

GRIFFIN

12" Variable-Use Non-Clog Pump Model 12NLRD



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: Cornell
SIZE: 12" x 12" x 14"
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"

ENGINE

MAKE: John Deere
MODEL: 6081AF001
TYPE: 6-cylinder, 4-cycle water cooled, turbo-charged diesel
DISPLACEMENT: 496 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: 225 (168)
continuous: 215 (160)
Rated speed—rpm: 2200

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: 19492 cu in.
AIR CHAMBER: 3493 cu in.
VACUUM RELIEF VALVE: 50 CFM

STANDARD FITTINGS

DISCHARGE VALVE: Fabricated steel with 12" Victaulic® nipple, spring-type with replaceable spring and seats
INLET: 12" 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

PHYSICAL DIMENSIONS

WEIGHT: 5750 lbs.
LENGTH: 146"
WIDTH: 44"
HEIGHT: 78"

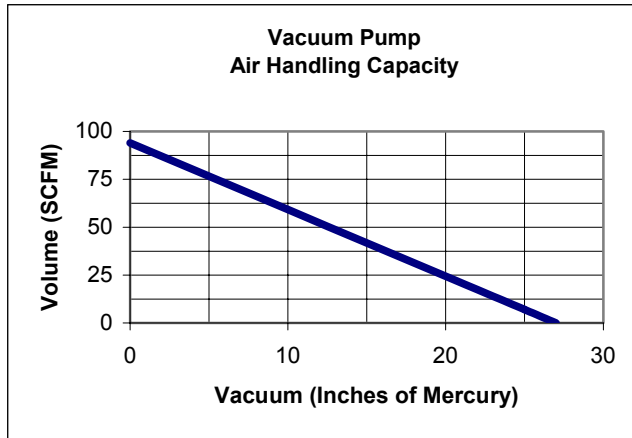
In the interest of product improvement, specifications may change without notice.

GRIFFIN
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GRIFFIN PUMP & EQUIPMENT
12" VARIABLE-USE PUMP
Model: 12NLRD

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



Driver RPM: 1800
 Driven RPM: 850

Horsepower: 5
 Type: Rotary Vane

