

quality . service  
innovation . integrity

# 818, 819, 820 Grinder Pumps



"The color green  
is a registered  
trademark of  
Zoeller Pump Co."

## Features

This series of submersible pumps is designed for use in residential or commercial wastewater applications and can be used to transfer wastewater or unscreened raw sewage. Each pump features an innovative cutting mechanism allowing it to grind solids into fine particles. The uniform consistency of the discharged material lessens the risk of clogs in the pipe, yielding less down time and fewer service calls. These durable cast iron pumps include a powder coated epoxy finish to prevent corrosion, and are designed to provide great heat dissipation from the motor. As with every Zoeller® pump, each one is 100% factory tested to ensure quality and reliability for years of trouble-free performance!

## Specifications

### Motor Characteristics

Motor	1.0 - 2.0 HP
Voltage	115 - 200 - 230 V
Phase	1 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Capacitor start / capacitor run
Insulation	Class B
Amps	7.7 - 15.5 Amps

### Pump Characteristics

Operation	Automatic or nonautomatic
Auto On/ Off Points	Variable level float switch, customer sets
Discharge Size	1-1/4" NPT vertical
Cord Length	20' (6 m) standard
Cord Type	SOW or SOOW multi-wire neoprene
Max Head	107' (32.6 m)
Max Flow Rate	46 GPM (174 LPM)
Max Operating Temp	130 °F (54 °C)
Cooling	Oil filled
Motor Protection	Auto reset thermal overload

### Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon/ceramic
Impeller Type	Vortex
Impeller	Engineered plastic
Hardware	Stainless steel
Motor Shaft	Stainless steel
Gasket	Neoprene



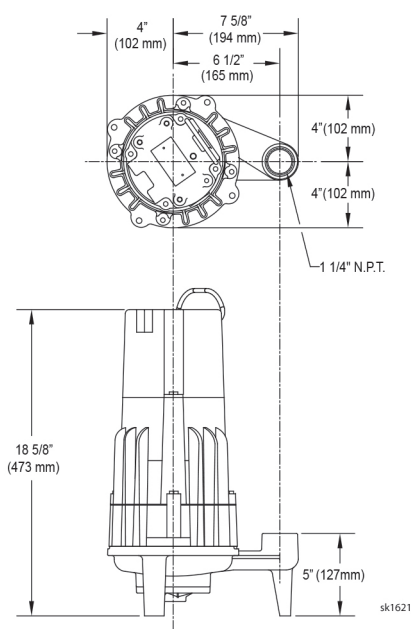
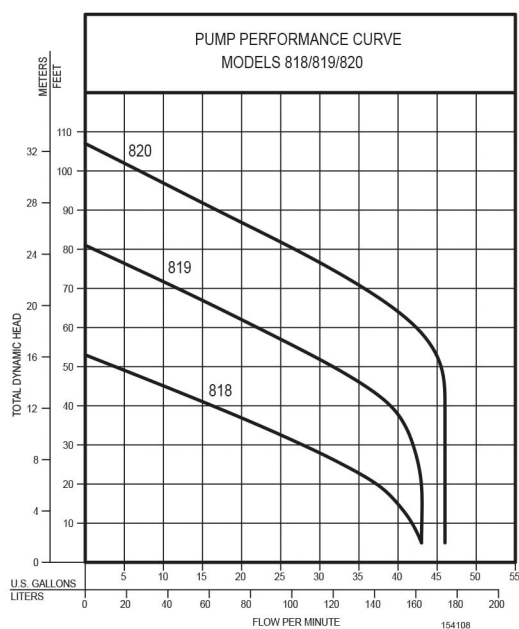
**PUMP COMPANY**

*Zoeller Family of Water Solutions™*

FM1478\_Ea

Updated 1116

# 818, 819, 820 Grinder Pumps



## Model

Model Number	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
WM818	Auto	115	1	13.6	1.0	60	89	40.3
N818	Non	115	1	13.6	1.0	60	88	39.9
WH818	Auto	200-208	1	7.7	1.0	60	89	40.3
I818	Non	200-208	1	7.7	1.0	60	88	39.9
WD818	Auto	230	1	8.5	1.0	60	89	40.3
E818	Non	230	1	8.5	1.0	60	88	39.9
WH819	Auto	200-208	1	12.0	1.5	60	89	40.3
I819	Non	200-208	1	12.0	1.5	60	88	39.9
WD819	Auto	230	1	10.8	1.5	60	89	40.3
E819	Non	230	1	10.8	1.5	60	88	39.9
WH820	Auto	200-208	1	15.5	2	60	89	40.3
I820	Non	200-208	1	15.5	2	60	88	39.9
WD820	Auto	230	1	13.7	2	60	89	40.3
E820	Non	230	1	13.7	2	60	88	39.9

**Your Peace of Mind is Our Top Priority®**

3649 Cane Run Rd | Louisville, KY 40211 USA

+1 502-778-2731 | 1-800-928-7867 | Fax: +1 502-774-3624

[www.zoeller.com](http://www.zoeller.com)

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies. Copyright Zoeller Company. All rights reserved.