

## Compare Water Pumps

*Drs. Foster & Smith Educational Staff*

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([Wavemakers](#)) |

<u>Little Giant 'Quarium</u>					
Model	Flow gph	Max Head	Watts	Inlet	Outlet
2-MDQ-SC	510	14.4 ft	96	1/2"	1/2"
3-MDQ-SC	700	18.0 ft	90	3/4"	1/2"
3-MDQX-SC	1100	14.0 ft	100	1"	1"
4-MDQ-SC	850	24.3 ft	150	1"	1/2"
4-MDQX-SC	1325	17.0 ft	145	1"	1"
5.5-MDQ-SC	2150	44.0 ft	445	1"	3/4"

<u>Lifeguard Self-Priming External</u>					
Model	Flow gph	Max Head	Watts	Inlet	Outlet
1/6 HP	3000	12 ft	409.4	1-1/2"	1-1/2"
1/2 HP	3600	38 ft	793.5	1-1/2"	1-1/2"
3/4 HP	4860	50 ft	1058	1-1/2"	1-1/2"
1 HP	5760	53 ft	1380	1-1/2"	1-1/2"

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<u>Mag Drive</u>					
Model	Flow gph	Max Head	Watts	Inlet	Outlet
MD5	500	10 ft	45	1/2" NPT	1/2" NPT
MD7	700	12 ft	60	1/2" NPT	1/2" NPT
MD9.5	950	14 ft	93	3/4" NPT	3/4" NPT
MD12	1200	15 ft	110	3/4" NPT	3/4" NPT
MD18	1800	21 ft	145	3/4" NPT	3/4" NPT

<u>Quiet One</u>					
Model	Flow gph	Max Head	Watts	Inlet	Outlet

<b>1200</b>	296	6.10 ft	25.5	1/2" MPT	1/2" MPT
<b>2200</b>	594	10.66 ft	45.0	1" MPT	1" MPT
<b>3000</b>	819	10.33 ft	55.0	1" MPT	1" MPT
<b>4000</b>	991	10.17 ft	65.0	1" MPT	1" MPT
<b>5000</b>	1400	11.65 ft	115.0	1" MPT	1" MPT
<b>6000</b>	1664	11.65 ft	135.0	1" MPT	1" MPT
<b>9000</b>	2040	16.40 ft	125.0	1-1/2" MPT	1-1/2" MPT
<b>14000</b>	3307	25.00 ft	175.0	1-1/2" MPT	1-1/2" MPT

#### Eheim Hobby

<b>Model</b>	<b>Flow gph</b>	<b>Max Head</b>	<b>Watts</b>	<b>Inlet</b>	<b>Outlet</b>
<b>1046</b>	80	4 ft	5	12/16mm	9/12mm
<b>1048</b>	160	5 ft	10	12/16mm	12/16mm
<b>1250</b>	320	6.5 ft	28	16/22mm	12/16mm
<b>1260</b>	634	12.1 ft	65	25/34mm	16/22mm
<b>1262</b>	898	11.8 ft	80	25/34mm	16/22mm

#### Mini Pico Evolution

<b>Model</b>	<b>Flow gph</b>	<b>Max Head</b>	<b>Watts</b>	<b>Inlet</b>	<b>Outlet</b>
<b>200</b>	70	1.6 ft	3.5	*	1/2"
<b>400</b>	100	2.3 ft	3.5	*	1/2"
<b>600</b>	160	1.25 ft	4	*	5/8"
<b>800</b>	200	1.3 ft	6.5	*	3/4"
<b>1000</b>	260	2 ft	8	*	3/4"
<b>1200</b>	300	2.3 ft	8	*	3/4"

#### Seltz All-Purpose

<b>Model</b>	<b>Flow gph</b>	<b>Max Head</b>	<b>Watts</b>	<b>Inlet</b>	<b>Outlet</b>
<b>L20</b>	185	4.16 ft	11		1/2" tubing
<b>L30</b>	320	6.25 ft	23		1/2" tubing
<b>L40</b>	740	7.5 ft	55		5/8" tubing

\*screen pre-filter intake

**Adjustable Flow Pumps**

<b><u>Koralia Controllable</u></b>						
<b>Model</b>	<b>Flow Rate (gph)</b>		<b>Watts</b>		<b>Dimensions</b>	<b>Aquarium Size</b>
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>		
<b>Koralia Nano</b>	100	260	0.6	3.8	2" x 3"	10-30 gallons
<b>Koralia 1</b>	180	450	0.6	3.9	2.25" x 5"	25-40 gallons
<b>Koralia 2</b>	260	680	1.6	9.2	2.88" x 5.88"	30-50 gallons
<b>Koralia 3</b>	370	950	1.6	10	2.88" x 5.88"	45-75 gallons
<b>Koralia 4</b>	550	1,400	2.3	13.7	3.25" x 6.25"	55-90 gallons

<b><u>Koralia Magnum Pumps</u></b>						
<b>Model</b>	<b>Flow Rate (gph)</b>		<b>Watts</b>		<b>Dimensions</b>	<b>Aquarium Size</b>
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>		
<b>Magnum 5</b>	600	1,900	2	8	4.25" x 6.5"	110-180 gallons
<b>Magnum 6</b>	800	2,500	4	10	4.25" x 6.5"	150-250 gallons
<b>Magnum 7</b>	900	3,100	5	19	4.25" x 6.5"	180-300 gallons
<b>Magnum 8</b>	1,100	3,500	6	22	4.25" x 6.5"	220-360 gallons

<b><u>VorTech EcoSmart</u></b>						
<b>Model</b>	<b>Flow Rate (gph)</b>		<b>Watts</b>		<b>Dimensions</b>	<b>Aquarium Size</b>
	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>		
<b>MP10ES</b>	200	1,575	8	18	2.5" dia x 1.5" high	up to 50 gallons
<b>MP10w ES</b>	200	1,575	8	18	2.5" dia x 5" high	up to 50 gallons
<b>MP40w ES</b>	1,000	3,200	9	28	3" dia x 5" high	50-500 gallons
<b>MP60w ES</b>	3,500	7,500	10	60	4" dia x 3" high	120-1,000+ gallons

**Single Flow Pumps**

<b><u>Aqueon Circulation Pump</u></b>					
<b>Model</b>	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>		<b>Aquariums</b>
<b>500</b>	500	2.6	4-1/2" x 2-3/8" x 3-1/2" high		20-40 gallons

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<b>700</b>	700	2.8	5-1/4" x 2-7/8" x 4-1/4" high	30-55 gallons
<b>950</b>	950	6.3	5-1/2" x 2-7/8" x 4-1/4" high	55-90 gallons
<b>1250</b>	1250	7.5	5-3/4" x 2-7/8" x 4-1/4" high	75-125 gallons
<b>1650</b>	1650	8.3	5-7/8" x 2-7/8" x 4-1/4" high	125-180 gallons
<b>2400</b>	2400	13.9	6" x 2-7/8" x 4-1/4" high	180-250 gallons
<b><u>Koralia Nano</u></b>				
<b>Model</b>	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>	<b>Aquariums</b>
<b>240</b>	240	3.5	2" x 3-3/4"	10-28 gallons
<b>425</b>	425	3.5	2" x 3-3/4"	15-50 gallons
<b><u>Koralia Evolution</u></b>				
<b>Model</b>	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>	<b>Aquariums</b>
<b>550</b>	550	4.5	2-7/8" x 5-3/4"	25-70 gallons
<b>750</b>	750	4.5	2-7/8" x 5-3/4"	30-90 gallons
<b>1050</b>	1,050	5	2-7/8" x 5-3/4"	45-125 gallons
<b>1400</b>	1,400	6	2-7/8" x 5-3/4"	55-160 gallons
<b><u>Koralia Magnum</u></b>				
<b>Model</b>	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>	<b>Aquariums</b>
<b>5 Magnum</b>	1,650	8	4-1/4" x 6-1/2"	110-180 gallons
<b>6 Magnum</b>	2,200	10	4-1/4" x 6-1/2"	150-250 gallons
<b>7 Magnum</b>	2,700	12	4-1/4" x 6-1/2"	180-300 gallons
<b>8 Magnum</b>	3,250	19	4-1/4" x 6-1/2"	220-360 gallons
<b><u>Pico Evo-Mag</u></b>				
<b>Model</b>	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>	<b>Aquariums</b>
<b>180</b>	180	4	1-1/4" x 3-1/4" x 2-3/8" high	up to 20 gallons
<b><u>BioCube Circulation Pump</u></b>				
	<b>Flow gph</b>	<b>Watts</b>	<b>Dimensions</b>	<b>Aquariums</b>
	250	2.6	2-3/4" x 1-3/4" x 1-7/8" high	15-30 gallons

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