

ACDEGU



Self Priming Centrifugal Pump

Gasoline Engine Driven

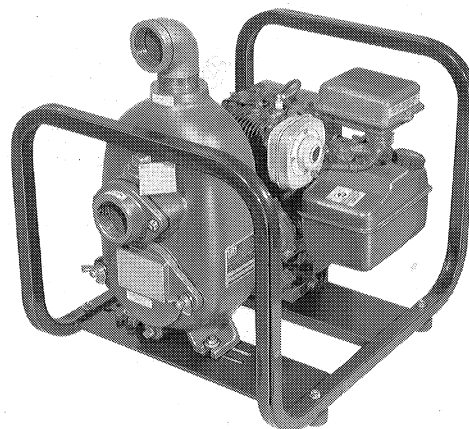
Model 12D-13

Size 2" x 2"

CERTIFIED
PERFORMANCE

10MTC

Total Head		Capacity of Pump in U.S. Gallons per Minute at Continuous Performance				
P.S.I.	Feet					
46.8	108	43	43	43	43	43
43.4	100	68	68	68	68	68
39.0	90	80	95	95	95	95
34.7	80	82	106	117	120	120
30.3	70	82	109	128	143	143
26.0	60	83	110	132	151	164
21.6	50	83	110	132	155	166
17.3	40	83	111	133	156	179
13.0	30	83	111	133	156	182
Suction lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

Size: 2" x 2" NPT (51 mm x 51 mm) - Female.

Casing: Aluminum No. 356-T6 w/Gray Iron No. 30 Cutwater Insert. Maximum Operating Pressure 78 psi (5,5 kg/cm²).*

Open Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 1 3/16" (30 mm) Diameter Spherical Solids.

Replaceable Wear Plate: Steel No. 1026.

Removable Cover Plate: Aluminum No. 356-T6, 4 lbs. (1,8 kg).

Intermediate Bracket: Gray Iron No. 30.

Seal: Double, Grease-Lubricated with Spring-Loaded Grease Cup. Sintered Bronze Stationary Seal Seats. Steel Rotating Faces. Maximum Temperature of Liquid Pumped, 110°F (43°C). * Maximum Suction Pressure 10 PSI (70,3 kg/cm²).

**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

Seal Liner: Brass No. 70-30.

Flap Valve: Buna-N w/Nylon Reinforcement; Gray Iron No. 30.

Flange: Aluminum No. 356-T6.

Gaskets: Resistant Synthetic Rubber, Cork, and Vegetable Fiber.

Hardware: Standard Plated Steel.

Standard Equipment: Roll Cage w/Rubber Feet. Strainer. 90° Discharge Elbow.

Optional Equipment: Two Wheel Truck Assembly with 10" x 2.75" (254 mm x 70 mm) Semi-Pneumatic Tires.

WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

ENGINE SPECIFICATIONS

Model: Briggs & Stratton 13.

Type: Single Cylinder, Four Cycle, Air Cooled, Gasoline Engine.

Displacement: 12.57 Cu. In. (206 cc).

Carburetor: Pulsa-Jet.

Governor: Mechanical.

Lubrication: Splash System.

Air Cleaner: Paper Element.

Oil Reservoir: 1.25 U.S. Pts. (0,6 liter).

Fuel Tank: 3 U.S. Qts. (2,8 liter).

Full Load Operating Time: 1.5 Hrs.

Starter: Rope Rewind.

Standard Equipment: Muffler w/Deflector. Manual Choke, Stop, and Friction Control with Top Speed Limit. Oilgard™ Low Oil Shut Down.

BRIGGS & STRATTON PUBLISHED PERFORMANCE:

Maximum Continuous 4.2 BHP (3,13 kW)
@ 3600 RPM

Maximum Dynamic 5.0 BHP (3,73 kW)
@ 3600 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

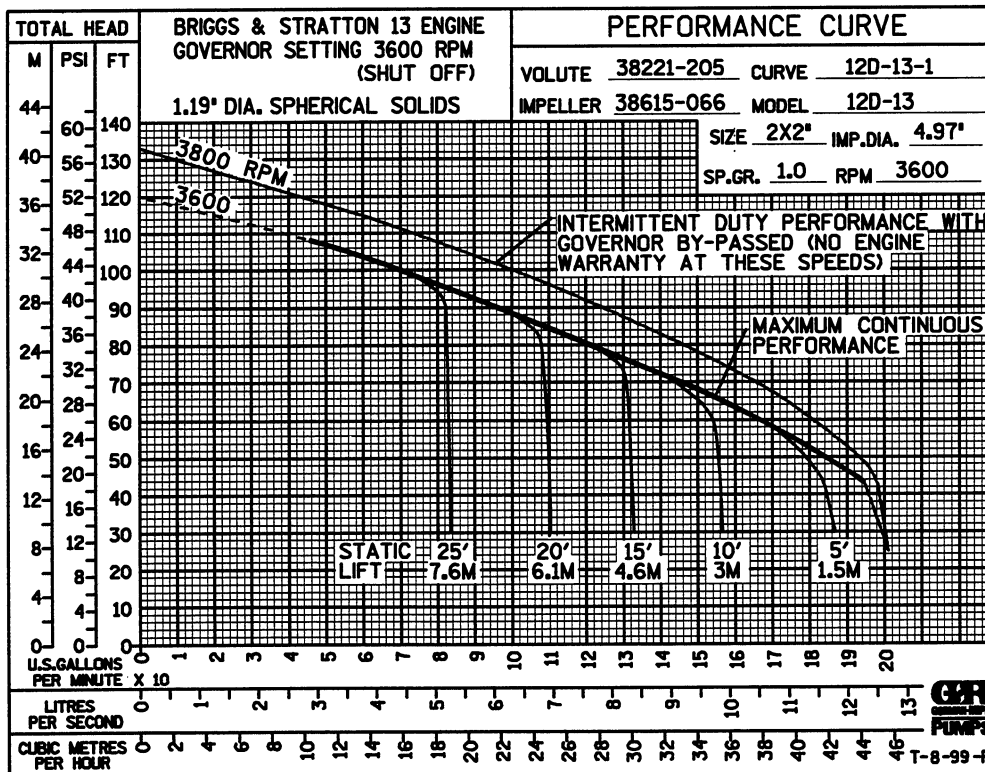
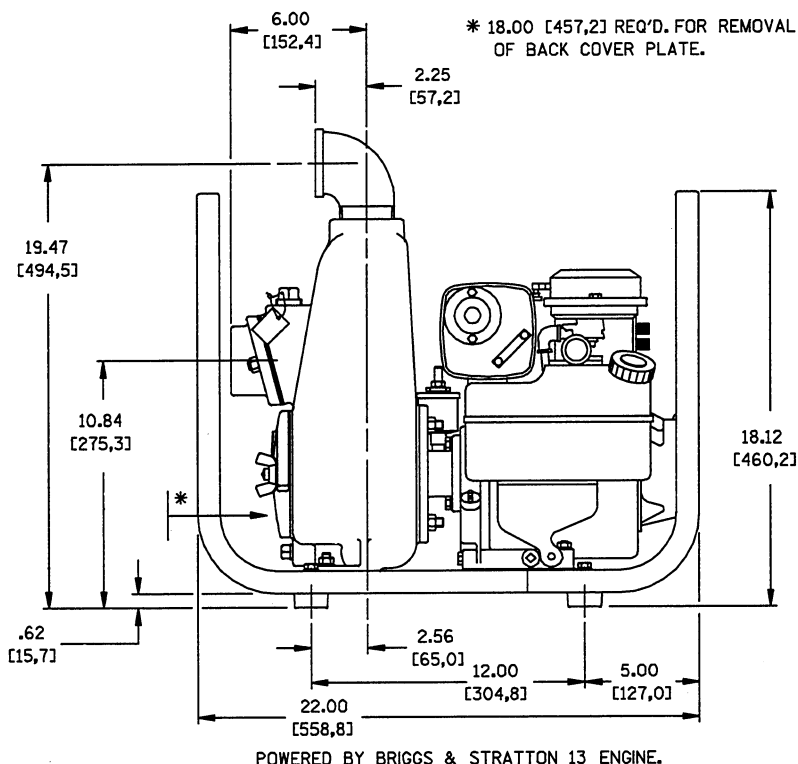
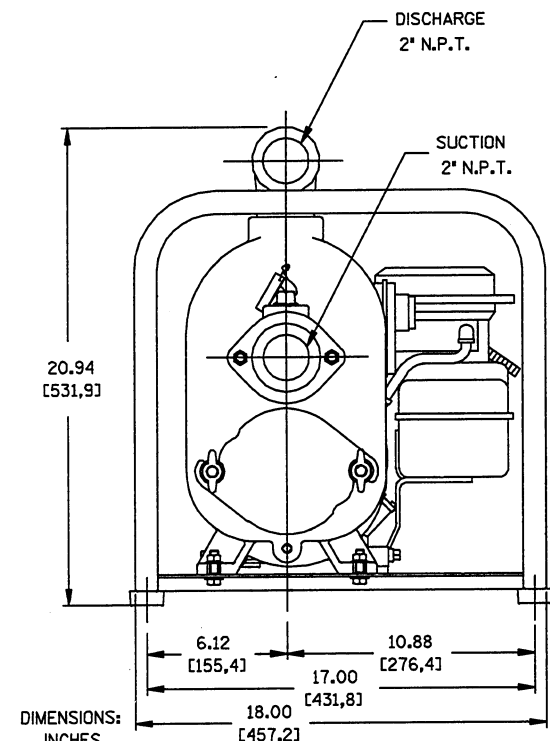
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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 78 LBS. (35,3 KG.)
SHIPPING WEIGHTS: 88 LBS. (39,9 KG.)
EXPORT CRATE: 4 CU. FT. (0,11 CU. M.)
WHEEL KIT ADD 25 LBS. (11,3 KG.); SHIPPING CRATE
(SEPARATE) 3 CU. FT. (0,1 CU. M.)



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