



NEW FOR
SPRING 2003

Self-Priming Diaphragm Pumps

- **Sand Cast Aluminum Construction for Portability and Durability**
- **Thermoplastic Rubber Diaphragm**
- **3" NPT Suction and Discharge**
- **1 5/8" Diameter Solids Handling Capability**
- **Modular Component Design Permits Easy Maintenance and Cleanout**
- **Driver Options: Gasoline Engine, Electric Motor or Pneumatic Motor Driven**
- **Delivers up to 90 GPM**
- **Maximum Temperature 180°F**

The redesigned AMT line of 3" Diaphragm pumps features 2-stage, 44 to 1 gear reduction with a large diameter output gear and heavy duty ball bearing construction. Often referred to as Mud pumps or Sludge pumps, diaphragm pumps are designed to pump mud, slurry, sewage, and thick liquids that have the ability to flow. AMT Diaphragm pumps are available with a choice of drivers to meet your application requirements: Briggs & Stratton or Honda gasoline engines, 115 VAC electric motor with weatherproof cord and switch, or a Gast pneumatic motor. Models 3354-K6 & 3355-K6 are kits provided less engine or motor. Built-in molded polyurethane flapper/check valve assures self-priming to 20 feet after initial prime. Heavy duty gear box is designed to operate pumps at 40 strokes per minute for electric motor Model 3355-96 and 60 strokes per minute for Models 3354-96, 3356-96, 3357-96, & 3358-96. Each unit includes a 3" NPT steel suction strainer, two 3" NPT nipples, and a wheel kit with 10" semi-pneumatic transport wheels for portability. Pumps are designed for use with non-flammable liquids which are compatible with pump component materials. **Suction and discharge port size cannot be reduced.**

1-1/2" Hand Operated Diaphragm Pump

The AMT Model 4790-97 diaphragm pump is designed for the transfer of fresh or salt water containing sand, small stones and debris or other liquids which are compatible with pump component materials. The pump is constructed of bronze with stainless steel hardware and Neoprene diaphragm and flapper valves. The unit is equipped with an 18" brass handle and cast iron pumping platform with built in handle storage. The pump is self-priming to 20 feet and delivers 26 oz. per stroke. Suction and discharge are 1-1/2" NPT and will accommodate a 2" slip-on hose.*

*Hand pumps are designed for use with liquids which are compatible with pump component materials.

INDUSTRIAL DUTY



Model 3354-96

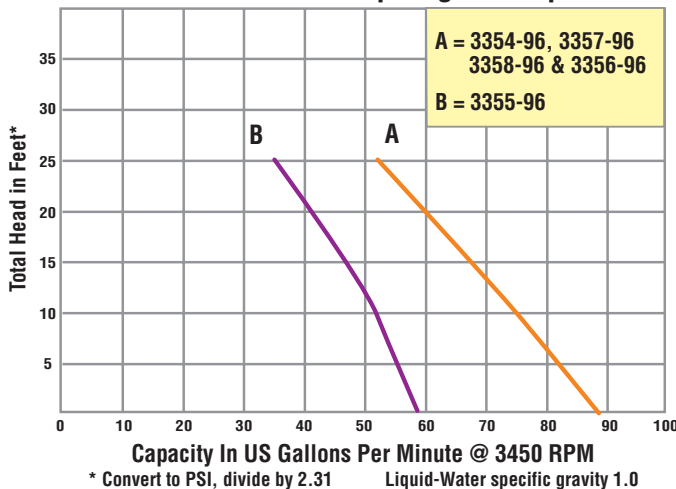


Model 3355-96

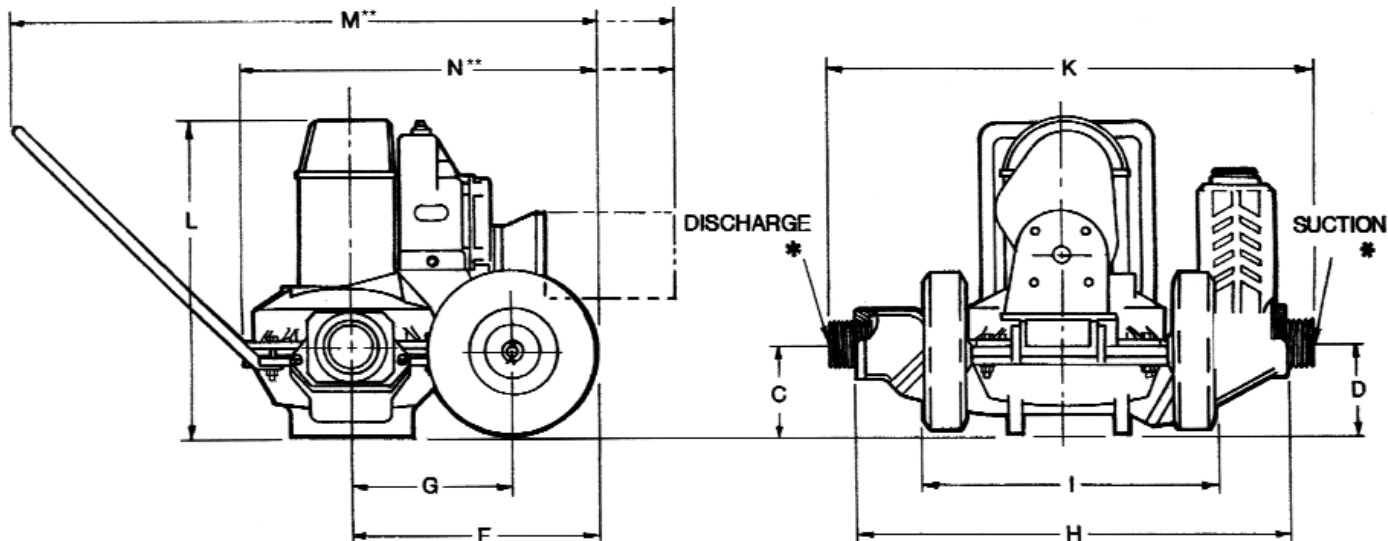


Model 4790-97

Performance Diaphragm Pumps



Diaphragm Pumps



Model #	Driver	SUC*	DIS*	C	D	F	G	H	I	K	L	M**	N**	Shpg. Wt.
3354-96	3.5 hp B&S	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	41.5	25.5	171 lbs.
3355-96	1.5 hp ELEC. MOTOR	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	43.5	27.5	186 lbs.
3356-96	1.75 hp AIR MOTOR	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	37.0	21.0	151 lbs.
3357-96	5.5 hp B&S INTEK	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	41.5	25.5	181 lbs.
3358-96	5.5 hp HONDA GX	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	41.5	25.5	182 lbs.
3354-K6	KIT, LESS ENGINE	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	N/A	N/A	146 lbs.
3355-K6	KIT, LESS MOTOR	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	N/A	N/A	146 lbs.

(*) Standard NPT (female) pipe thread.

(**) This dimension may vary due to motor or engine manufacturer's specifications.

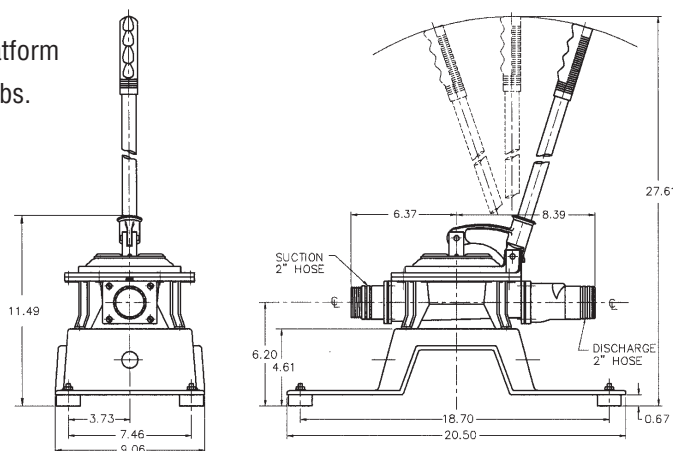
NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Standard Features for AMT Diaphragm Pumps

- Engine Driven Models - Choice of Briggs & Stratton, Briggs & Stratton Intek, or Honda GX engines
- Model 3355-96 – 1.5 HP single phase, 115/230 Volt motor with manual reset overload includes 20 foot 115 VAC power cord and weatherproof on/off switch
- Model 3356-96 – 1.75 HP Gast Air Motor generates 6.5 to 57 inch pounds of torque and runs 300 to 3000 RPM's
- Model 3354-K6 – Kit, furnished less engine. For use with gasoline or diesel engines with .75" keyed shaft (SAE J609a Mounting Flange)
- Model 3355-K6 – Kit, furnished less motor. For use with electric motor (1725 RPM) or air motor with a minimum of 1.5 HP. 56C Mounting Flange required.

Standard Features for Model 4790-97

- Self-priming to 20 ft.
- Built in Handle Storage
- 26 oz. per Stroke
- Bronze Construction with Stainless Steel Hardware
- Neoprene Diaphragm and Flapper Valves
- 18" Brass Handle and Cast Iron Pumping Platform
- Shipping Weight: 32 Lbs.



NOTE: All dimensions have a tolerance of $\pm 1/8"$

(*) 1 1/2" NPT (female) pipe thread or 2" ID Slip-on Hose.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

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

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

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