

DEMINERALIZATORS MODEL ECODMW



Where it is necessary high qualità demineralised water for any use of wahing, baths preparation and refilling



APPLICATIONS

Surface Treatment
Coating
Anodic Oxidation
Printed circuit boards

allows to eliminate the pollutants dissolved in the water trough ionic exchange. The resins exchange cationic elements like Al^{3+} , Ca^{2+} , Mg^{2+} , Ni^{2+} , Na^+ , K^+ , with H^+ and anionic elements like Cr^{6-} , Cl^- ,

ECOTEAM produces demineralisation plant with closed loop on rinsing systems and/or for the production of de-ionising water from raw water. The demineralisation process

NO_3^- , CN^- , F^- with OH^- . Ionic exchange is a reversible process. The regeneration is done using acid (HCl or H_2SO_4) on cationic resin and base ($NaOH$) on anionic resin.

Organic substances, that may pollute the ionic resins, are treated with a granular carbon filter placed before the resin filters.

Demineralisation plant can be produced in a single (**Simplex**) or double (**Duplex**) line. Simplex plant are designed for a maximum of two shifts otherwise Duplex plants are designed for 24/24 hours production.



MODEL	HOUR PRODUCTION [l/h]	SIMPLEX N° COLONNE	DUPLEX N° COLONNE
ECODMW-50	1.000	2 - 3 - 4	4 - 5 - 7
ECODMW-100	2.500	2 - 3 - 4	4 - 5 - 7
ECODMW-200	5.000	2 - 3 - 4	4 - 5 - 7
ECODMW-250	7.000	2 - 3 - 4	4 - 5 - 7
ECODMW-300	9.000	2 - 3 - 4	4 - 5 - 7

(*) More details on demand

