



CENTRAL STERILE SERVICES SIZING GUIDE

Obtain the model numbers, manufacturer, and flow requirements for each washer/disinfector, sterilizer/boiler, sonic washer and other systems and sink. To determine the gallons per hour for each unit, find out how many cycles per hour and how long each cycle is. Calculate the total gallons per hour needed for the central sterile services system by using the formula below.

Model/Mfg	Gal/Hr	x	# of Systems	=	Total Gallons Per Hour
TOTAL					

Choose a system from the chart below based on the total gallons per hour required. For safety and future expansion, **always** choose the next largest size.

Gallons Per Hour	Deionizer	Pump	Tank Size (Gals)	Model	Description
Less Than 50**	Yes	N/A	N/A	00HC-2002	Silex deionizer, 4 resin packs, 2 cartridge filters
Up to 30* with blend valve	Yes	Std	55	00HC-2045	ROS, 55 gal tank, std pump, Silex deionizer
		High Flow	55	00HC-2050	ROS, 55 gal tank, high flow pump, Silex deionizer
	No	Std	55	00HC-2015	ROS, 55 gal tank, std pump, no deionizer
		High Flow	55	00HC-2019	ROS, 55 gal tank, high flow pump, no deionizer
Up to 108* with blend valve	Yes	Std	55	00HC-2046	RO2, 55 gal tank, std pump, Silex deionizer
			100	00HC-2047	RO2, 100 gal tank, std pump, Silex deionizer
			185	00HC-2048	RO2, 185 gal tank, std pump, Silex Deionizer
		High Flow	55	00HC-2051	RO2, 55 gal tank, high flow pump, Silex deionizer
			100	00HC-2052	RO2, 100 gal tank, high flow pump, Silex deionizer
			185	00HC-2054	RO2, 185 gal tank, high flow pump, Silex deionizer
	No	Std	55	00HC-2016	RO2, 55 gal tank, std pump, no deionizer
			100	00HC-2017	RO2, 100 gal tank, std pump, no deionizer
			185	00HC-2018	RO2, 185 gal tank, std pump, no deionizer
		High Flow	55	00HC-2020	RO2, 55 gal tank, high flow pump, no deionizer
			100	00HC-2021	RO2, 100 gal tank, high flow pump, no deionizer
			185	00HC-2023	RO2, 185 gal tank, high flow pump, no deionizer
Up to 162* with blend valve	Yes	High Flow	100	00HC-2053	RO3, 100 gal tank, high flow pump, Silex deionizer
			185	00HC-2055	RO3, 185 gal tank, high flow pump, Silex deionizer
	No		100	00HC-2022	RO3, 100 gal tank, high flow pump, no deionizer
			185	00HC-2024	RO3, 185 gal tank, high flow pump, no deionizer
Up to 210* with blend valve	Yes	High Flow	100	00HC-2056	RO4, 100 gal tank, high flow pump, Silex deionizer
			185	00HC-2057	RO4, 185 gal tank, high flow pump, Silex deionizer
	No		100	00HC-2025	RO4, 100 gal tank, high flow pump, no deionizer
			185	00HC-2026	RO4, 185 gal tank, high flow pump, no deionizer
Up to 300* with blend valve	Yes	High Flow	185	00HC-2060	RO3X, 185 gal tank, high flow pump, Silex deionizer
	No			00HC-2030	RO3X, 185 gal tank, high flow pump, no deionizer

* Gallons per hour for the ROS, RO2, RO3, and RO4 are listed at 60% of the rated capacity due to variables such as feed pressure, feed water quality, and temperature. By adding the blend valve (00HC-5001) the feed inlet water temperature is maintained at 77°F, which increases the RO product output. For additional information, see catalog pages.

** Capacity is dependant upon incoming water quality. A water analysis of the incoming water supply is recommended prior to selecting this model.

Larger systems are available. Contact AmeriWater for help with sizing.