

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



**PUMP COMPANY**

*Zoeller Family of Water Solutions™*

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SECTION: 2.30.020

FM0390

0714

Supersedes

0713

visit our web site:  
[www.zoeller.com](http://www.zoeller.com)

## COMPARE THESE FEATURES

- Float-operated, 2-pole mechanical switch
- Durable cast construction, ASTM class 25 cast iron, switch case, and pump housing
- Cast iron base on 267, 268
- Engineered plastic base on 266
- Non-clogging vortex impeller design  
Engineered plastic impeller with metal inserts on models 266, 267 & 268 (1 PH) model 267 available with cast iron impeller option (cast iron impeller standard on 3 PH models.)
- Not effected by materials normally found in drainage and sewage sumps
- Stainless steel screws, bolts, handle, guard, and arm and seal assembly
- UL listed 3-wire neoprene cord and plug  
10 ft. cord standard for automatic  
15 ft. cord standard for nonautomatic
- Square ring & gasket - neoprene
- Motor - 266/267/268 Series - ½ HP 60 Hz, 1725 RPM, oil-filled, hermetically sealed, automatic reset thermal overload protected (1 PH only)
- Oil-lubricated bearings
- Carbon and ceramic shaft seal
- Passes 2" spherical solids
- 2" NPT discharge
- Model 268 contains combination 2" NPT female and 3" NPT male discharge
- On point - 12"; Off point - 4" (automatic units)
- Corrosion-resistant powder coated epoxy finish

## ALL MODELS ARE COMPLETELY SUBMERSIBLE HERMETICALLY SEALED

Watertight - dust tight

**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.

\* May be used in those states where codes do not restrict solids size in effluent systems.

\*\* See back page for UL & CSA listings.

## 266 - 267 - 268 Series

(For Pump Prefix Identification see News & Views 0052)

# "WASTE-MATE"

SUBMERSIBLE

## SEWAGE/\*EFFLUENT PUMP

OR DEWATERING PUMP

2" NPT DISCHARGE



Tested to UL  
Standard UL 778



Certified to CSA  
Standard C22.2 No. 108

Automatic  
"267"



### FEATURES AVAILABLE

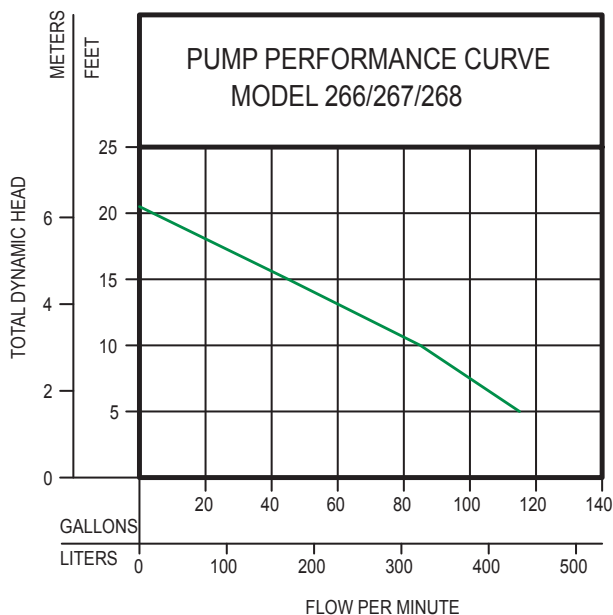
- Automatic
- Nonautomatic (for variable level systems)
- 2" NPT discharge (2" & 3" Model 268)
- ½ HP, 1 Ph, 115V, 200-208V, or 230V
- Passes 2" spherical solids
- BN and BE267 pumps available packaged with a piggyback variable level float switch
- ½ HP, 3 Ph, 200-208V, 230V, or 460V

Automatic  
"268"



Nonautomatic  
"267"  
for variable  
level systems

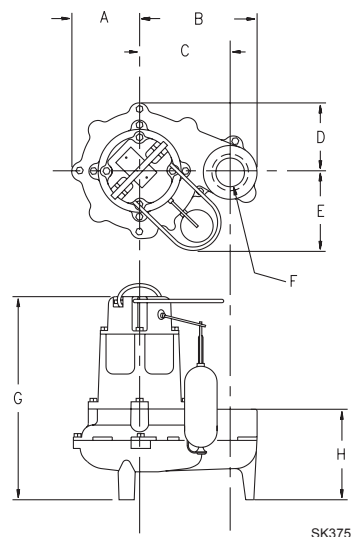




## TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE AND DEWATERING

| MODEL          |        | 266/267/268    |        |
|----------------|--------|----------------|--------|
| Feet           | Meters | Gal.           | Liters |
| 5              | 1.5    | 115            | 435    |
| 10             | 3.0    | 85             | 322    |
| 15             | 4.6    | 45             | 170    |
| Shut-off Head: |        | 20.5 ft.(6.2m) |        |

013225



SK375

| MODEL | A      | B        | C        | D      | E        | F           | G        | H       |
|-------|--------|----------|----------|--------|----------|-------------|----------|---------|
| 266   | 4-3/4" | 8-5/16"  | 6-13/32" | 4-3/4" | 6-15/32" | 2" NPT      | 14-1/32" | 6-3/32" |
| 267   | 4-3/4" | 8-5/16"  | 6-13/32" | 4-3/4" | 6-15/32" | 2" NPT      | 14-5/8"  | 6-3/4"  |
| 268   | 4-3/4" | 8-13/32" | 6-13/32" | 4-3/4" | 6-15/32" | 2 7/32" NPT | 14-5/8"  | 9-1/16" |

## CONSULT FACTORY FOR SPECIAL APPLICATIONS

| 266 MODELS |          |      |      | Control Selection |        | Listings |     |
|------------|----------|------|------|-------------------|--------|----------|-----|
| Model      | Volts-Ph | Mode | Amps | Simplex           | Duplex | CSA      | UL  |
| M266       | 115      | 1    | Auto | 10.4              | 1      | 4        | Y Y |
| ** BN266   | 115      | 1    | Auto | 10.4              | **     | 4        | Y Y |
| N266       | 115      | 1    | Non  | 10.4              | 2 or 3 | 2 or 4   | Y Y |
| D266       | 230      | 1    | Auto | 5.5               | 1      | ---      | Y Y |
| E266       | 230      | 1    | Non  | 5.5               | 2 or 3 | 4        | Y Y |
| ** BE266   | 230      | 1    | Auto | 5.5               | **     | ---      | Y Y |
| * H266     | 200-208  | 1    | Auto | 6.2               | 1      | ---      | Y N |
| * I266     | 200-208  | 1    | Non  | 6.2               | 3      | 4        | Y N |
| * J266     | 200-208  | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * F266     | 230      | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * G266     | 460      | 3    | Non  | 1.5               | 3      | 4        | Y N |

| 267 MODELS |          |      |      | Control Selection |        | Listings |     |
|------------|----------|------|------|-------------------|--------|----------|-----|
| Model      | Volts-Ph | Mode | Amps | Simplex           | Duplex | CSA      | UL  |
| M267       | 115      | 1    | Auto | 10.4              | 1      | 4        | Y Y |
| ** BN267   | 115      | 1    | Auto | 10.4              | **     | 4        | Y Y |
| N267       | 115      | 1    | Non  | 10.4              | 2 or 3 | 2 or 4   | Y Y |
| D267       | 230      | 1    | Auto | 5.5               | 1      | ---      | Y Y |
| E267       | 230      | 1    | Non  | 5.5               | 2 or 3 | 4        | Y Y |
| ** BE267   | 230      | 1    | Auto | 5.5               | **     | ---      | Y Y |
| * H267     | 200-208  | 1    | Auto | 6.2               | 1      | ---      | Y N |
| * I267     | 200-208  | 1    | Non  | 6.2               | 3      | 4        | Y N |
| * J267     | 200-208  | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * F267     | 230      | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * G267     | 460      | 3    | Non  | 1.5               | 3      | 4        | Y N |

| 268 MODELS |          |      |      | Control Selection |        | Listings |     |
|------------|----------|------|------|-------------------|--------|----------|-----|
| Model      | Volts-Ph | Mode | Amps | Simplex           | Duplex | CSA      | UL  |
| M268       | 115      | 1    | Auto | 10.4              | 1      | 4        | Y Y |
| ** BN268   | 115      | 1    | Auto | 10.4              | **     | 4        | Y Y |
| N268       | 115      | 1    | Non  | 10.4              | 2 or 3 | 2 or 4   | Y Y |
| D268       | 230      | 1    | Auto | 5.5               | 1      | ---      | Y Y |
| E268       | 230      | 1    | Non  | 5.5               | 2 or 3 | 4        | Y Y |
| ** BE268   | 230      | 1    | Auto | 5.5               | **     | ---      | Y Y |
| * H268     | 200-208  | 1    | Auto | 6.2               | 1      | ---      | Y N |
| * I268     | 200-208  | 1    | Non  | 6.2               | 3      | 4        | Y N |
| * J268     | 200-208  | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * F268     | 230      | 3    | Non  | 2.6               | 3      | 4        | Y Y |
| * G268     | 460      | 3    | Non  | 1.5               | 3      | 4        | Y N |

\*No molded plug      \*\*Single piggyback switch included

- Minimum recommended basin size (Small load applications)  
Simplex - 18" x 30"  
Duplex - 30" x 36"
- High water alarms available

### Standard All Models -

- 266 - Weight 41 lbs. ½ HP
- 267 - Weight 47.5 lbs. ½ HP
- 268 - Weight 51 lbs. ½ HP

**Caution:** Maximum temperature of sewage or dewatering must be limited to 130°F (54°C). For over 130°F (54°C) special quotation required.

- For "M" and "D" models, the approximate gallons pumped out per cycle are:

| Tank Diameter | Gallons Pumped |
|---------------|----------------|
| 18" Simplex   | 8 Gallons      |
| 24" Simplex   | 15 Gallons     |
| 30" Duplex    | 22 Gallons     |
| 36" Duplex    | 33 Gallons     |
| 48" Duplex    | 60 Gallons     |

## SELECTION GUIDE

- Integral float operated mechanical switch, no external control required.
- For automatic use single piggyback variable level float switch or double piggyback variable level float switch. Refer to FM0477.
- See FM1228 for correct model of simplex control panel.
- See FM0712 for correct model of duplex control panel or FM1663 for a residential alternator system.

For information on additional Zoeller products refer to catalog on Simplex Panels, FM1596; Piggyback Variable Level Switches, FM0477; Electrical Alternator, FM0486; Mechanical Alternator, FM0495; Sump/Sewage Basins, FM0487; Single Phase Alarm Systems, FM0732; Watertight Junction Boxes, FM1597; and Disconnect & Rail Systems, FM0787.

### 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).

## RESERVE POWERED DESIGN

For unusual conditions a reserve safety factor is engineered into the design of every Zoeller pump.

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