

# GRIFFIN

## 6" Diaphragm-Primed Trash Pump Model 6THDD



### MODEL FEATURES

- Self-contained, portable, diesel-driven, self-priming, trash pump
- Silent operation
- Secondary containment of oils and fuels
- Operates efficiently at a wide range of conditions
- Able to pass 1.6" solids
- Rugged, quality construction

### ENGINE

MAKE: Deutz  
MODEL: F4L912  
TYPE: 4-cylinder, 4-cycle liquid-cooled, naturally aspirated diesel  
DISPLACEMENT: 230 cu in.  
GOVERNOR: Mechanical  
LUBRICATION: Constant pressure, full flow  
AIR CLEANER: Dry type reusable  
ELECTRICAL SYSTEM: 12V DC  
SAFETY SHUTDOWNS: High head temperature, low oil pressure  
MANUFACTURER'S PERFORMANCE:  
Rated Power—hp (kW)  
    continuous: 73.4 (54)  
Rated speed—rpm: 2500

### PUMP

TYPE: 6" Self-priming Trash Pump  
RATED CAPACITY: 1000 gpm @ 75' TDH @ 1500 rpm  
CASING: Carbon Steel  
IMPELLER: Carbon steel, open with wear plate, three blades  
SEAL: mechanical seal w/ tungsten carbide / tungsten carbide faces  
SUCTION WEAR PLATE: carbon steel  
SHAFT: stainless steel  
SHAFT SLEEVE: stainless steel  
FREE PASSAGE: 1.6"

### PRIMING-ASSIST SYSTEM

TYPE: Double diaphragm pump  
AIR-HANDLING CAPACITY: 70.6 CFM (120 cu. M. / hr)  
MAXIMUM VACUUM LEVEL: 36 in Hg. (9.2 meters)  
CASING: carbon steel  
OIL TYPE: 15W40  
OIL CAPACITY: 1 gallon (3.75 L)

### STANDARD FITTINGS

SUCTION: 6" flange w/ adapter  
DISCHARGE: 6" flange w/ adapter  
OPTIONAL FITTINGS MAY BE AVAILABLE

### NOISE RATINGS (w/ enclosure)

- Less than 70 dB @ 23' (65dB @ 7 meters)

### STANDARD EQUIPMENT

- Integral fuel tank with minimum 24 hour run time fuel capacity
- Center point lifting point
- Forklift pockets (enclosed units)
- Battery box

### AVAILABLE OPTIONS

- Optional DOT trailer
- Hose & fittings available

### PHYSICAL DIMENSIONS

WEIGHT: 4,675 lbs. (enclosed)  
LENGTH: 90"  
WIDTH: 41"  
HEIGHT: 76"

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

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# GRIFFIN PUMP & EQUIPMENT

## 6" DIAPHRAGM-PRIMED TRASH PUMP

### Model: 6THDD

- Self-priming Trash Pump
- Double Diaphragm Vacuum Pump
- Variable-use capability
  - Wellpoint Systems
  - Bypass
  - Sumping
- 70 CFM Air-handling Capability
- Silent-pac Configuration Available

