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SECTION: 2.15.034
 FM2897
 0317
 Supersedes
 0816

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TECHNICAL DATA SHEET

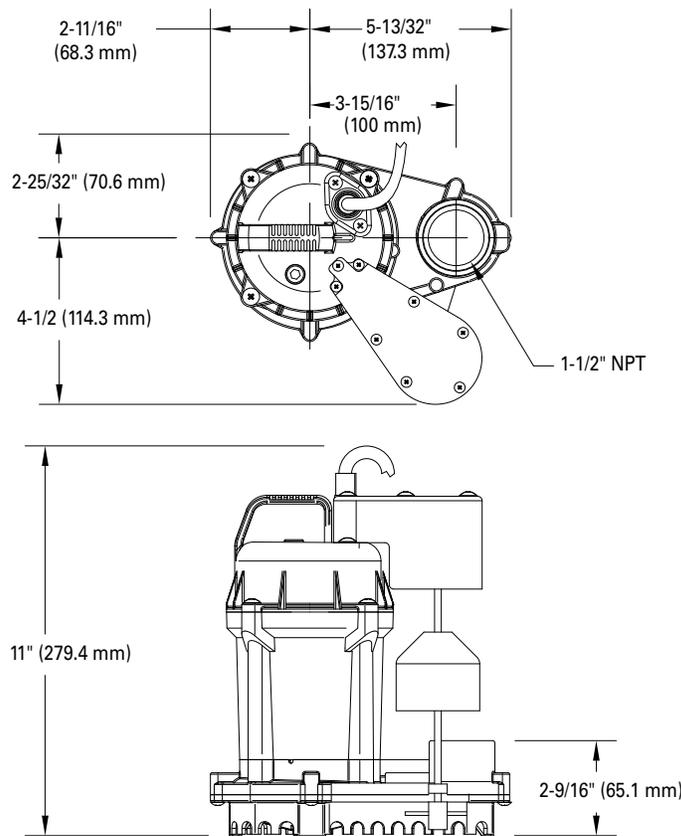
AQUA-MATE SERIES

MODEL 73 SUBMERSIBLE DEWATERING PUMP

Builder Series

PRODUCT SPECIFICATIONS

| | | |
|------------------|----------------------|----------------------------------|
| MOTOR | Horse Power | 1/3 |
| | Voltage | 115 |
| | Phase | 1 Ph |
| | Hertz | 60 Hz |
| | RPM | 3450 |
| | Type | Permanent split capacitor |
| | Insulation | Class B |
| | Amps | 5.5 |
| PUMP | Operation | Automatic |
| | Auto On/Off Points | 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) |
| | Discharge Size | 1-1/2" NPT |
| | Solids Handling | 3/8" (9 mm) spherical solids |
| | Cord Length | 9' (2.7 m) - 20' (6 m) |
| | Cord Type | UL listed with 3 prong plug |
| | Max. Head | 18' (5.5 m) |
| | Max. Flow Rate | 38 GPM (144 LPM) |
| | Max. Operating Temp. | 104 °F (40 °C) |
| | Cooling | Oil filled |
| | Motor Protection | Auto reset thermal overload |
| | MATERIALS | Motor Housing |
| 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 | | 410 stainless steel |
| Gasket | | NBR |



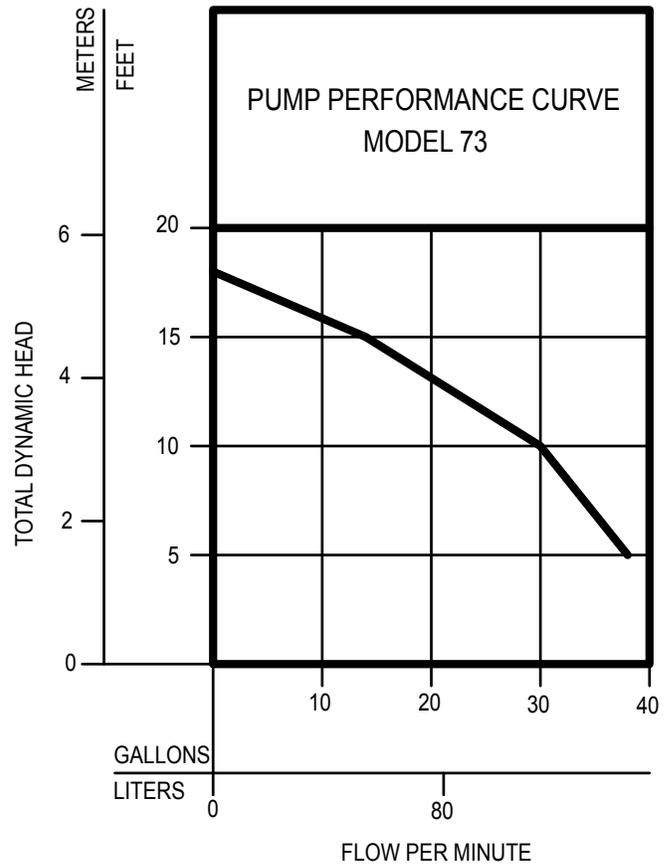
SK3021

NOTE: See model comparison chart for specific details.



**TOTAL DYNAMIC HEAD
FLOW PER MINUTE**

| MODEL | | 73 | |
|----------------|--------|----------------|--------|
| Feet | Meters | Gal. | Liters |
| 5 | 1.5 | 38 | 144 |
| 10 | 3.0 | 30 | 114 |
| 15 | 4.6 | 14 | 53 |
| Shut-off Head: | | 18 ft. (5.5 m) | |



153077

| Model | MODEL COMPARISON | | | | | | | | |
|-------|------------------|----------|-------|----|------|-----|----|------|-----|
| | Seal | Mode | Volts | Ph | Amps | HP | Hz | Lbs | Kg |
| M73 | Single | Auto | 115 | 1 | 5.5 | 1/3 | 60 | 12.5 | 5.6 |
| N73 | Single | Non auto | 115 | 1 | 5.5 | 1/3 | 60 | 12.0 | 5.4 |
| BN73 | Single | Auto | 115 | 1 | 5.5 | 1/3 | 60 | 13.5 | 6.1 |

* Single piggyback switch included.

NOTE: See FM0477_Sa 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).