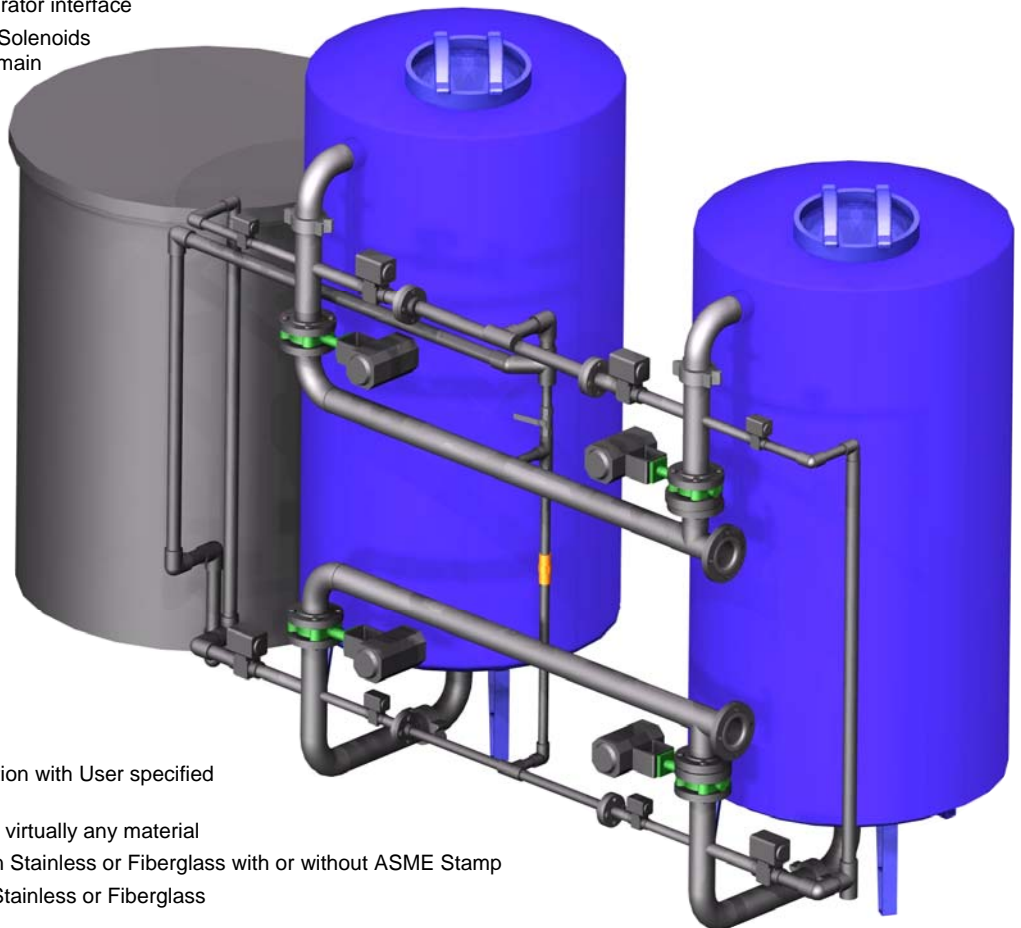


Softening and Ion Exchange Systems

Standard Features:

- Individual Valve Nest Configuration
 - 2" and smaller : 304SS 3 piece ball valve with air to spring actuator
 - 3" and larger: CI lugged butterfly valve, EPDM seat, and 304SS Disc with air to spring actuator
- 304SS welded pipe manifold
- Carbon Steel Mineral Tanks
 - Enamel exterior
 - NSF approved Epoxy Liner
- 304SS Internals including spiral wound resin retention screens
- HDPE Brine Tanks w/covers
- Solid State Regeneration Control
 - Custom Programmable
 - Text based operator interface
 - Individual Pilot Solenoids for interface to main valves
 - 316SS Paddle wheel Flow meter reading totalization and flow rate
 - NEMA 12 Enclosure



Options:

- Custom Piping Configuration with User specified components
- Pipe manifold available in virtually any material
- Mineral Tanks available in Stainless or Fiberglass with or without ASME Stamp
- Brine Tanks available in Stainless or Fiberglass
- Onboard Diagnostics
- Touch Screen operator interface
- User Specified PLC
- 316SS Paddle wheel Flow meter reading Drain totalization and flow rate
- NEMA 4 or 4X Enclosure

Softener Specifications

MODEL NUMBER		SERVICE FLOW RATES			SERVICE FLOW RATE	GRAIN CAPACITY RANGE				GRAIN CAPACITY	Size of Tanks		GRAIN CAPACITY
SINGLE	TWIN ALTERNATING	NORMAL (GPM)	PEAK (GPM)	per regeneration				diameter x height in inches					
				MAXIMUM		MINIMUM		Mineral Tank(s)	Brine Tank				
				KGrains	Salt used (lbs.)	KGrains	Salt used (lbs.)						
SWS-1654-105	TAWS-1654-105	20	30	1	105	51	65	21	500	16x54	24x48	3.5	
SWS-2048-150	TAWS-2048-150	30	40	1 1/2	150	75	100	30		20x48		5	
SWS-2448-210	TAWS-2448-210	40	60		210	105	140	42		24x48		7	
SWS-2460-270	TAWS-2460-270			60	80	2	270	135	180	54	700	24x60	30x48
SWS-3048-330	TAWS-3048-330	330	170				220	66	30x48	11			
SWS-3060-450	TAWS-3060-450	450	225			300	90	30x60	15				
SWS-3660-600	TAWS-3660-600	100	140	3	600	300	400	120	1000	36x60	39x48	20	
SWS-3672-750	TAWS-3672-750	110	150		750	375	500	150	36x72	25			
SWS-4272-1100	TAWS-4272-1100	140	175		1,100	560	735	220	2000	42x72	48x60	37	
SWS-4872-1200	TAWS-4872-1200	180	250	4	1,200	600	800	240	3200	48x72	60x60	40	
SWS-5472-1500	TAWS-5472-1500	200	350		1,500	750	1,000	300		54x72		50	
SWS-6072-1800	TAWS-6072-1800	250	400		1,800	900	1,200	360		60x72		60	
SWS-7272-3000	TAWS-7272-3000	340	500	6	3,000	1,700	2,260	680	4500	72x72	72x60	113	

Chloride Type Dealkalizer Specifications

MODEL NUMBER		SERVICE FLOW RATES			SERVICE FLOW RATE	GRAIN CAPACITY				GRAIN CAPACITY	Size of Tanks		GRAIN CAPACITY
SINGLE	TWIN ALTERNATING	MINIMUM (GPM)	NORMAL (GPM)	PEAK (GPM)		per regeneration					diameter x height in inches		
						CAUSTIC		Mineral Tank(s)	Brine Tank				
					KGrains	Salt used (lbs.)	FLAKE (lbs)			50%LIQ (gal.)			
SDA-1654-38	TADA-1654-38	3.5	3.5-10	14	1	38	18	0.9	0.1	500	16x54	24x48	3.5
SDA-2048-55	TADA-2048-55	5.5	5.5-15	20	1 1/2	55	25	1.3	0.2		20x48		5
SDA-2448-77	TADA-2448-77	7.5	7.5-21	28		77	35	1.8	0.3		24x48		7
SDA-2460-99	TADA-2460-99	7.5	9-27	36	2	99	45	2.3	0.4	700	24x60	30x48	9
SDA-3048-121	TADA-3048-121	12	12-33	44		121	55	2.8	0.4	30x48	11		
SDA-3060-165	TADA-3060-165	12	15-45	60		165	75	3.8	0.6	1000	30x60	39x48	15
SDA-3660-220	TADA-3660-220	17	20-60	80	220	100	5.0	0.8	36x60	20			
SDA-3672-275	TADA-3672-275	17	25-75	100	275	125	6.3	1.0	36x72	25			
SDA-4272-330	TADA-4272-330	23	30-90	120	3	330	150	7.5	1.2	2000	42x72	48x60	30
SDA-4872-440	TADA-4872-440	30	40-120	160		440	200	10.0	1.6		48x72		40
SDA-5472-550	TADA-5472-550	38	50-150	200		550	250	12.5	2.0		3200		54x72
SDA-6072-660	TADA-6072-660	47	60-180	240	4	660	300	15.0	2.3	3200	60x72	60x60	60
SDA-7272-1100	TADA-7272-1100	68	100-300	400		6	1,100	500	25.0		3.9		4500

Components



Crane/Centerline
Butterfly Valves

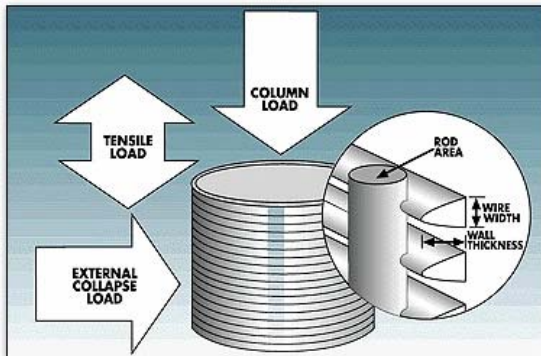


GE Versamax PLC
and
AVG Touch Screens



SS Paddle Wheel Flow
Sensors

Spiral Wound
Screen
construction



YOUR SUPPLIER:

Walter Louis Fluid Technologies, established in 1971, operates sales offices in Illinois and Missouri with manufacturing and warehousing facilities in Quincy, IL. In addition to the manufacture of custom designed unit operations (water softeners, dealkalizers, reverse osmosis systems), we supply the water treatment industry with a wide range of chemicals and chemical injection systems. We specialize in custom blended boiler, cooling tower, and closed loop inhibitors, along with biocides and wastewater chemicals. Our field service staff employs the latest in quality assurance technology, dedicated to ensuring maximum protection for your equipment. From cooling tower and boiler cleaning to custom process control systems, Walter Louis Fluid Technologies has the capability to address all your water treatment requirements.

SERVICES AVAILABLE :

- *Cooling & Heating System Evaluation*
- *Onsite & Laboratory Analysis*
- *Burner Optimization and Repair Service*
- *Custom Machine and Process Controls*

Chemical Equipment Services

Specialty Chemicals

- Cooling Water Corrosion & Scale Inhibitors
- Boiler Compounds
- Condensate Return Line Treatments
- Organic & Inorganic Flocculants for Water & Waste Water
- Industrial Microbiocides
- Fuel Additives
- Process Antifoams
- Oil Field Chemicals
- Chemical Intermediates

Fluid Process Equipment

- Membrane Process
- Ion Exchange
- Filtration
- Chemical Feed Systems
- Heat Recovery
- Package Water & Waste Water Systems
- Process Controllers
- Boiler Feed Systems

Analytical Services

- NPDES Monitoring
- Analytical Reagents
- Corrosion Analysis
- Laboratory Instrumentation
- Ultra Pure Water Systems