



Premium Series Portable Pumps HP300-B18

Features and Benefits

*Fully Enclosed Portable —
Extremely quiet and safe.*

*Integral Fuel Tank — Rapid
deployment with fewer
personnel.*

*Rotating Discharge Valve —
Quick and easy hose layout.*

*Full Instrumentation —
Includes prime from panel
design.*

*Superior Performance—High
pump efficiency.*

*Briggs & Stratton Vanguard
Engine—Quiet and powerful.*

The HP300 series Premium pump line is the newest, most exciting development in portable pumps in years. Innovative features have been engineered to provide unparalleled performance and ease of operation.

The Premium version is compact and lightweight. Premium units feature a sturdy enclosure for safe and quiet operation. Hidden beneath the attractive exterior is a steel, protective frame. The pump is equipped with four handles to provide for two man portability. When not in use, the handles fold away for convenient storage. The unique fuel tank is an integral part of the pump



PERFORMANCE RATINGS

390 GPM @ 25 PSI
310 GPM @ 50 PSI

250 GPM @ 75 PSI
150 GPM @ 100 PSI

base. The fuel tank provides 3 gallons (12 liters) of fuel and will permit the pump to run for two hours under normal operating conditions.

Power is provided by the respected Briggs and Stratton Vanguard engine. The Vanguard power comes from a reliable state-of-the-art, air cooled, 18 BHP, V-twin, Overhead Valve (OHV) engine. The overhead valve design delivers more power than conventionally designed side-valve engines. It has an electric start with recoil backup to ensure starting under all

conditions. All these exciting features come in a convenient compact design.

The HP Series Premium pump also features Hale's exclusive band clamp design for quick and easy access for maintenance and repair. A bronze impeller and replaceable bronze wear rings are housed in a high strength, lightweight aluminum alloy pump housing. The unit also features a self-adjusting, self-lubrication mechanical pump seal.

Every detail and feature of the Premium series has been carefully designed and built for years of operation

EQUIPMENT SPECIFICATIONS
PUMP

Type: Portable supply.
Frame: Integral welded steel tubing.
Suction Connection: 3 inch NPT female, 4 inch Victaulic.
Discharge Connection: Aluminum, 2-1/2 inch male NST screw gate valve. Swivels 175 degrees for ease of hose layout.

NOTE: Suction and discharge connection thread sizes for standard unit. Consult Hale Sales Representative for a full range of factory installed adapters to meet individual user needs.

Body and Volute: Aluminum.
Impeller: 8 inches (203.2 mm) Silicon Bronze.

Pump Shaft: Engine shaft with bronze sleeve.

Priming: Exhaust Venturi; 20 in. (508 mm) HG.

Maximum Flow: 400 GPM (1514 LPM) @ 20 PSI (1.5 BAR).

Maximum Pressure: 120 PSI (8 BAR).

Weight: 175 pounds (79 KG).

Length: Handles Extended: 35-1/8 inches (892 mm).
 Handles Folded: 25-3/8 inches (645 mm).

Width: Handles Extended: 27-1/2 inches (698.5 mm).
 Handles Folded: 19-5/8 inches (498.5 mm).

Height: 22-5/8 inches (574.5 mm).

AVAILABLE OPTIONS

Suction Adapters.
 Discharge Adapters.
 Lightmast and Socket
 Hourmeter.
 Trickle Charger.
 Protective pump coating for seawater applications.
 TRV-120P

ENGINE (Battery Included)

Make: Briggs and Stratton Vanguard™.
Model: 350400 Series.
Type: Horizontal shaft, air cooled, V-twin OHV.

Horsepower: 18 BHP (13.4. kW) at 4000 RPM.

Torque: 30 foot pound (40.7 N-M). Maximum stroke at 2600 RPM.

Bore x Stroke: 2.83 x 2-3/4 inches (72 x 77 mm).

Displacement: 34-3/4 cubic inches (570 cc).

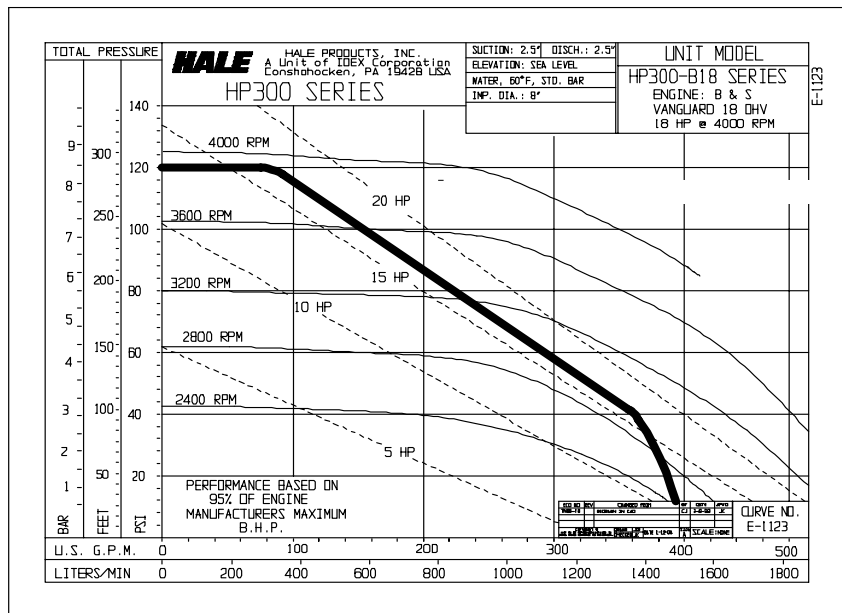
Oil Capacity: 3.0 pint (1.4 liter).

Fuel Tank: Cross linked Polyethylene.

Fuel Capacity: 3 gallons (12 liters) 2 hours running time.

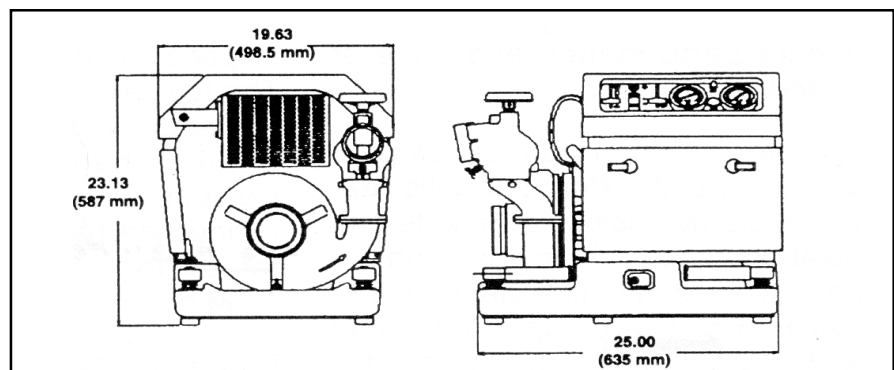
Electrical: 16 AMP alternator.

Emissions: Meets 1994 California Air Resources Board Standards.



INSTRUMENTATION

Throttle level.
 Priming lever.
 Master On/Off Switch.
 Start Push-Button.
 Choke Control.
 Low Oil Pressure Warning Light.
Suction Gauge: 2-1/2 inches (63.5 mm) Dia. Glycerine filled, 30 inches HG. Vac to 150 PSI (-1 to 10 BAR).
Discharge Gauge: 2-1/2 inches (63.5 mm) Dia. Glycerine filled, 0 to 400 PSI (0 to 28 BAR).



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