

LIFEGARD[®] Quiet One[®]

AQUARIUM PUMPS



LIFEGARD
AQUATICS
Aquarium, Pond & Aquaculture Products

LIFEGARD[®] QuietOne[®]

AQUARIUM PUMPS



For Submersible or Dry Applications

FEATURES :

- ◆ Extremely quiet operation...so quiet you'll swear it's not running.
- ◆ Safe for Salt or Freshwater applications.
- ◆ Use with all types of filters.
- ◆ ECO-SAV™ generates more power with less energy consumption.
- ◆ Internal recirculation prevents overheating and ejects obstructing debris.
- ◆ Remarkable impeller technology provides combined rotors, improved shaft materials and corrosion resistant bearings.
- ◆ EZ Access Covers allow ease of maintenance of rotor, shaft and removable impellers.
- ◆ Innovative "cooling chambers" provide air-cooling during dry use and water-cooling in wet applications.
- ◆ Pre-filter Grill with Flow Control Valve in submersible applications.
- ◆ 115 Volt/60 Hz. 220 Volt/50 Hz models available.
- ◆ ETL and CE listed.

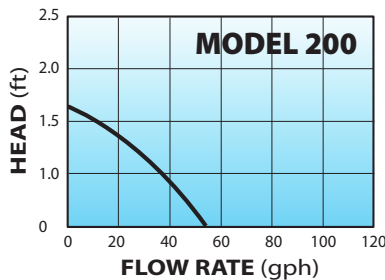
200



MODEL 200

Maximum Gallons Freshwater **20**
Maximum Gallons Saltwater **14**

Part No.	R440464
Model	200
GPH	53
Max Ht. Ft.	1.64
Watt	5.5
Amp	0.09
Suction	Screen
Discharge	1/2" Tube
115 Volt/60 Hz	



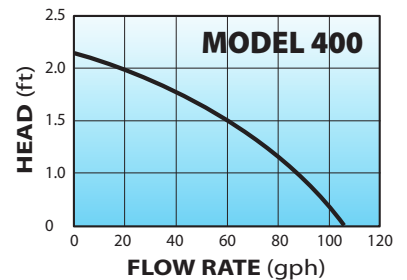
400



MODEL 400

Maximum Gallons Freshwater **40**
Maximum Gallons Saltwater **26**

Part No.	R440464
Model	400
GPH	106
Max Ht. Ft.	2.13
Watt	7.0
Amp	0.09
Suction	Screen
Discharge	1/2" Tube
115 Volt/60 Hz	

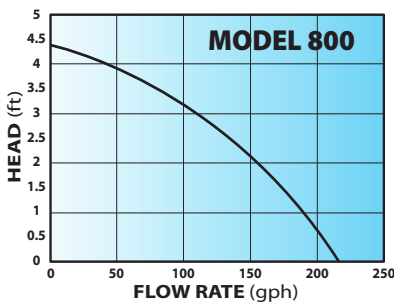


800**MODEL 800**

Maximum Gallons Freshwater **85**
 Maximum Gallons Saltwater **55**

Part No. R440101
 Model 800
 GPH 220
 Max Ht. Ft. 4.37
 Watt 13.5
 Amp 0.24
 Suction Screen
 Discharge 1/2" Tube
 115 Volt/60 Hz

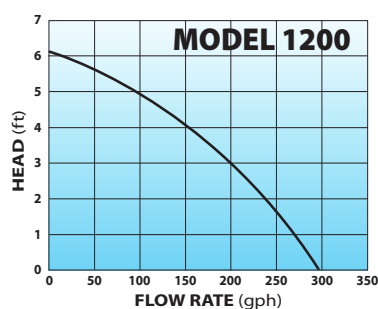
FLOW RATE (gph)	HEAD (ft)
220	0
190.6	0.9
154	2
131	2.59
105	3.1
71	3.63
32	4.1
0	4.37

**1200****MODEL 1200**

Maximum Gallons Freshwater **110**
 Maximum Gallons Saltwater **75**

Part No. R440102
 Model 1200
 GPH 296
 Max Ht. Ft. 6.1
 Watt 25.5
 Amp 0.40
 Suction 1/2" MPT
 Discharge 1/2" MPT
 115 Volt/60 Hz

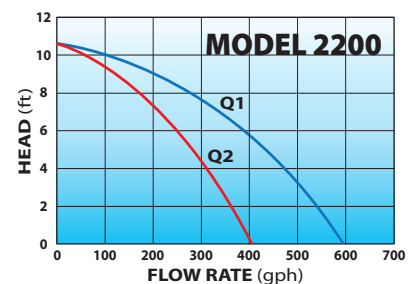
FLOW RATE (gph)	HEAD (ft)
296	0
255	1.5
222	2.7
191	3.6
158	4.4
100	5.3
50	5.8
0	6.1

**2200****MODEL 2200**

Maximum Gallons Freshwater **220**
 Maximum Gallons Saltwater **150**

Part No. R440110
 Model 2200
 GPH 594
 Max Ht. Ft. 10.66
 Watt 45
 Amp 0.46
 Suction 1" MPT
 Discharge 1" MPT
 115 Volt/60 Hz

HEAD (ft)	Q1 (gph)	Q2 (gph)
0	594	404
1	563	383
2	528	357
3	493	333
4	455	308
5	410	277
6	361	248
7	308	217
8	258	179
9	188	135
10	96	77
10.66	0	0



Q1: Valve Open Q2: Valve Closed
 Flow Rate calculated with flooded suction and no output restriction.



3000

MODEL 3000

Maximum Gallons Freshwater **307**
 Maximum Gallons Saltwater **204**

Part No. R440103
 Model 3000
 GPH 819
 Max Ht. Ft. 10.33
 Watt 55
 Amp 0.54
 Suction 1" MPT
 Discharge 1" MPT
 115 Volt/60 Hz



4000

MODEL 4000

Maximum Gallons Freshwater **372**
 Maximum Gallons Saltwater **248**

Part No. R440104
 Model 4000
 GPH 991
 Max Ht. Ft. 10.17
 Watt 65
 Amp 0.6
 Suction 1" MPT
 Discharge 1" MPT
 115 Volt/60 Hz



5000

MODEL 5000

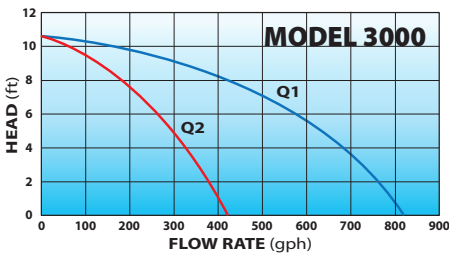
Maximum Gallons Freshwater **525**
 Maximum Gallons Saltwater **350**

Part No. R440106
 Model 5000
 GPH 1400
 Max Ht. Ft. 11.65
 Watt 115
 Amp 1.00
 Suction 1" MPT
 Discharge 1" MPT
 115 Volt/60 Hz

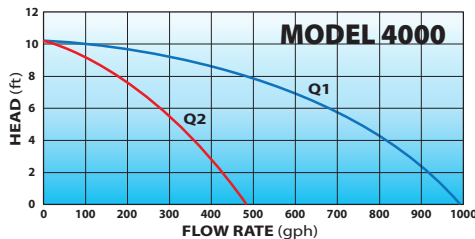
HEAD (ft)	Q1 (gph)	Q2 (gph)
0	819	423
1	781	396
2	731	366
3	672	336
4	611	306
5	540	277
6	463	242
7	375	206
8	291	164
9	193	113
10	66	45
10.33	0	0

HEAD (ft)	Q1 (gph)	Q2 (gph)
0	991	476
1	937	446
2	861	412
3	786	376
4	712	343
5	621	306
6	528	264
7	408	222
8	305	169
9	176	111
10	25	20
10.17	0	0

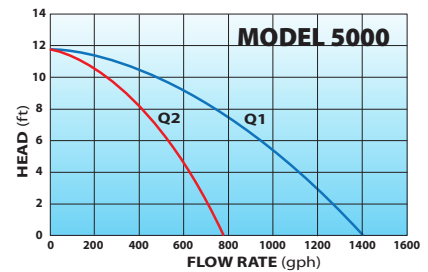
HEAD (ft)	Q1 (gph)	Q2 (gph)
0	1400	793
1	1347	750
2	1278	708
3	1205	666
4	1129	622
5	1041	581
6	906	535
7	801	484
8	695	425
9	590	359
10	467	276
11	295	159
11.65	0	0



Q1: Valve Open Q2: Valve Closed
 Flow Rate calculated with flooded suction and no output restriction.

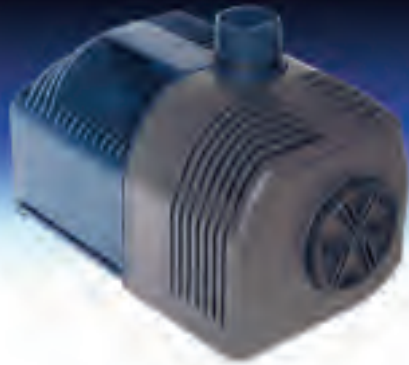


Q1: Valve Open Q2: Valve Closed
 Flow Rate calculated with flooded suction and no output restriction.



Q1: Valve Open Q2: Valve Closed
 Flow Rate calculated with flooded suction and no output restriction.

6000

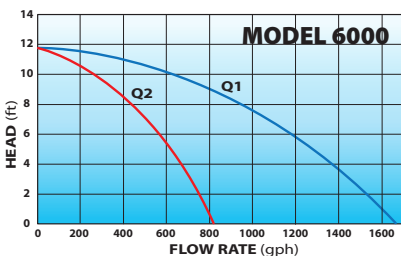


MODEL 6000

Maximum Gallons Freshwater **624**
Maximum Gallons Saltwater **416**

Part No. R440107
Model 6000
GPH 1664
Max Ht. Ft. 11.65
Watt 135
Amp 1.18
Suction 1" MPT
Discharge 1" MPT
115 Volt/60 Hz

HEAD (ft)	Q1 (gph)	Q2 (gph)
0	1664	819
1	1592	786
2	1514	737
3	1419	690
4	1321	638
5	1214	589
6	1070	534
7	925	475
8	766	410
9	587	330
10	421	244
11	180	119
11.65	0	0



9000

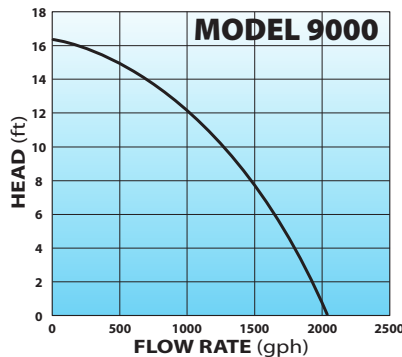


MODEL 9000

Maximum Gallons Freshwater **765**
Maximum Gallons Saltwater **510**

Part No. R440108
Model 9000
GPH 2040
Max Ht. Ft. 16.4
Watt 125
Amp 3.10
Suction 1 1/2" MPT
Discharge 1 1/2" MPT
20' 3-pin cord
115 Volt/60 Hz

FLOW RATE (gph)	HEAD (ft)
2040	0
1609	5.3
1271	9.6
967	12.4
539	14.8
0	16.4



14000

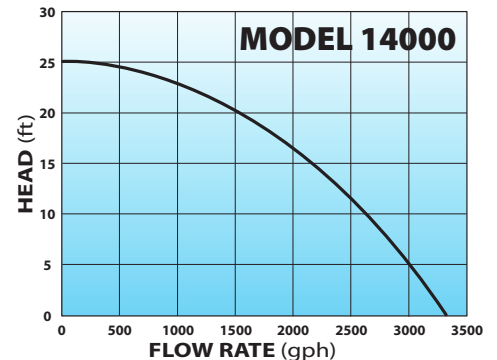


MODEL 14000

Maximum Gallons Freshwater **1240**
Maximum Gallons Saltwater **827**

Part No. R440109
Model 14000
GPH 3307
Max Ht. Ft. 25.0
Watt 175
Amp 2.50
Suction 1 1/2" MPT
Discharge 1 1/2" MPT
20' 3-pin cord
115 Volt/60 Hz

FLOW RATE (gph)	HEAD (ft)
3307	0
2926	5.7
2440	12.8
1760	19.6
787	23.3
0	25



QUIET ONE® AQUARIUM PUMPS

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Part No.	UPC 788379+	Model	GPH	Max. Ht. Ft.	Watt	Amp	Suction	Discharge	Max. Gals. Freshwater	Max. Gals. Saltwater	Features	Pre-Filter	Cord	Dimensions L x W x H
R440464	313128	200	53	1.64	5.5	0.09	Screen	1/2" tube	20	14	Flow Control	No	6'	2 1/4" x 2 1/4" x 4 1/4"
R440465	313135	400	106	2.13	7.0	0.09	Screen	1/2" tube	40	26	Flow Control	No	6'	2 1/4" x 2 1/4" x 4 1/4"
R440101	300005	800	220	4.37	13.5	0.24	Screen	1/2" tube	85	55	Flow Control	Yes	6'	2 3/4" x 2 1/2" x 2 1/2"
R440102	300012	1200	296	6.10	25.5	0.40	1/2" MPT	1/2" MPT	110	75	Flow Control, Fitting Adapters 1/2" - 3/4"	Yes	6'	3 3/4" x 2 3/4" x 3 1/4"
R440110	310981	2200	594	10.66	45.0	0.46	1" MPT	1" MPT	220	150	Flow Control, Fitting Adapters 1/2" - 3/4"	Yes	6'	6.11" x 4.02" x 4.33"
R440103	300029	3000	819	10.33	55.0	0.54	1" MPT	1" MPT	307	204	Flow Control, Fitting Adapters 3/4" - 1"	Yes	6'	6.11" x 4.02" x 4.33"
R440104	300074	4000	991	10.17	65.0	0.60	1" MPT	1" MPT	372	248	Flow Control, Fitting Adapters 3/4" - 1"	Yes	6'	6.11" x 4.02" x 4.33"
R440106	300227	5000	1400	11.65	115.0	1.00	1" MPT	1" MPT	525	350	Flow Control, Fitting Adapters 3/4" - 1"	Yes	6'	7.68" x 4.56" x 5.32"
R440107	300234	6000	1664	11.65	135.0	1.18	1" MPT	1" MPT	624	416	Flow Control, Fitting Adapters 3/4" - 1"	Yes	6'	7.68" x 4.56" x 5.32"
R440108*	310967	9000	2040	16.40	125.0	3.10	1 1/2" MPT	1 1/2" MPT	765	510	Fitting Adapters 3/4" - 1"	No	20'	9 1/2" x 7 1/2" x 6 1/2"
R440109*	310974	14000	3307	25.00	175.0	2.50	1 1/2" MPT	1 1/2" MPT	1240	827	Fitting Adapters 3/4" - 1"	No	20'	9 1/2" x 7 1/2" x 6 1/2"

Recommended turnover rate in Aquarium fresh water systems is 2 times per hour and Aquarium salt water systems 3 times per hour. Flow rate is reduced by 25% to account for loss in filter and plumbing. * Combination Aquarium/Fountain Package

LIFEGARD® QUIET ONE® PUMP FLOW CHART

Pump Model	Max GPH Flow	Min* GPH Flow	Max Flow at 1'	Max Flow at 2'	Max Flow at 3'	Max Flow at 4'	Max Flow at 5'	Max Flow at 6'	Max Flow at 7'	Max Flow at 8'	Max Flow at 9'	Max Flow at 10'	Shut Off Feet
200	53	35	30										1.64'
400	106	55	71	15									2.13'
800	220	140	189	154	109	36							4.37'
1200	296	175	270	241	210	175	125	20					6.10'
2200	594	404	563	528	493	455	410	361	308	258	188	96	10.66'
3000	819	423	781	731	672	611	540	463	375	291	193	66	10.33'
4000	991	476	937	861	786	712	621	528	408	305	176	25	10.17'
5000	1400	793	1347	1278	1205	1129	1041	906	801	695	590	467	11.65'
6000	1664	819	1592	1514	1419	1321	1214	1070	925	766	587	421	11.65'
9000	2040		2000	1920	1837	1749	1656	1579	1500	1423	1341	1237	16.4'
14000	3307		3250	3181	3115	3050	3000	2932	2865	2794	2713	2644	25'
16000	3915		3800	3700	3551	3434	3300	3155	2997	2806	2625	2387	14.8'

* With Flow Control Closed



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