


# Saltreat Water Deionizers

Using special kits from  **Saltreat** DI's generate ultra-pure water, with extremely low conductivities, that can be used for sensitive applications such as perfumes, glass & aluminum factories, electronics industry .. etc. Saltreat DI's are two – bed systems where water passes, successively, through cationic & anionic beds of exchange resins.



## Specification table : Saltreat deionizers

SALTREAT Model	Tank Size (inches)	Volume of resin in each bed (Liters)	Exchange capacity (Grains CaCO3)	Flow rate (gpm)
DI-10-25	10" x 44"	25	17,675	2 – 4
DI-10-45	10" x 54"	45	31,815	4 – 6
DI-12-60	12" x 48"	60	42,420	6 – 8
DI-13-75	13" x 54"	75	53,025	8 – 10
DI-14-100	14" x 65"	100	70,700	10 – 12
DI-14-125	14" x 65"	125	88,375	10– 13
DI-21-150	21" X 60"	150	106,050	13 – 15
DI-21-200	21" X 60"	200	141,400	15 – 20
DI-24-300	24" X 69"	300	212,100	20 - 30
DI-30-425	30" X 72"	425	300,475	30 - 45
DI-36-575	36" X 72"	575	406,525	40 - 60
DI-36-700	36" X 72"	700	494,900	50 - 75

The Siata valves used in all DI models are made of high quality ABS material. Configuration of the valves : top – mounted.

## Main features of DI kits :



DI components kit is composed of a fully electronic and automatic controller with activation of regeneration by conductivity set-point. Moreover the kit is composed of one cationic and one anionic non-metallic ABS multi-ways valves complete with inlet and outlet fittings. Anionic valve is equipped with conductivity probe for the detection of the quality of DI water. Hydraulic valves for regenerant suction, regenerant suction regulators and hydraulic valve for the closure of the outlet are included, as well as a holder for the controller.



**WATER TREATMENT DIVISION**