



## DUPLEX FLECK SOFTENERS

Model Fleck Valves Duplex	AIS9000/xxx D					
	20	30	40	50	60	80
xxx						
Nominal service flowrate (m3/hr)	0.8	1.2	1.6	2	2.4	3.2
Service capacity @ 200 ppm (m3)	5	7.5	10	12.5	15	20
Vessel size	8x35	10x35	10x44	10x54	12x48	13x54
Resin Volume	20	30	40	50	60	80
Valve Type	9000					
Brine tank	140	140	200	200	200	300
Brine Tank Dimensions (mm)	465x850	465x850	575x775		590x975	
Backwash Flowrate	4.5	9.1	9.1	9.1	13.25	15.2
Regen. Water Usage	104	175	217	219	363	397
Inlet and Outlet Connections	1" BSPF					
Drain Line	3/8" BSPF					
Power	240V - 24V transformer, 50Hz					

### Standard specifications:

- Multiport control valve for service and regeneration
- Glass fibre reinforced pressure vessels
- Medium density polyethylene brine tanks
- Simplex units supplied with timer or volumetric controller
- Multiplex units supplied with programmable microprocessor control
- Systems supplied and installed by Applied Ionics

Use simplex units for low flow applications with storage capacity. Duplex units are recommended for applications requiring continuous flow.

### System Options

- Bypass valve for simplex systems
- Remote stop / start for duplex and larger units
- In-line hardness monitor
- Service / alarm relay outputs

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