



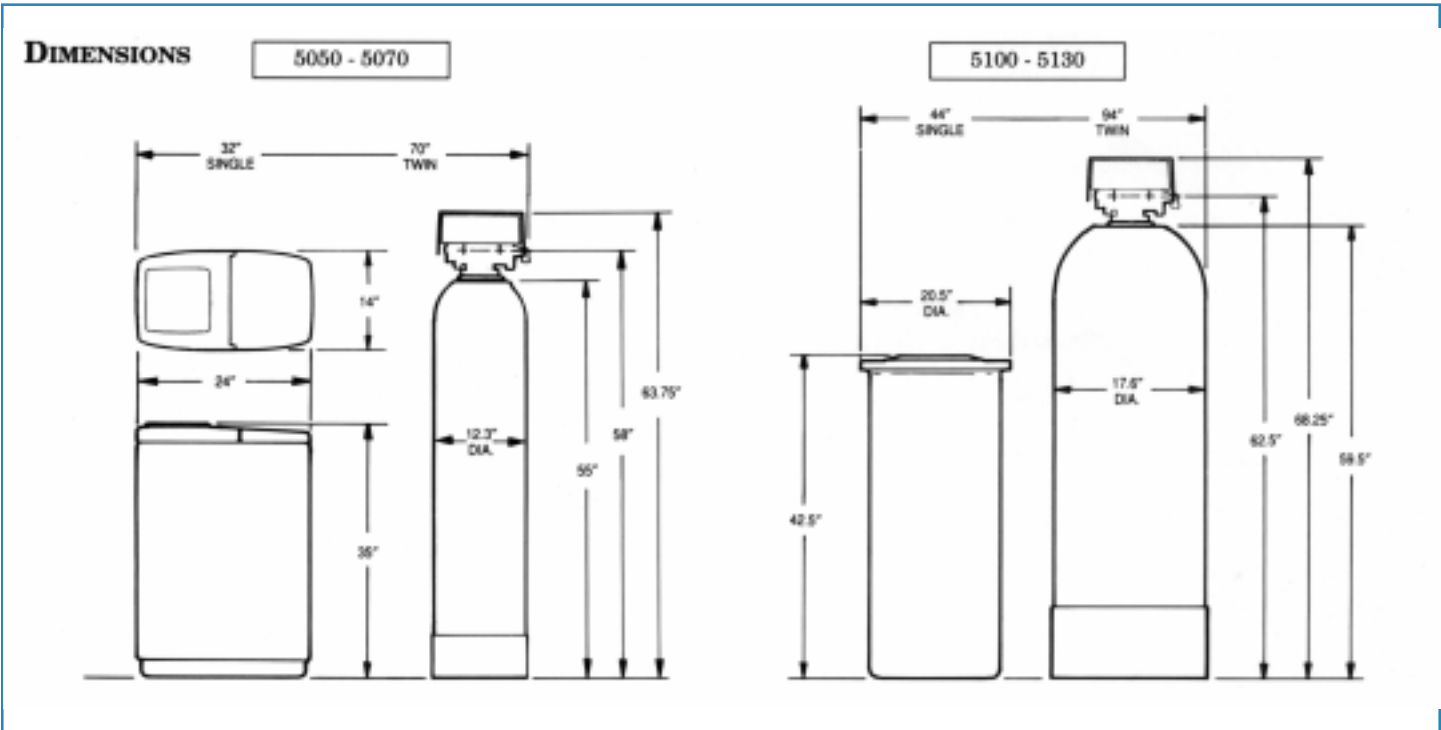
ECOWATER
SERIES
5000

COMMERCIAL HEAVY DUTY WATER
SYSTEM MODELS 5050FA/FB,
5070FA/FB, 5100FA/FB AND
5130FA/FB

FEATURES

- Electronic Demand or Solid State Timer Control Module
- EcoWater's Exclusive Ecogizer™ Process
- Six-Cycle Valve with Easy-Clamp Ring
- Dynamic Brine-Making System
- Counter-Current Brining
- Washed Quartz Underbedding
- Automatic Bypass during regeneration
- Optional Inlet Bypass Valve
- Fiberglass Reinforced Resin Tank
- Aqua Turbine™
- 24-Volt Transformer
- Self-Cleaning Upper and Lower Distributors
- High-Density Salt Storage Tank
- Exceptional Flow Rates

Shown with optional tank wrap insulation



ECOWATER SERIES 5000 COMMERCIAL HEAVY DUTY WATER SYSTEM MODELS 5050FA/FB, 5070FA/FB, 5100FA/FB AND 5130FA/FB

SPECIFICATIONS

MODEL:	5050FA/FB	5050FA/FB	5100FA/FB	5130FA/FB
Capacity (grains) @ Salt	23,200 @ 4.5 37,300 @ 8.3	31,000 @ 6.0 49,700 @ 11.0	45,000 @ 9.0 69,000 @ 15.3	60,000 @ 12.0 95,000 @ 21.6
Usage (lbs.)	51,400 @ 15.3	68,500 @ 20.4	93,000 @ 25.0	130,000 @ 38.0
Resin Quantity	1½ Cu. ft.	2 cu. ft.	3 Cu. ft.	4 cu. ft.
Connecting Pipe Size ¹	Connecting Pipe Size ¹	FA - 1" FB - 1-1/2"	FA - 1" FB - 1-1/2"	FA - 1" FB - 1-1/2"
Salt Storage Tank Capacity	400 lbs.	400 lbs.	450 lbs.	450 lbs.
Operating Water Pressure Range	30 - 125 psi	30 - 125 psi	30 - 125 psi	30 - 125 psi
Operating Water Temperature Range	35 - 100°F	35 - 100°F	35 - 100°F	35 - 100°F
Operating Ambient Temperature Range	35 - 150°F	35 - 150°F	35 - 150°F	35 - 150°F
Maximum Drain Flow During Recharge	5 GPM	5 GPM	8 GPM	8 GPM
Recharge Water Use At Maximum Salt Dosage	102 gal.	108 gal.	166 gal.	180 gal.
Maximum Clear Water Iron	5 ppm	5 ppm	5 ppm	5 ppm
Electrical Rating	24V - 60Hz	24V - 60Hz	24V - 60Hz	24V - 60Hz

¹The FB models provide for direct connection of 1½" copper tube to the 1" service valve.

OPERATIONAL FLOWS:

Model	Flow Rate (GPM) and Pressure (PSI) Loss (ΔP)							
	5 GPM	10 GPM	15 GPM	20 GPM	25 GPM	30 GPM	35 GPM	40 GPM
5050FA/FB	2.2 ΔP	5.6 ΔP	10.4 ΔP	16.3 ΔP	23.1 ΔP	31.1 ΔP		
5070FA/FB	2.6 ΔP	6.6 ΔP	11.8 ΔP	18.3 ΔP	26.0 ΔP	34.8 ΔP		
5100FA/FB	1.3 ΔP	3.8 ΔP	7.3 ΔP	11.8 ΔP	17.4 ΔP	24.1 ΔP	31.8 ΔP	
5130FA/FB	1.4 ΔP	4.0 ΔP	7.8 ΔP	12.7 ΔP	18.6 ΔP	25.7 ΔP	33.7 ΔP	

The above data was obtained from tests run by the University of Minnesota St. Anthony Falls Engineering Lab.

The EcoWater Series 5000 Commercial Heavy Duty Water System is subject to a limited warranty that may give you specific rights. A copy of the warranty is printed on the Series 5000 full-line brochure. Please read the warranty carefully before purchasing or using an EcoWater Series 5000 Water System.