

MultiFlow*

Cost-Contained Fluid Treatment to Suit Specific Needs

Description and Use

The patented MultiFlow System puts GE's state-of-the-art fluid treatment technology in a variety of convenient, cost-effective formats, delivering maximum versatility and custom loading capabilities.

nation thereof. Only GE's MultiFlow System delivers so much flexibility in a compact, fully portable package.

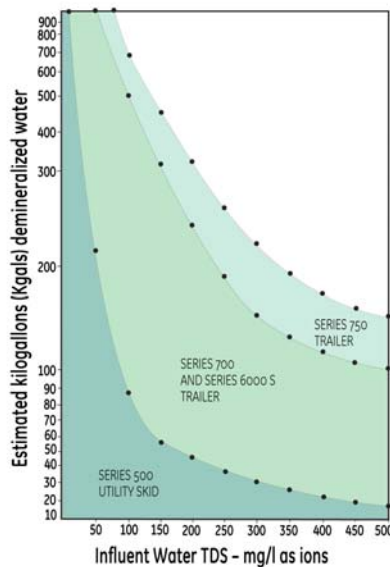
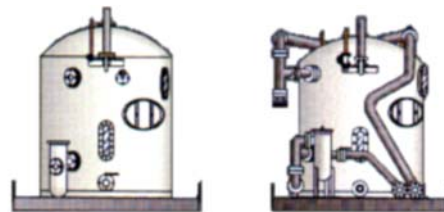


Figure 1: The MultiFlow system DI processing capacity

The Series 750, 700, and 6000 S utility trailers provide high volume performance at a low cost. The skid-mounted MultiFlow 500 utility units can place up to 250 GPM (57 m³/hr) of treatment capacity virtually anywhere you can drive a forklift or reach by crane. MultiFlow Systems can perform a wide variety of fluid treatment processes, including demineralization, deoxygenation, softening, dealcalization, filtration and liquid chemical decontamination. All units can be specially prepared and custom loaded to exact specifications with ion exchange, filtration media, carbon or any combi-



Series 500 utility skid.

Series 500 SS utility skid.

Figure 2: The Series 500 utility skids. Skid-mounted units delivering up to 250 GPM (56 m³/hr) of treated water with 90 cf resin or other media capacity. Can be connected to permanent water treatment systems for on-site backup or installed in series or parallel configuration. Built-in forklift ports and lifting lugs expedite loading and unloading

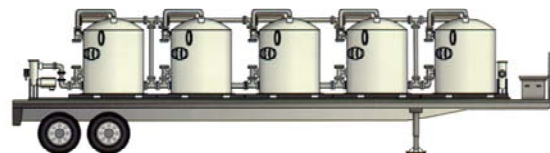


Figure 3: The Series 750 trailer, 3.8 million grain capacity with five ASME code, rubber lined pressure vessels. Flow rates up to 500 gpm (113 m³/h). Unit has wide range of applications and full flexibility to fit unique treatment schemes.

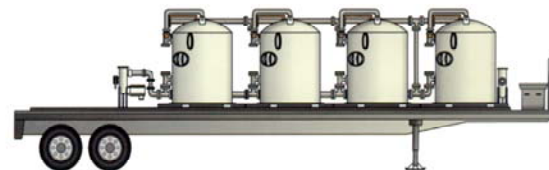


Figure 4: The Series 700 trailer, three million grain capacity with four ASME code, rubber-lined pressure vessels. Flow rates up to 400 GPM (91 m³/hr)



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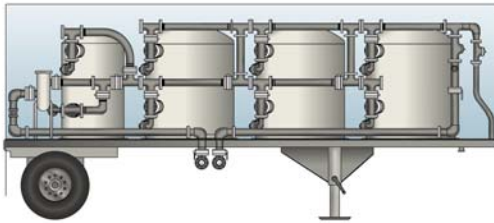


Figure 5: The Series 6000 S TRAILER. Three million grain capacity with four ASME code, rubber-lined pressure vessels. Flow rates up to 300 GPM (68 m³/h). Also available in three-vessel version.



Figure 6: Decarbonator. GE's forced-draft aerator, available in sizes from 200 gpm (45 m³/h) to 1000 gpm (225 m³/h)

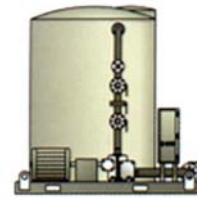


Figure 7: Automatic Regeneration Softening System.

Table 1

SERIES Mount	500 Skid		500SS Skid		6000S Trailer		700 Trailer*		750 Trailer*		Decarbonator Skid	
Vessels												
Quantity	1		1		4 **		4		5		N/A	
Shell	Carbon steel		316L Stainless steel		Carbon steel		Carbon steel		Carbon steel		Fiberglass	
Total capacity	90 cf		90 cf		300 cf		360 cf		450 cf		N/A	
Max. flow rate	250 GPM	57 m ³ /hr	250 GPM	57 m ³ /hr	225 GPM (series)	51 m ³ /hr (series)	250 GPM (series)	57 m ³ /hr (series)	250 GPM (series)	57 m ³ /hr (series)	250 GPM	57 m ³ /hr
Max. inlet pressure	100 psig	6.9 bar	150 psig	10.3 bar	100 psig	6.9 bar	100 psig	6.9 bar	100 psig	6.9 bar	100 psig	6.9 bar
Max. temperature	120° F	49° C	200° F	93° C	120° F	49° C	120° F	49° C	120° F	49° C	120° F	49° C
Dimensions and Weights												
Length	88"	2.23m	88"	2.23m	28'	8.3 m	45'	13.7m	45'	13.7m	88"	2.23m
Width	84"	2.13 m	84"	2.13 m	8'	2.43 m	8'	2.43 m	8'	2.43 m	84"	2.13 m
Height	90"	2.29 m	90"	2.29 m	13.5'	4.1 m	12'6"	3.81 m	12'6"	3.81 m	96"	2.43 m
Shipping weight	8,000 lbs	3,640 kg	8,000 lbs	3,640 kg	34,600 lbs	15,743 kg	45,000 lbs	20,475 kg	53,000 lbs	24,115 kg	4,000 lbs	1,820 kg
Operating weight	10,000 lbs	4,550 kg	10,000 lbs	4,550 kg	42,200 lbs	19,201 kg	53,000 lbs	24,115 kg	63,000 lbs	28,665 kg	8,000 lbs	3,640 kg
Forklift ports	Yes		Yes		No		No		No		Yes	
Inlet/outlet connections	2 1/2" NST		3" flange		2 1/2" NST		2 1/2" NST		2 1/2" NST		2 1/2" NST	
Instrumentation, Controls and Electrical												
Inlet flow meter	Yes		No		Yes		Yes		Yes		N/A	
Conductivity meter	Optional		No		Yes		Yes		Yes		N/A	
Audible alarm	Optional		No		Yes		Yes		Yes		N/A	
Final filter	Yes		Yes		Yes		Yes		Yes		N/A	
Pressure gauges	Yes		Yes		Yes		Yes		Yes		N/A	
Heater with fan and thermostat	No		No		Yes		No		No		N/A	
Electrical power required	110v, 1 phase, 60 HZ, 10 Amps		N/A		110v, 1 phase, 60 HZ, 15 Amps		110v, 1 phase, 60 HZ, 15 Amps		110v, 1 phase, 60 HZ, 15 Amps		480v, 3 phase, 60 HZ, 25 Amps	
*Trailers are equipped with CAL-OSHA approved floor surface, perimeter handrails and optional loss-of-power shut-down valve. **Also available in three-vessel version.												