

# GRIFFIN

## 10" Variable-Use Non-Clog Pump Model 10NCRD



### 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: 8NHTA  
SIZE: 10" x 8" x 15"  
CASING: Class 30 cast iron  
IMPELLER: 2-port enclosed, non-clog, ASTM A48 class 30 cast iron  
SEAL: Tungsten-Carbide Cycloseal for dry running and abrasive resistance  
SUCTION WEAR PLATE: Cast iron  
SHAFT: Stress Proof SAE 1144  
SHAFT SLEEVE: Stainless Steel  
SOLIDS HANDLING: 3.38"

### ENGINE

MAKE: John Deere  
MODEL: 6068TF  
TYPE: 6-cylinder, 4-cycle water cooled, naturally aspirated diesel  
DISPLACEMENT: 414 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: 155 (116)  
continuous: 140 (104)  
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: 3000 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 polypropylene backflow preventer check ball  
VALVES: Nylon, replaceable  
WET CHAMBER: 7435 cu in.  
AIR CHAMBER: 3493 cu in.  
VACUUM RELIEF VALVE: 50 CFM

### STANDARD FITTINGS

DISCHARGE VALVE: Fabricated steel with 10" Victaulic® nipple, spring-type with replaceable spring and seats  
INLET: 10" Victaulic® nipple

### STANDARD EQUIPMENT

- I-beam skid frame
- Center point lifting bail
- Battery box
- Vacuum gauge with liquid filled, stainless steel case

### AVAILABLE OPTIONS

- Optional integral fuel tank frame
- Optional DOT Trailer

### PHYSICAL DIMENSIONS

WEIGHT: 4500 lbs.  
LENGTH: 146"  
WIDTH: 48"  
HEIGHT: 80"

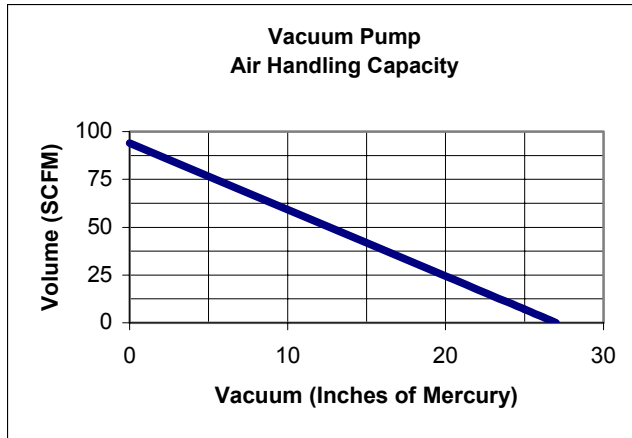
In the interest of product improvement, specifications may change without notice.

**GRIFFIN**  
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**GRIFFIN PUMP & EQUIPMENT**  
**10" VARIABLE-USE PUMP**  
**Model: 10NCRD**

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



Driver RPM: 1800  
 Driven RPM: 850

Horsepower: 5  
 Type: Rotary Vane

