Your Peace of Mind is Our Top Priority®

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

ZOELLER®
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Zoeller Family of Water Solutions™

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SECTION: 2.60.120
FM0806
0811
Supersedes
0809

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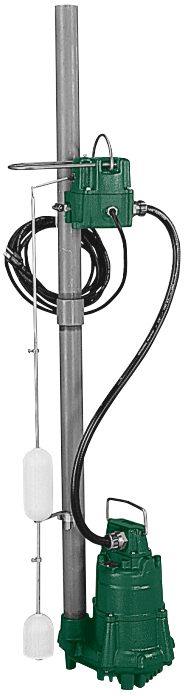
DESIGNED • MACHINED • ASSEMBLED IN THE USA

HIGH TEMPERATURE
SUBMERSIBLE PUMPS
FOR USE IN DEWATERING APPLICATIONS UP TO 200 DEGREES F.

COMPARE THESE FEATURES

- A High temperature submersible pump series with electrical components meeting the National Electrical Code requirements for 200° F service
- Comprehensive line of models, styles and modes
- Conduit length is 3 feet for automatic models and 6 feet for nonautomatic models
- Power cord length is 15 feet for automatic models and supplied by others for nonautomatic models
- High temperature liquid-tight conduit used with high temperature cable
- High temperature motor windings
- High temperature Viton® gaskets
- High temperature thermal overload protected
- All control components in contact with the water are high temperature rated
- All models have vortex impeller design
- All models have stainless steel screws, guards, handles and control arm & seal assemblies
- Float operated mechanical switch box which is mounted on the discharge pipe above the operating level (Switch box is not intended to come in continuous contact with 200° F water)
- Mechanical seal has NI-Resist rotary face and Viton® elastomer
- Corrosion-resistant powder coated epoxy finish



POWDER COATED TOUGH™

3098 Automatic

Product may not be exactly as pictured.

POWDER COATED TOUGH™

3282 Nonautomatic

FLOAT ADJUSTMENT LEVELS FOR AUTOMATIC UNITS

MODEL NO.	MIN. "OFF"	MIN. "ON" *	MAX. "ON" *
3098	3"	12"	24"
3137	3"	12"	26"
3139	3"	12"	26"
3161	4½"	14"	28½"
3163	4½"	14"	28½"
3282	4½"	14"	28½"

*See note 3 on back for additional lengths.

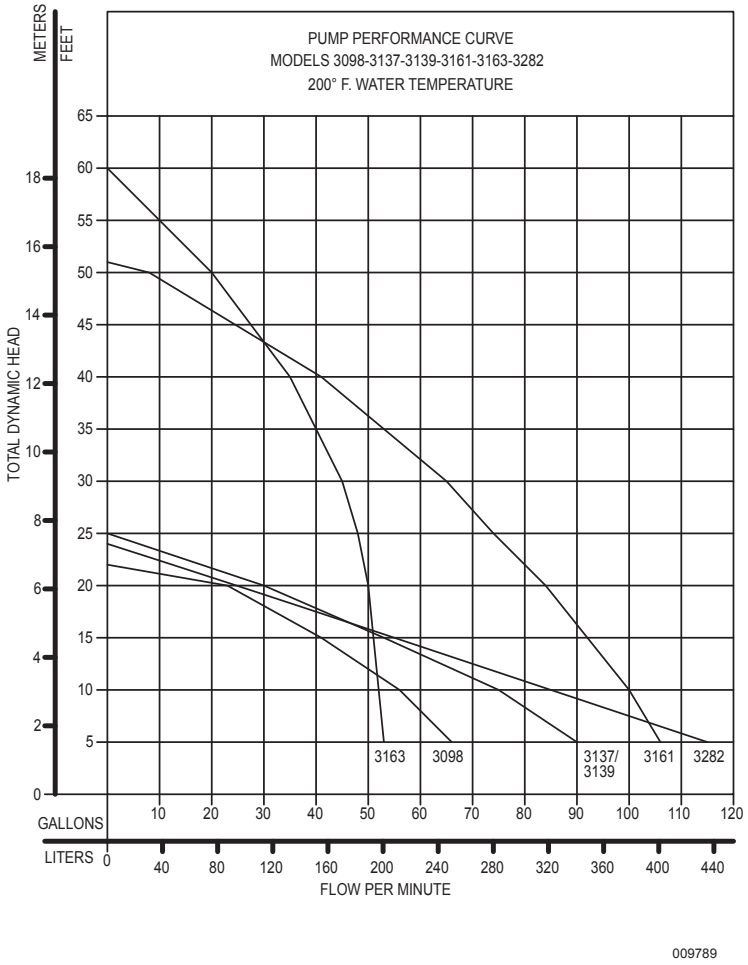
(For Pump Prefix Identification see News & Views 0052)

AVAILABLE IN THE FOLLOWING MODELS

Model	Mode	HP	Discharge	Solid	Volts	Ph	Material	Amps	Wt.
M3098	Auto	1/2	1-1/2"	1/2"	115V	1	Cast Iron	9.4	52
N3098	Non	1/2	1-1/2"	1/2"	115V	1	Cast Iron	9.4	49
D3098	Auto	1/2	1-1/2"	1/2"	230V	1	Cast Iron	4.7	52
E3098	Non	1/2	1-1/2"	1/2"	230V	1	Cast Iron	4.7	49
M3137	Auto	1/2	1-1/2"	5/8"	115V	1	Cast Iron	10.7	57
N3137	Non	1/2	1-1/2"	5/8"	115V	1	Cast Iron	10.7	53
D3137	Auto	1/2	1-1/2"	5/8"	230V	1	Cast Iron	5.8	57
E3137	Non	1/2	1-1/2"	5/8"	230V	1	Cast Iron	5.8	53
M3139	Auto	1/2	1-1/2"	5/8"	115V	1	Bronze	10.7	60
N3139	Non	1/2	1-1/2"	5/8"	115V	1	Bronze	10.7	56
D3139	Auto	1/2	1-1/2"	5/8"	230V	1	Bronze	5.8	60
E3139	Non	1/2	1-1/2"	5/8"	230V	1	Bronze	5.8	56

Model	Mode	HP	Discharge	Solid	Volts	Ph	Material	Amps	Wt.
M3161	Auto	1/2	1-1/2" (2",3")*	3/4"	115V	1	Cast Iron	15.5	87
N3161	Non	1/2	1-1/2" (2",3")*	3/4"	115V	1	Cast Iron	15.5	83
D3161	Auto	1/2	1-1/2" (2",3")*	3/4"	230V	1	Cast Iron	7.0	87
E3161	Non	1/2	1-1/2" (2",3")*	3/4"	230V	1	Cast Iron	7.0	83
M3163	Auto	1/2	1-1/2" (2",3")*	3/4"	115V	1	Cast Iron	15.0	87
N3163	Non	1/2	1-1/2" (2",3")*	3/4"	115V	1	Cast Iron	15.0	83
D3163	Auto	1/2	1-1/2" (2",3")*	3/4"	230V	1	Cast Iron	7.5	87
E3163	Non	1/2	1-1/2" (2",3")*	3/4"	230V	1	Cast Iron	7.5	83
M3282	Auto	1/2	2" (3")*	2"	115V	1	Cast Iron	10.3	90
N3282	Non	1/2	2" (3")*	2"	115V	1	Cast Iron	10.3	86
D3282	Auto	1/2	2" (3")*	2"	230V	1	Cast Iron	5.0	90
E3282	Non	1/2	2" (3")*	2"	230V	1	Cast Iron	5.0	86

***Specify 2" or 3" discharge size (i.e. M3282 with 3" discharge).**



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NOTE: 1) Cable from disconnect to control box (customer furnished) should be rated 105°C (221°F).

2) Nonautomatic models available with 6 ft. of High Temperature liquid-tight conduit cable (200°F) and a watertight junction box for outdoor or above the waterline installation.

3) The maximum "On" levels can be extended for automatic pumps by adding additional cord and conduit length. Float rods are extended in 1' increments. Order an extender kit P/N 10-0656 for each additional foot of length desired.

4) ⚠ CAUTION Check valves used in High Temperature service must be all metal swing type check valves.

5) ⚠ CAUTION The basin material must be able to withstand the sustained, elevated temperature anticipated.

⚠ 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).

TOTAL DYNAMIC HEAD/FLOW PER MINUTE
SEWAGE AND DEWATERING

MODEL		3098		3137/3139		3161		3163		3282	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	66	250	90	341	106	401	53	201	115	435
10	3.0	56	212	75	284	100	378	52	197	85	322
15	4.6	41	155	53	201	92	348	51	193	55	208
20	6.1	23	87	30	114	84	318	50	189	25	95
25	7.6	--	--	--	--	74	280	48	182	--	--
30	9.1	--	--	--	--	65	246	45	170	--	--
40	12.2	--	--	--	--	41	155	35	132	--	--
50	15.2	--	--	--	--	8	30	20	76	--	--
Shut-off Head:		21 ft.(6.4m)		25 ft.(7.6m)		51 ft.(15.5m)		60 ft.(18.3m)		24 ft.(7.3m)	