



## DUPLEX FLECK SOFTENERS

Model Fleck Valves Duplex	AIS9000/xxx D				
xxx	100	120	140	200	250
Nominal service flowrate (m <sup>3</sup> /hr)	4	4.8	4.8	4.8	4.8
Service capacity @ 200 ppm (m <sup>3</sup> )	25	30	35	50	62.5
Vessel size	14x65	14x65	16x65	22x60	22x60
Resin Volume	100	120	140	200	250
Valve Type	9000				
Brine tank	400	500	500	750	1000
Brine Tank Dimensions (mm)	780x900	800x1110		950x1.1m	1mx1.3m
Backwash Flowrate	19	19	26.5	38	38
Regen. Water Usage	583	590	810	1703	1734
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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