

GEMINI Junior



Environmental Water Systems (UK) Ltd deionising system is a two stage deioniser, producing from 1 m³/hr to 4 m³/hr of deionised water for a range of uses including metal finishing, boiler feed and general manufacturing purposes. The system typically produces less than 25µS/cm quality removing up to 98% of total dissolved solids.

The Gemini Junior provides a cost effective solution for the production of small to medium volumes of deionised water.

- Ready to use, skid mounted Deionising system, ensuring minimal installation requirements.
- Operated via a management control system which provides status indication lamps with conductivity control, alarm and manual override ensuring operational flexibility with minimal operator attention.
- Automatic plant regeneration and return to operation with minimal or no operator intervention.
- Efficient chemical usage, ensuring competitive running / maintenance costs
- GRP Skid - strong, robust, corrosion resistant and light weight.
- Service orientated design minimising down time for servicing, maximising usage.

Optional

- Rinse recycle system reducing regeneration waste volume thus minimizing running and effluent treatment costs
- Acid fume system for carboy operation to reduce fumes to atmosphere

Technical Information

Vessel Size	Diameter	8"	10"	13"	14"	16"
	Height	35"	44"	54"	65"	65"
Service Flow	(m ³ /hr)	1	1.5	2	2.5	4
Capacity pre Regen @ 200 ppm feed	(m ³ hr)	3.5	8	14	17.5	21
Regenerant Consumption, Acid @ 30% HCl	Litres	3	8	11	14	19
Regenerant Consumption, caustic @ 30% NaOH	Litres	4	9	15	20	25

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