

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

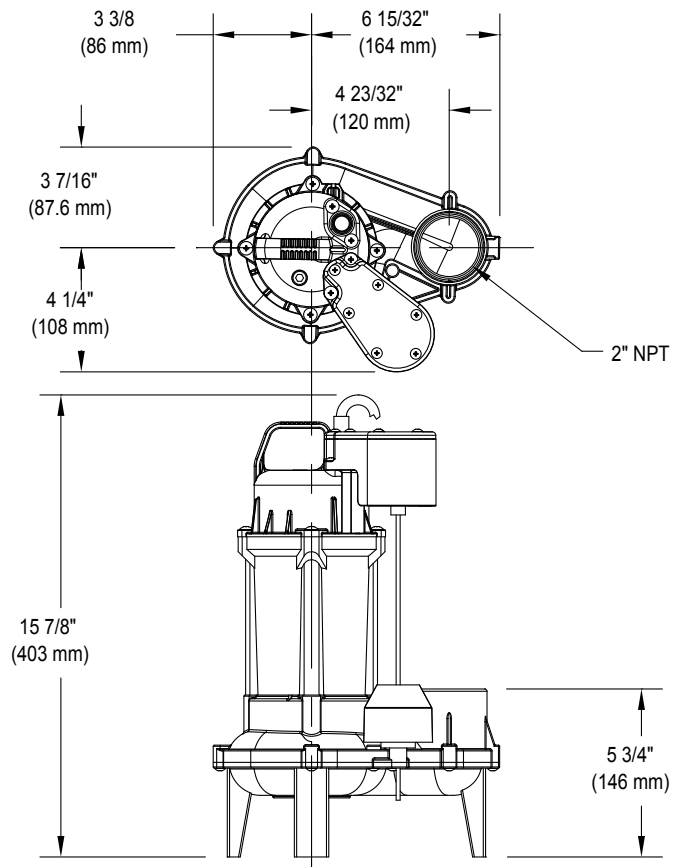
TECHNICAL DATA SHEET

AQUA-MATE SERIES

Model 212 Sewage/Effluent or Dewatering Pump Builder Series

PRODUCT SPECIFICATIONS

MOTOR	Horse Power	1/2
	Voltage	115
	Phase	1 Ph
	Hertz	60 Hz
	RPM	3400
	Type	Permanent split capacitor
	Insulation	Class B
	Amps	6.6
PUMP	Operation	Automatic
	Auto On/Off Points	11 1/2" (29 cm) / 5 1/4" (13 cm)
	Discharge Size	2" NPT
	Solids Handling	2" (50 mm) spherical solids
	Cord Length	10' (3 m) standard
	Cord Type	UL listed 3-prong plug
	Max. Head	19.5' (5.9 m)
	Max. Flow Rate	82 GPM (310 LPM)
	Max. Operating Temp.	104° F (40° C)
	Cooling	Oil filled
	Motor Protection	Auto reset thermal overload (1 Ph)
MATERIALS	Motor Housing	Cast iron
	Pump Housing	Engineered plastic
	Base	Engineered plastic
	Upper Bearing	Ball bearing
	Lower Bearing	Ball bearing
	Mechanical Seals	Carbon and ceramic
	Impeller Type	Non-clogging vortex
	Impeller	Engineered plastic
	Hardware	Stainless steel
	Motor Shaft	SUS420J2 stainless steel
	Gasket	NBR



SK3054

NOTE: The sizing of effluent systems normally requires variable level float(s) controls and properly sized basins to achieve required pumping cycles or dosing timers with nonautomatic pumps.

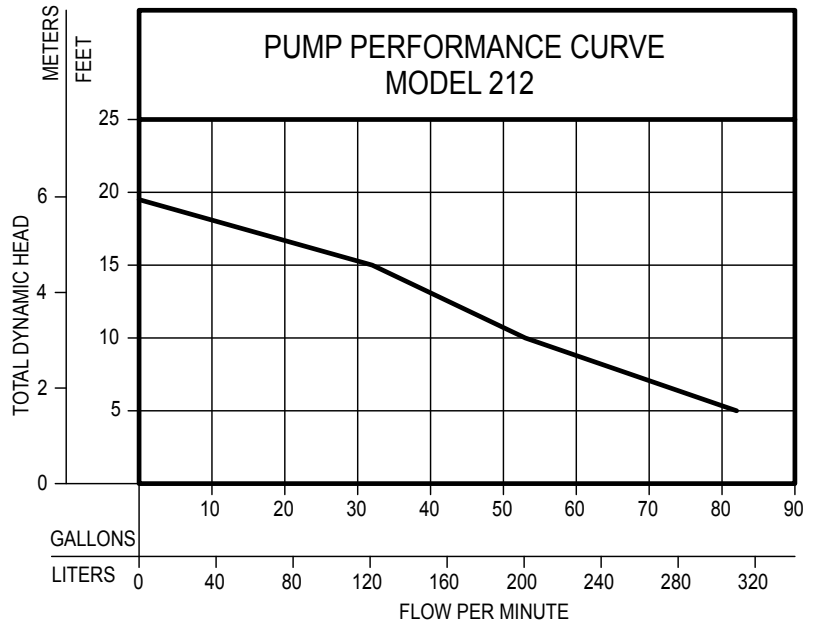
NOTE: See model comparison chart for specific details.



**TOTAL DYNAMIC HEAD
FLOW PER MINUTE**

MODEL		212	
Feet	Meters	Gal.	Liters
5	1.5	82	310
10	3.0	53	201
15	4.6	32	121
Shut-off Head:		19.5 ft. (5.9m)	

NOTE: recommended for 2" pipe only



153444

Model	MODEL COMPARISON								
	Seal	Mode	Volts	Ph	Amps	HP	Hz	Lbs.	Kg
M212	Single	Auto	115	1	6.6	1/2	60	16.8	7.6

SELECTION GUIDE

1. Integral float-operated mechanical switch, no external control required.
2. See FM1663 for a residential alternator system.

CAUTION All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).