

Trusted. Tested. Tough.®



FM3591
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Supersedes
New

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zoellerpumps.com

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

Traction Guard Systems

The pump and panel solution for electric elevator applications that meet ASME 17.1 requirements.

The traction elevator system provides a plug-and-go, one stop system that includes components that meet application and code requirements. All panels listed have multiple dry contacts allowing them to be connected to a SCADA or security system.

PUMPS

- Submersible pump rated at 0.5 – 1.5 HP, 115 – 460 volts, single and three phase, 60 Hz, 3450 RPM (Model 284 is 1750 RPM)
- Pump housing configured with 1.5" (Models 152, 153, 161) or 2" (Models 284, 292, 294) NPT vertical discharge.
- Supplied with 25 ft SJ00W multiconductor power cord, NEC-sized for full-load amps.
- All pump models include a vortex impeller.
- Cast iron construction and hermetically sealed oil-filled motor housing optimizes heat dissipation leading to a long-lasting pump.
- All pump models are 100% factory tested.

CONTROL PANELS

- NEMA 4X enclosure with lockable latch
- UL 508A and CSA C22.2 No. 14 certified

Single Phase Simplex Pivot® RL® Control Panel

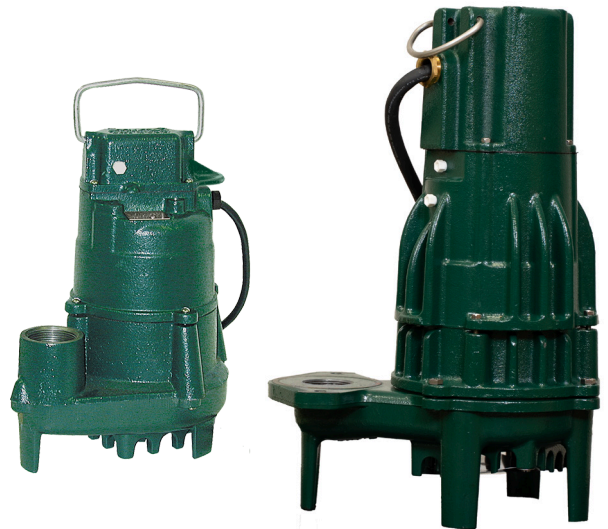
- 115/200/230 V, 60 Hz.
- Factory assembled control board, IEC motor contactor, pump circuit breaker, and individually fused control and alarm circuits with LED indicators.
- Includes HAND/OFF/AUTO selector switch, Pump Run and float status LEDs, audible high water alarm and 360° visual alarm beacon.
- 3 Year Warranty

Three Phase Simplex Pivot® Pro Control Panel

- 200/230/460 V 60 Hz; multi tap transformer supplies 115 V control power to the Smart Board.
- Advanced control architecture with Smart Board, IEC motor contactors rated up to 50 A, circuit breaker protection
- Includes LCD display, advanced float logic capability, HAND/OFF/AUTO controls, audible high water alarm and 360° visual alarm beacon.
- Optional Z-Control capabilities – Sold Separately 90002-0001
- 5 Year Warranty

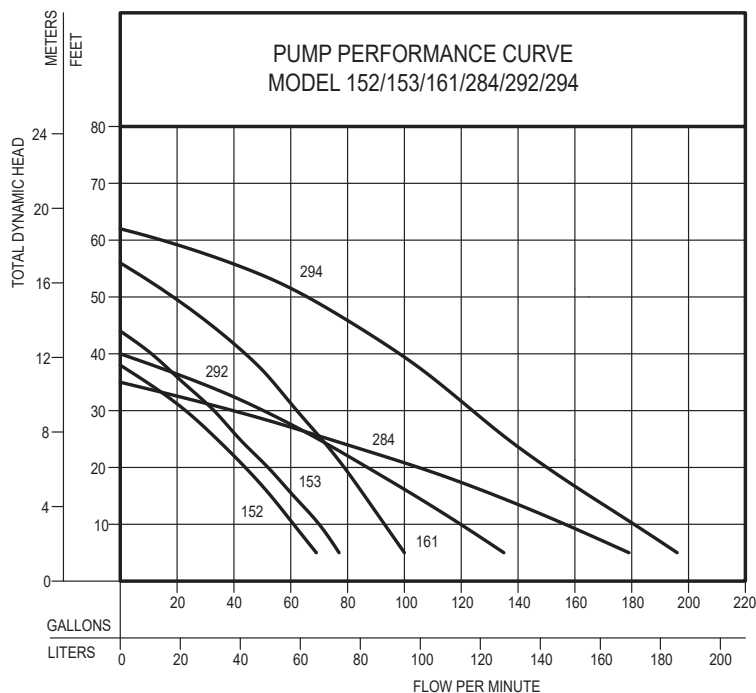
SWITCHES

Includes 3 – 25' floats constructed of impact-resistant and non-corrodible PVC/polypropylene encasing.



Pump	HP	Voltage	Phase	FLA	Discharge (inches)	TDH (feet) @ 50 GPM (1 Car)	TDH (feet) @ 100 GPM (2 Car)	TDH (feet) @ 150 GPM (3 Car)	Part Number
N152	.5	115	1	8.5	1-1/2"	16'	-	-	945-0005
E152	.5	115	1	4.3	1-1/2"	16'	-	-	945-0006
N153	.5	115	1	10.5	1-1/2"	21'	-	-	945-0007
E153	.5	115	1	5.3	1-1/2"	21'	-	-	945-0008
N161	.5	115	1	15.0	1-1/2"	36'	-	-	945-0009
E161	.5	230	1	7.5	1-1/2"	36'	-	-	945-0010
I161	.5	200	1	8.8	1-1/2"	36'	-	-	945-0011
F161	.5	230	3	5.2	1-1/2"	36'	-	-	945-0012
J161	.5	200	3	6.4	1-1/2"	36'	-	-	945-0013
G161	.5	460	3	2.9	1-1/2"	36'	-	-	945-0014
N292	.5	115	1	15.0	2"	30'	16'	-	945-0015
E292	.5	230	1	7.5	2"	30'	16'	-	945-0016
I292	.5	200	1	8.8	2"	30'	16'	-	945-0017
F292	.5	230	3	5.2	2"	30'	16'	-	945-0018
J292	.5	200	3	6.4	2"	30'	16'	-	945-0019
G292	.5	460	3	2.9	2"	30'	16'	-	945-0020
E284	1	230	1	8.9	2"	28'	21'	12'	945-0021
I284	1	200	1	9.3	2"	28'	21'	12'	945-0022
F284	1	230	3	5.0	2"	28'	21'	12'	945-0023
J284	1	200	3	5.5	2"	28'	21'	12'	945-0024
G284	1	460	3	2.6	2"	28'	21'	12'	945-0025
E294	1.5	230	1	13.7	2"	54'	40'	20'	945-0026
I294	1.5	200	1	17.8	2"	54'	40'	20'	945-0027
F294	1.5	230	3	9.5	2"	54'	40'	20'	945-0028
J294	1.5	200	3	10.8	2"	54'	40'	20'	945-0029
G294	1.5	460	3	4.8	2"	54'	40'	20'	945-0030

- Consult the local sales rep if a design point falls outside of the listed pumps performance curves.
- If additional cord lengths are required, package system number will change. Consult factory.



PUMP WEIGHT AND DIMENSIONS			
Pump Model	Weight	Height	Width
152	37	12-1/8"	10-3/32"
153	37	12-1/8"	10-3/32"
161	83	19-5/16"	12-3/4"
292	88	19-9/16"	12-7/8"
284	84	19-25/32"	13-9/16"
294	89	19-9/16"	12-7/8"

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