



Pressurized Reserve

Description

The pressurized storage reserve is used to smooth out the availability of pure water to the humidifier. Peaks in water demand, for example draining the tank for service, can require more water than the reverse osmosis unit can supply instantaneously.

The advantages of pressurized reserve are that the water is completely sealed in the pure water network and it does not require any other accessories to be added to the system.

The pressurized reserve is a rigid shell with a flexible bladder inside. The air in the rigid shell is preloaded to 20psi. Then water is pumped by the reverse osmosis treatment unit in the bladder, forcing the air to rise in pressure, until the 50psi threshold is reached.



Model Specifications

Part Number	Nom. Size [GAL]	Act. Volume [GAL]	DIA. [in]	H [in]	Port Size	Dry Weight [lb.]	Full Weight [lb.]
WS PRSR015	15	10	16.5	25.6	1 NPT	20	110
WS PRSR020	20	14	16.5	34	1 NPT	26	150
WS PRSR040	40	25	21.4	36.5	1.25 NPT	38	250
WS PRSR080	80	50	24.2	52	1.25 NPT	65	480
WS PRSR120	120	74	24.2	72	1.25 NPT	80	700

General Technical Specifications

Description	
Material	Shell: Epoxy sealed polypropylene and fiberglass composite Bladder: Butyl Rubber
Maximum Pressure	100psi
Maximum temperature	120°F (49°C)