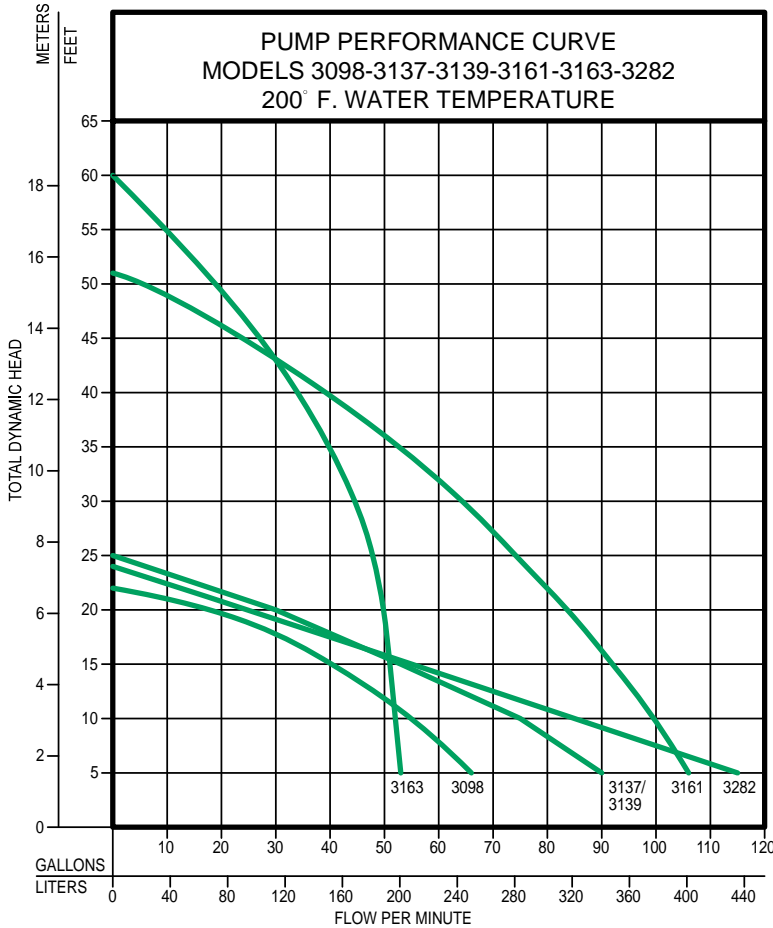


## AVAILABLE IN THE FOLLOWING MODELS

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	
Ft.	M	Gal.	Ltrs.	Gal.	Ltrs.	Gal.	Ltrs.	Gal.	Ltrs.	Gal.	Ltrs.
5	1.52	66	250	90	341	106	401	53	201	115	435
10	3.05	56	212	75	284	100	378	52	197	85	322
15	4.57	41	155	53	201	92	348	51	193	55	208
20	6.10	23	87	30	114	84	318	50	189	25	95
25	7.62					74	280	48	182		
30	9.14					65	246	45	170		
40	12.19					41	155	35	132		
50	15.24					8	30	20	76		
Shut-off Head:		22'		25'		51'		60'		24'	