

PRIME AQUARIUM CHILLER SIZING GUIDE

TOTAL AQUARIUM SYSTEM SIZE* (GALLONS)	MODEL	SIZE & DESCRIPTION	RECOMMENDED FLOW RATE (GALLONS/HR)
Prime Mini Chillers			
0-50	2680	1/15 HP Prime Chiller with Dual Stage Thermostat (Integrated)	100-350 gph
50-90	2635	1/10 HP Prime Chiller with Dual Stage Thermostat (Integrated)	300-720 gph
Prime Tower Chillers			
90-125	2645	1/4 HP Prime Tower Chiller with Integrated Single Stage Thermostat	300-600 gph
125-175	2646	1/3 HP Prime Tower Chiller with Integrated Single Stage Thermostat	360-720 gph
Prime Drop-In Coil Chillers			
125-260	2600	1/4 HP Prime Drop-In Chiller with Single Stage Thermostat	540-960 gph
260-360	2601	1/3 HP Prime Drop-In Chiller with Single Stage Thermostat	720-1320 gph
125-260	2602	1/4 HP Prime Drop-In Chiller with Dual Stage Thermostat	540-960 gph
260-360	2603	1/3 HP Prime Drop-In Chiller with Dual Stage Thermostat	720-1320 gph
Prime Flow-Thru Chillers			
125-260	2604	1/4 HP Prime Modular Chiller with Single Stage Thermostat UV/Heater Option	540-960 gph
260-360	2606	1/3 HP Prime Modular Chiller with Single Stage Thermostat UV/Heater Option	720-1320 gph
125-260	2614	1/4 HP Prime Modular Chiller with Dual Stage Thermostat UV/Heater Option	540-960 gph
260-360	2616	1/3 HP Prime Modular Chiller with Dual Stage Thermostat UV/Heater Option	720-1320 gph
Prime Commercial Chillers			
360-550	2605	1/2 HP Prime Chiller with Single Stage Thermostat (No UV Option)	840-1560 gph
550-1300	2610	1.0 HP - 120V Prime Chiller with Single Stage Thermostat (No UV Option)	1200-2160 gph
1300-2200	2642	1.5 HP Chiller/Heater with Single Stage Thermostat	1440-2520 gph
2200-2650	2640	2 HP Chiller/Heater with Single Stage Thermostat	1440-2520 gph
2600-4000	2641	3 HP Chiller/Heater with Single Stage Thermostat	1440-2520 gph

* Total Aquarium System Size is the total volume of water including the tank, sump and filtration lines.

Chiller Sizing Tips:

Always increase to the next size chiller when any of the following conditions are present:

1. A high intensity lighting system is being used - metal halide systems can add a tremendous amount of heat
2. Lighting system is installed under a canopy - canopies are generally poorly ventilated or not ventilated at all
3. Hot or humid location - warm air temperatures or high humidity conditions greatly decrease chiller efficiency

4. Multiple (3 or more) submersible pumps or powerheads are being used

5. Chiller will be located underneath a stand or in a tight space where there is inadequate ventilation

6. Chiller is at the upper range of volume size listed above

For further chiller specifications, instruction manuals, chiller FAQ's and photos - go to www.current-usa.com