

- *Flow rate up to 300 GPM per tank*
- *Capacity to 2,100K grains*
- *3" top — or side-mount configuration*
- *Steel or fiberglass*

## **GS Series**

### **Heavy Commercial Water Softeners**



#### **Control Valve**

The GS Series valve achieves optimum performance using Teflon-coated, lead-free, solid brass piston and corrosion-resistant spacers and seals. This piston design offers long-term operation with minimal maintenance. Tight tolerances and precision machining optimize piston performance, even in challenging environments.

#### **Regeneration Controller**

Sterling offers you a choice of regeneration initiation to meet the requirements of any application. Choose from metered regeneration or time clock activation. Controls are fully adjustable and easy to operate. The GS Series control operates all steps of regeneration for both single and multiple tank configurations, including backwash, downflow brining, slow rinse, rapid rinse, brine refill, and downflow service.

#### **Media Tank**

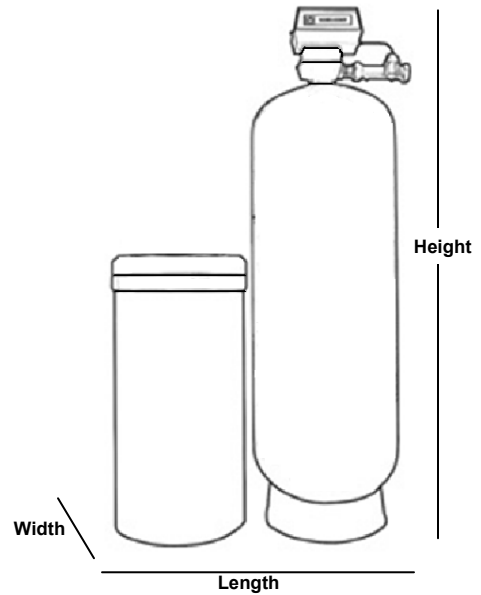
Noncorrosive composite mineral tanks are rated for 150 psi operating pressures and environments up to 120°F. Optional carbon steel mineral tanks are available. Steel tanks are epoxy lined and rated for 100 psi operating pressures. Steel tanks are primed and painted for a protective finish.



# GS SERIES

## SPECIFICATIONS

Model Number	Tank Sizes		Installed Dimensions			Shipping Weight
	Softener	Brine Tank	Length	Width	Height	
GS300	24" x 72"	30" x 50"	64"	40"	100"	920 lbs
GS360	30" x 72"	30" x 50"	70"	40"	104"	1170 lbs
GS450	30" x 72"	39" x 48"	79"	49"	104"	1325 lbs
GS600	36" x 72"	39" x 48"	85"	49"	104"	1935 lbs
GS750	36" x 72"	42" x 60"	88"	52"	104"	2205 lbs
GS900	42" x 72"	42" x 60"	94"	52"	110"	2930 lbs
GS1200	48" x 72"	50" x 60"	108"	60"	109"	3810 lbs
GS1650	63" x 86"	60" x 60"	133"	73"	123"	5975 lbs
GS2100	63" x 116"	72" x 60"	145"	82"	153"	6810 lbs



Model Number	Pipe Size	Max. Capacity/ lbs of Salt (15# / ft <sup>3</sup> )	Medium Capacity/ lbs of Salt (9# / ft <sup>3</sup> )	Min. Capacity/ Lbs of Salt (6# / ft <sup>3</sup> )	Flow Rate (GPM)			Resin Quantity (cu. ft.)
					Service Rate @ 15 psi Drop	Peak Rate @ 25 psi Drop	Backwash Rate	
GS300	3"	300,000 / 150	240,000 / 90	180,000 / 60	95	147	15	10
GS360		360,000 / 180	288,000 / 108	216,000 / 72	147	213	25	12
GS450		450,000 / 225	360,000 / 135	270,000 / 90	131	193	25	15
GS600		600,000 / 300	480,000 / 180	360,000 / 120	160	231	30	20
GS750		750,000 / 375	600,000 / 225	450,000 / 150	147	213	30	25
GS900		900,000 / 450	720,000 / 270	540,000 / 180	176	246	45	30
GS1200		1,200,000 / 600	960,000 / 360	720,000 / 240	190	261	60	40
GS1650		1,650,000 / 825	1,320,000 / 495	990,000 / 330	220	293	100	55
GS2100		2,100,000/1050	1,680,000 / 630	1,260,000/420	213	285	100	70
DGS300		3"	600,000 / 300	480,000 / 180	360,000 / 120	190	294	15
DGS360	720,000 / 360		576,000 / 216	432,000 / 144	294	426	25	24
DGS450	900,000 / 450		720,000 / 270	540,000 / 180	262	492	25	30
DGS600	1,200,000 / 600		960,000 / 360	720,000 / 240	380	522	30	40
DGS750	1,500,000 / 750		1,200,000 / 450	900,000 / 300	294	426	30	50
DGS900	1,800,000 / 900		1,440,000 / 540	1,080,000/360	352	492	45	60
DGS1200	2,400,000/1200		1,920,000 / 720	1,440,000/480	380	522	60	80
DGS1650	3,300,000/1650		2,640,000 / 990	1,980,000/660	440	586	100	110
DGS2100	4,200,000/2100		3,360,000/1260	2,520,000/840	426	570	100	140

NOTE: The letter "D" in prefix indicates dual units; Use an "M" in the prefix to denote meter initiated regeneration (i.e. GSM300). Peak flow rates should not be used for unit sizing. Alternating standby configuration is available on DGSM series units by using -SB suffix to model number (i.e. DGSM 300-SB). The flow rates of comparable sized single units will apply.

