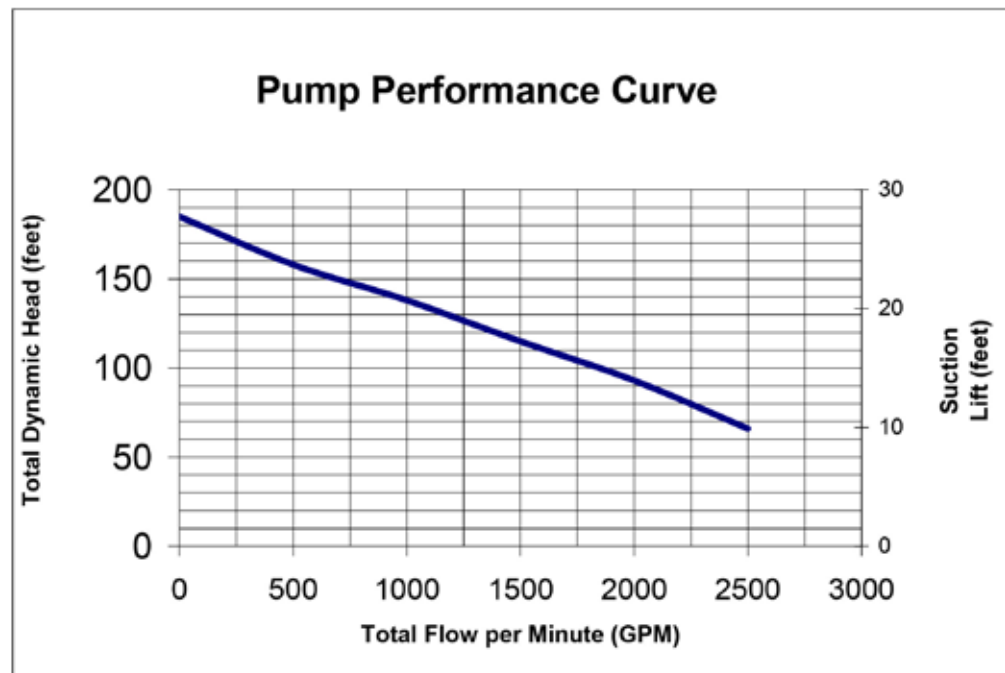
MODEL: 8NCRD-12.5

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



Driver RPM: 1800
Driven RPM: 850

Horsepower: 5
Type: Rotary Vane



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