



AQUASOFT

Packaged Up Flow Water Softener



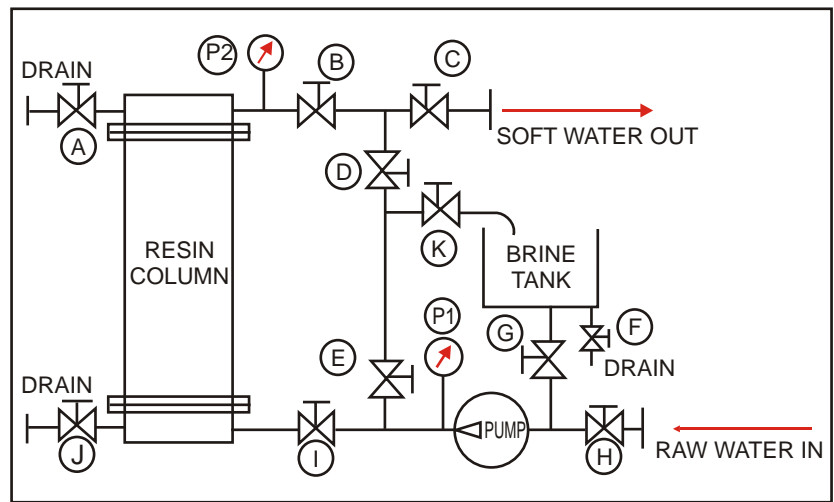
Outstanding Features:

- Consistent High Quality Soft Water
- High Softening Cycle Life
- Over Safe Design
- Can Take Variations In Feed Water Hardness
- Long Resin Life
- In Situ Regeneration And Washing
- Positive Regeneration Method

Constructional Features:

- Rubber Paint Coated Body and HDPE Brine Tank
- Up Flow Resin Arrestors
- Down Flow Resin Arrestors
- Pipe Line And Valves To Suit,
 - Fresh Water Filling In Brine Tank
 - Soft Desolution Cycle
 - Regeneration Cycle
 - Resin Washing Cycle (upwards And Downwards)

SCHEMATIC DIAGRAM



MODEL	MINIMUM** EXCHANGE CYCLE FLOW RATE	OUTPUT/REGENERATION BASED ON RAW WATER HARDNESS IN PPM AS CaCO ₃										
		50	75	100	125	150	175	200	250	300	350	400
Units	m ³ /hr	m ³										
003	0.15	28.0	18.7	14.6	11.2	9.3	8.0	7.0	5.6	4.6	4.0	3.5
005	0.25	46.4	31.0	23.2	18.6	15.5	13.3	11.6	9.3	7.8	6.7	5.8
007	0.38	69.6	46.4	34.8	27.8	23.2	19.9	17.4	13.9	11.6	9.9	8.7
010	0.50	92.8	61.9	46.4	37.1	30.9	26.5	23.2	18.6	15.5	13.3	11.6
012	0.63	116.0	77.3	58.0	46.4	38.7	33.1	29.0	23.2	19.3	16.6	14.5
015	0.75	139.2	92.8	69.6	55.7	46.4	39.8	34.8	27.8	23.2	19.9	17.4
020	1.00	185.6	123.7	92.8	74.2	61.9	53.0	46.4	37.1	30.9	26.5	23.2
025	1.25	232.0	154.7	116.0	92.8	77.3	66.3	58.0	46.4	38.6	33.1	29.0
030	1.50	278.4	185.6	139.2	111.4	92.8	79.5	69.6	55.7	46.4	39.8	34.8
035	1.75	324.8	216.5	162.4	129.9	108.3	92.8	81.2	64.9	54.1	46.4	40.6
040	2.00	371.2	247.2	185.6	148.5	123.7	106.0	92.8	74.2	61.8	53.0	46.4
050	2.50	464.0	309.3	232.0	185.6	154.6	132.5	116.0	92.8	77.3	66.3	58.0
060	3.00	556.8	371.2	278.4	222.7	185.6	159.0	139.2	111.4	92.8	79.5	69.6
070	3.50	649.6	433.0	324.8	259.8	216.5	185.6	162.4	129.9	108.2	92.8	81.2
080	4.00	740.0	493.0	370.0	296.0	246.6	211.0	185.6	148.0	123.3	105.7	92.5
100	5.00	928.0	618.5	464.0	371.0	309.3	265.1	232.0	185.6	154.6	132.5	116.0
110	5.50	1020.0	680.5	510.4	408.0	340.2	291.6	255.2	204.2	170.1	145.8	127.6
120	6.00	1112.0	741.3	556.5	444.8	370.6	317.7	278.0	222.4	185.6	158.8	139.0
150	7.50	1391.0	927.5	695.6	556.5	463.7	397.5	347.4	278.2	231.8	198.7	173.9

- ♦ **MAXIMUM EXCHANGE CYCLE FLOW RATE IS TWICE THE MINIMUM EXCHANGE CYCLE FLOW RATE.
- ♦ MAXIMUM WORKING PRESSURE OF THE SOFTENER IS 3.5 kg/cm²
- ♦ THE OUTPUT WATER HARDNESS WILL BE LESS THAN 5 PPM AS CaCO₃
- ♦ MAXIMUM PRESSURE DROP ACROSS THE UNIT WILL BE 1.7 kg/cm²

OUR OTHER PRODUCTS RANGE

- ♦ **FLUIDTHERM** - Three Pass Oil/Gas Fired Fully Automatic Thermic Fluid Heaters (50000 kcal/hr To 2500000 kcal/hr)
- ♦ **AIRPACK** - Oil/gas Fired Fully Automatic Hot Air Generators (25000 kcal/hr To 2000000 kcal/hr)
- ♦ **AQUAWARM - A** Three Pass Coil Type Oil/Gas Fired Pressurised/non Pressurised Hot Water Generators (50000 kcal/hr To 2500000 kcal/hr and above)
- ♦ **AQUAWARM - B** Smoke Tube Shell And Tube Type Hot Water Generators (25000 kcal/hr To 2500000 kcal/hr & above)
- ♦ **FBD** - Batch type Fluid Bed Dryers (5 kg/batch to 500 kg/batch)
- ♦ **FLAMELITE** - Oil/Gas Fired Fully Automatic Highly Efficient Burners

- Contact Us -

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