

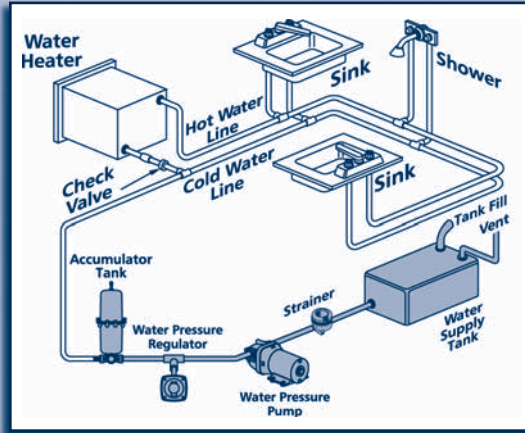
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SIZING YOUR WATER SYSTEM PUMPS

Water systems come in an endless array of flows, pressures, voltages and duty cycles. The most important thing to remember in selecting a water system pump is not to oversize. When installing a water system pump it is important to include an appropriately sized accumulator tank and suction strainer. An oversized pump and/or lack of an accumulator tank will cause pressure switch cycling, pulsating flow, excessive power consumption and reduced service life.

In smaller vessels we recommend selecting a pump that will deliver 1 1/2 - 2 gallons per minute for each fixture you expect to commonly function at the same time (2 fixtures would require 3 - 4 gallons per minute). Your vessel may have 4 fixtures (head, galley, freshwater washdown and deck sink). However, it is highly unlikely you would ever have all four running at the same time. In this situation, sizing your pump for two fixtures (3 - 4 gpm) would be our recommendation.

Larger vessels (yachts to mega-yachts) often use "home type" fixtures on sinks and showers that require higher flow to function optimally. Here we recommend 1 1/2 - 3 1/2 gallons per minute per the number of fixtures you expect to commonly function at the same time (four operating outlets would require 10 - 14 gallons per minute).



BOTTLED WATER DISPENSER

This system is ideal for automatically supplying bottled water to a refrigerator ice/water dispenser and/or a water tap. It comes complete with a demand water pump, 20 feet of 1/4" discharge tube, suction tube with a universal cap for a 5 gallon jug, and float switch for automatic shutoff when the bottle is empty. See page 17 for details.

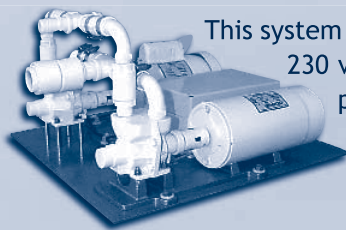


NEW VARIABLE SPEED TECHNOLOGY CONSERVES POWER AND ELIMINATES THE NEED FOR AN ACCUMULATOR TANK

Advanced electronics allow these compact and affordable water system pumps to utilize a pressure sensor (not a pressure switch) in combination with a variable speed motor to maintain constant pressure at your outlets even when more than one faucet on your vessel (up to the max flow of the pumps) is on at the same time! This unique feature also eliminates the need for a bulky accumulator tank while only drawing the amperage your exact demanded flow requires. See page 13 for details.



AC/DC PARALLEL WATER SYSTEM



This system combines a DC (12, 24 or 32 vdc) and an AC (115 or 230 vac) Paragon Senior. The AC Paragon is the primary pump and operates whenever AC power is present while the DC Paragon operates whenever AC power is absent.

LARGE AC SYSTEMS AVAILABLE FOR LARGE YACHTS

Complete selection of large AC water systems are available including custom configurations to meet your exact requirements (3 phase, IEEE-45 enclosure, ABS, Lloyds and USCG specifications). See page 67 in the Mega Yacht section.

