

18" Variable-Use Non-Clog Pump Model 18NCRD



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
- Easy to access suction clean-outs for inspection and removal of debris while connected to the system

PUMP

SIZE: 16" x 16" X 22.5"
 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: 17-4 ph shafting
 SOLIDS HANDLING: 4.5"

ENGINE

MAKE: International
 MODEL: T444E
 TYPE: 8-cylinder Overhead Vee,

4-cycle water cooled, turbo-charged diesel

DISPLACEMENT: 444 cu in.
 GOVERNOR: Electronic
 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: 230
 Rated speed—rpm: 2300

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
 VACUUM RELIEF VALVE: 50 CFM

STANDARD FITTINGS

DISCHARGE: 16" flange
 INLET: 18" flange
 DISCHARGE VALVE: Non-return swing check valve

STANDARD EQUIPMENT

- Center point lifting bail
- Battery box
- Vacuum gauge with liquid filled, stainless steel case
- Speed-reducing marine transmission with hydraulic clutch

PHYSICAL DIMENSIONS

WEIGHT: 9000 lbs.
 LENGTH: 170"
 WIDTH: 50"
 HEIGHT: 78"

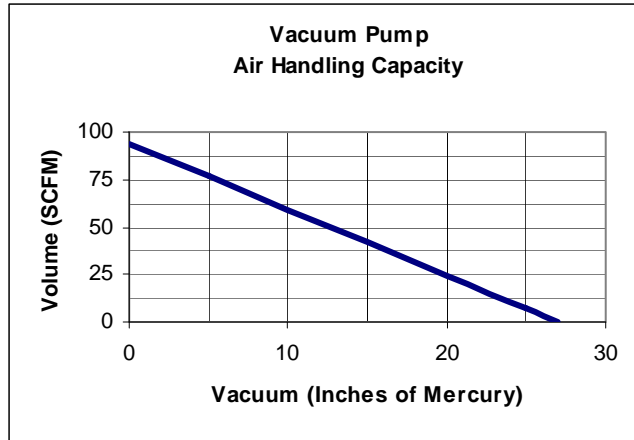
In the interest of product improvement, specifications may change without notice.

GRIFFIN PUMP & EQUIPMENT

18" VARIABLE-USE PUMP

Model: 18NCRD

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



Driver RPM: 1800
Driven RPM: 850

Horsepower: 5
Type: Rotary Vane

