



Aqua Pro Pump Systems
a Tomiko Inc. Company

Dual Seal Grinder Pump

Features & Benefits

APPS sewage grinder pump uses a traditional radial ring and cutter system, and is designed with additional features to extend the life of the pump.

Features include:

Grinder Assembly

The radial ring and cutter are made of a high grade 440 stainless steel with a Rockwell 58 hardness allowing for much better retention of the cutting edge. This assembly can easily be removed or replaced when maintenance is required.

Seal Failure

The dual seal design offers superior protection in all applications. An access port to the oil filled seal chamber allows for an optional APPS seal failure probe to be added.

Motor housing

A cast iron air filled motor housing offers a heavy duty corrosion resistant design, better bearing life and easy maintenance.

Volute & Impeller

All cast iron volute and impeller for durability in the harsh environment of sewage applications.

Thermally Protected

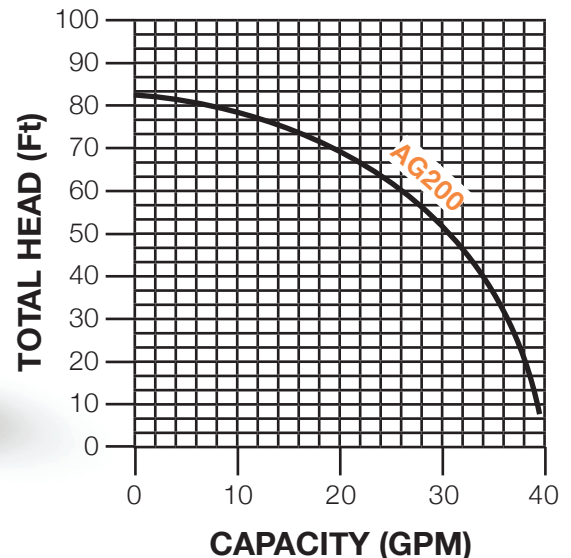
Built-in motor thermal overload protection keeps the motor from being permanently damaged due to over heating or dry running.

Cord Length

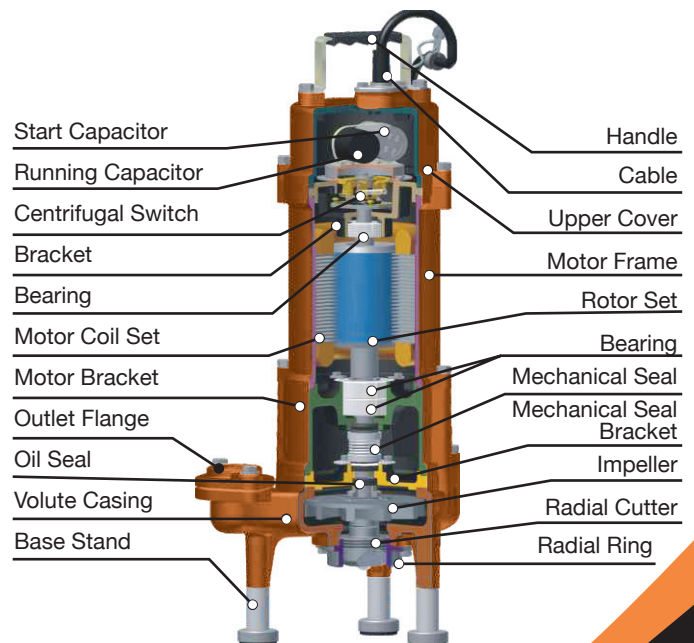
The AG pump comes with a minimum 25' cord length.



PERFORMANCE CURVE



STRUCTURAL DRAWING



MATERIALS OF CONSTRUCTION			
		Caliber	32mm - 50mm
Medium	Discharge		1-1/4" (32°F~104°F)
	Application		General household, apartments, resorts, commercial buildings, industrial factories, and wastewater systems. Soft Solids
Pump	Structure	Impeller	Vortex
		Seal	Dual Mechanical Seal
	Material	Upper Cover	Cast Iron
		Bracket	Cast Iron
		Bearing	Heavy-duty bearing
		Impeller	Cast Iron
		Volute Casing	Cast Iron
		Motor Bracket	Cast Iron
		Mechanical Seal Bracket	Cast Iron
		Radial Cutter	440 Stainless Steel
		Radial Ring	440 Stainless Steel
	Seal	Lubricant	ISO VG.#32
		Motor Side	Carbon/Ceramic
		Pump Side	Silicon Carbide /Silicon Carbide
Motor	Type		Air filled
	Insulation class		Class B (266° F)
	Inner Protector		Thermal Overload Protection
	Material	Casing	Cast Iron
		Main Shaft	420 Stainless Steel
		Cable	Standard Submersible

APPLICATION

1. Residential and commercial sewage and systems.
2. Light industrial special usage.
3. Farm waste systems.
4. School, hospital, & community storm water system.
5. Food, paper, mining, textile, & other water treatment systems.



Rubber Glove



Cotton & Nylon Glove



Cotton Shirt



Rope



Part Number	Hz	PH	Voltage	HP	Discharge	Speed	Shutoff	Max Flow	Wt. Lbs.	Solids Passage	LRA	FLA	Cord Length
AG200/2	60	1	220v	2	1-1/4"	2P/3500	82'	38gpm @ 8'ldh	80	1/8"	33	7	25'

Contact *Aqua Pro Pump Systems* for custom built systems with high pressure pumps, VFD'S, stainless steel headers **AND MORE!**
Visit us on the web at tomikoinc.com



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