

"QUALITY PUMPS SINCE 1939"

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

**ZOELLER**  
PUMP CO.



SECTION: 3.20.014

FM1919

1206

Supersedes

0504

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347  
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961  
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

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# ZOELLER ON-SITE WASTEWATER PRODUCTS

## INTRODUCING ZOELLER ON-SITE "DOSE-MATE" PUMPS

### COMPARE THESE FEATURES

- Durable cast iron construction.
- Model 151 comes standard with a glass-filled polypropylene base.
- Corrosion resistant powder coated epoxy finish.
- Stainless steel lifting handle.
- Assembled with stainless steel bolts.
- Non-clogging engineered thermoplastic vortex impeller design.
- Model 151 - 1/3 HP passes 1/2" spherical solids.
- Model 152 - .4 HP passes 3/4" spherical solids.
- Model 153 - 1/2 HP passes 3/4" spherical solids.
- Motor - 60 Hz, 3450 RPM, oil-filled, hermetically sealed, automatic reset thermal overload protected.
- Carbon/Ceramic seals.
- Upper sleeve bearing and lower ball bearing running in bath of oil.
- 20 ft. UL Listed power cord with molded 3-wire plug.
- 1 1/2" NPT vertical discharge.
- BN and BE standard models include a 20 ft. variable level float switch.
- Operates at temperatures to 130°F (54°C) in effluent applications.
- All models include a 1 1/2" x 2" PVC adapter fitting.

**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.

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Manufacturers of . . .

"QUALITY PUMPS SINCE 1939"

### 151/152/153 EFFLUENT SERIES

(For Pump Prefix Identification see News & Views 0052)

## "DOSE-MATE"

FOR SEPTIC TANK - LOW PRESSURE PIPE (LPP)  
AND ENHANCED FLOW STEP SYSTEMS

**EFFLUENT**  
SUBMERSIBLE

1 1/2" NPT DISCHARGE



Tested to UL Standard UL778  
and Certified to CSA  
Standard CSA22.2 No. 108



Model N152/N153  
High Head  
Effluent



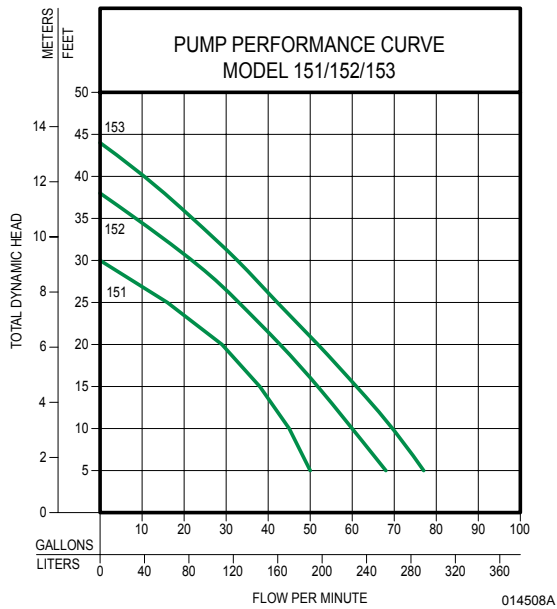
### MODELS AVAILABLE

- N151/N152/N153 & E151/E152/E153 nonautomatic
- BN151/BN152/BN153 & BE151/BE152/BE153 packaged with Piggyback Variable Level Float Switch
- 1/3, .4 & 1/2 HP, 1Ph 115V or 230V



POWDER  
COATED  
**TOUGH™**

Model BN152/BN153  
High Head  
Effluent



TOTAL DYNAMIC HEAD/FLOW  
PER MINUTE  
EFFLUENT AND DEWATERING

MODEL		151		152		153	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	50	189	69	261	77	291
10	3.0	45	170	61	231	70	265
15	4.6	38	144	53	201	61	231
20	6.1	29	110	44	167	52	197
25	7.6	16	61	34	129	42	159
30	9.1	--	--	23	87	33	125
35	10.7	--	--	--	--	22	85
40	12.2	--	--	--	--	11	42
Shut-off Head:		30 ft. (9.1m)		38 ft. (11.6m)		44 ft. (13.4m)	

014508B

## CONSULT FACTORY FOR SPECIAL APPLICATIONS

- Timed dosing panels available.
- Electrical alternators, for duplex systems, are available and supplied with an alarm.
- Variable level control switches are available for controlling single phase systems.
- Double piggyback variable level float switches are available for variable level long and short cycle controls.
- Sealed Qwik-Box available for outdoor installations. See FM1420.
- Over 130°F (54°C) special quotation required.

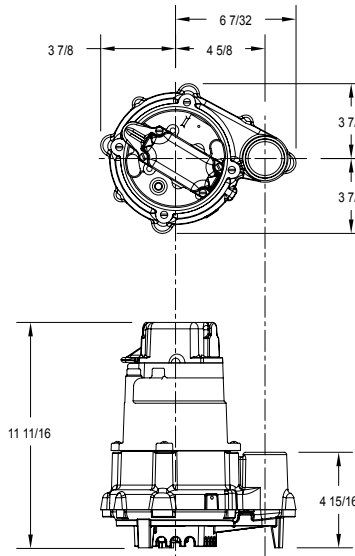
### 151/152/153 Series

Model	151/152/153 MODELS			Control Selection	
	Volts-Ph	Mode	Amps	Simplex	Duplex
N151	115	1	6.0	1	2 or 3
BN151	115	1	Auto	Included	2 or 3
E151	230	1	Non	1	2 or 3
BE151	230	1	Auto	Included	2 or 3
N152	115	1	Non	8.5	2 or 3
BN152	115	1	Auto	Included	2 or 3
E152	230	1	Non	4.3	2 or 3
BE152	230	1	Auto	Included	2 or 3
N153	115	1	Non	10.5	2 or 3
BN153	115	1	Auto	Included	2 or 3
E153	230	1	Non	5.3	2 or 3
BE153	230	1	Auto	Included	2 or 3

#### CAUTION

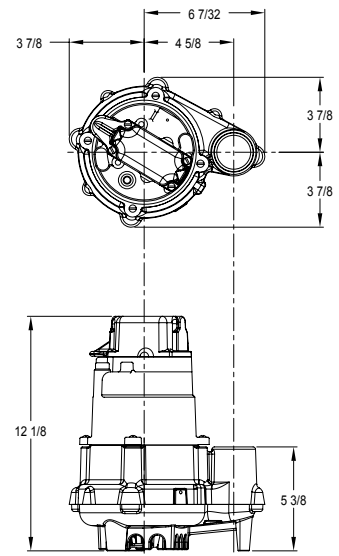
All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electric Code (NEC) and the Occupational Safety and Health Act (OSHA).

### Model 151



SK2444

### Models 152 / 153



SK2064

### SELECTION GUIDE

1. Single piggyback variable level float switch or double piggyback variable level float switch. Refer to FM0477.
2. See FM0712 for correct model of Electrical Alternator E-Pak.
3. Variable level control switch 10-0743 used as a control activator, specify duplex (3) or (4) float system.

## RESERVE POWERED DESIGN

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



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