



EMAR S.R.L.

GLASS WORKING EQUIPMENT

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AUTOMATIC WATER DEMINERALIZERS

Mod. M2CA 50/75/100

Voltage		: 230 Vac. 50 Hz.
Cyclic rated output (gr.CaCO ₃)	MOD.50/75/100	: 1.600 / 2.400 / 3.200
Max delivery lt./h	MOD.50/75/100	: 1.400 / 2.100 / 2.800
Regenerans kg. HCl 33%	MOD.50/75/100	: 12 / 17 / 23
Regenerans kg.NaOH 30%	MOD.50/75/100	: 13 / 20 / 27
Cationic Resin vol.	MOD.50/75/100	: 45 / 65 / 90
Anionic Resin vol.	MOD.50/75/100	: 50 / 75 / 100
Treated water purity		: higher than 200.000 ohm/cm with salinity not over 350 ppm
Height	MOD.50/75/100	: 1.700 / 1.700 / 2.000 mm
Lenght	MOD.50/75/100	: 700 / 750 / 800 mm
Width	MOD.50/75/100	: 500 / 500 / 600 mm
Weight	MOD.50/75/100	: 70 / 80 / 100 Kg

The water demineralizers Mod. 2 CA are fitted with 2 separate bed columns containing cationic anionic resins and having a high exchange power. Unlike other sophisticated units, their construction is simple, functional and reliable; its components are tested, long-lasting and require a minimum maintenance. All components are made of acid-resistant material. The ionic exchange resins are contained in two vinylester bottles resistant to water pressure max 3 bar. An electronic meter (fitted with an alarm signal that can be calibrated) ensures a constant control of the treated water and indicates when the resins need regeneration. Regeneration of the resins is started by simply pushing a button and it is performed automatically. Each unit is fitted with two plastic containers for the regenerants that are drawn directly from the containers placed on the floor. In case of current failure the regeneration can be performed manually.

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