

## RF SERIES

Composite vessels featuring the top mount Task Master IV 5-cycle valve. Economical high corrosion resistant applications.

### APPLICATIONS

- Boiler Feed Water
- Restaurants
- Laboratories
- Large Offices
- Large Residential
- Schools & Universities
- Truck Stops
- Carwash & Laundrymats
- Convenient Stores

### STANDARD FEATURES

- Inlet/Outlet: 1-1/2" & 2"
- Task Master IV - Five Cycle 316SS Valve
- ERCt Electronic Timer
- Polyglass Mineral Tanks - 150psi
- PVC Internals
- Single Point ABS Distributors / Hub & Lateral
- Accumatic Brine System
- WK-100 Cation Resin - 8% DVB Crosslink
- 110V 60Hz, Single Phase

### OPTIONAL FEATURES

- Single, Twin, Triplex, Quad Mineral Tanks
- PVC SCH80 Piping
- Galvanized SCH40 Piping
- 304 / 316 Stainless Steel Piping
- 304 / 316 Stainless Steel Internals
- Stainless Steel Valves
- Pressure Gauge and Test Tap Kit



Shut Off Kit

Tank Bottom Drain

Skid Mounting

Pipe Racks

Demand Regeneration

PW 1-1/2" & 2" Flow Meter 316SS

Signet Flow Meter w/ Saddle

10% DVB Crosslink Resin

Centurion III Lead Lag Control

Custom PLC Options

Brine Reclaim

Stainless Steel Pilot Valve Tubing

Hydraulic or Pneumatic Operated Pilot Valves

## Performance

Model	Mineral Tank Dia x Ht	Resin Vol	Capacity	Brine Tank Dia x Ht	Salt Storage	Salt Per Regen	1-1/2" Cont [Peak] Flow	2" Cont [Peak] Flow	3" Cont [Peak] Flow	4" Cont [Peak] Flow	BW Rate
	in	cu ft	kgr	in	lbs	lbs	gpm	gpm	gpm	gpm	gpm
RF-50	12x52	1-1/2	49	18x40	320	29	37 [51]	39 [54]	-	-	4
RF-70	13x54	2-1/4	69	18x40	320	29	36 [50]	38 [53]	-	-	4
RF-100	14x65	3-1/4	100	18x40	320	29	36 [49]	37 [52]	-	-	5
RF-120	16x65	4	120	24x50	780	51	39 [53]	42 [56]	-	-	6
RF-150	21x62	5	153	24x50	710	66	46 [60]	49 [64]	-	-	10
RF-180	21x62	6	180	24x50	710	66	45 [59]	48 [63]	-	-	10
RF-210	21x62	7	210	24x50	710	66	44 [58]	47 [62]	-	-	10
RF-240	24x72	8	245	24x50	640	91	46 [60]	49 [65]	-	-	15
RF-270	24x72	9	270	24x50	640	91	46 [60]	49 [64]	-	-	15
RF-300	24x72	10	293	24x50	640	91	45 [59]	48 [64]	-	-	15
RF-450	30x72	15	432	30x50	900	145	49 [64]	53 [69]	-	-	25
RF-600	36x72	20	594	39x50	2000	204	50 [65]	55 [70]	-	-	35
RF-750	42x72	25	731	39x50	2000	244	51 [66]	56 [71]	-	-	50

- Continuous flow at 15 psi head loss. Peak flow at 25 psi head loss. Flow rates are shown per tank. Head loss includes SOK.
- Operating Conditions: 25 to 100 psi; 100°F Max Temperature
- Other sizes and configurations are available. Contact Water King for assistance.



## PROVEN IN PRACTICE



