

INDION® Elegant Industrial Range



The latest INDION Elegant range comprises a family of twin bed deioniser incorporating state-of-the-art counter current flow ion exchange technology, previously available only in large custom designed plants.

The design uses strong acid cation (SAC) and strong base anion (SBA) resins in columns. Optional features include degasser tower (DGT) and layered bed anion (LBA) column (instead of SBA) to produce highest quality of demineralised water at significantly lower capital and operating cost.

The operation cycle of these packaged units are controlled by volume throughput, which can be pre-programmed into the PLC based on the type of feed water. INDION Elegant is exceptionally compact. It is skid-mounted on a corrosion resistant frame which also accommodates stainless steel pumps.

Features & Advantages

- Standard range 10 - 120 m³/h available in manual operating mode or automatic control by PLC
- Incorporates INDION uniform particle size resins, operating on counter current mode
- Produces demineralised water of conductivity 1 - 10 μ S/cm and reactive silica 10 - 30 ppb
- Optional HMI for read-out of system status, audible alarm and no flow alarm
- Smaller footprint than conventional demineraliser plant
- Minimal installation & commissioning time and cost

Technical Data

| Size of Vessel in (mm) | | Maximum Flow Rate m ³ /h | General Configuration | | |
|------------------------|------|--|--|---------|-----------------------------|
| Diameter | HOS | | Working Pressure kg/cm ² | | Material of Construction |
| | | | Minimum | Maximum | |
| 600 | 1875 | 10 | 2 | 3.5 | MS RL |
| 800 | 1875 | 20 | 2 | 3.5 | MS RL |
| 1000 | 1875 | 30 | 2 | 3.5 | MS RL |
| 1200 | 1875 | 40 | 2 | 3.5 | MS RL |
| 1400 | 1875 | 60 | 2 | 3.5 | MS RL |
| 1600 | 1875 | 80 | 2 | 3.5 | MS RL |
| 1800 | 1875 | 100 | 2 | 3.5 | MS RL |
| 2000 | 1875 | 120 | 2 | 3.5 | MS RL |

Note: Feed water should be free from turbidity, free chlorine, heavy metals, oil and organics.

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional / branch offices for current product specifications.

IONION is the registered trademark of Ion Exchange (India) Limited.

ION EXCHANGE (INDIA) LTD.

Corporate Office

Ion House, Dr. E. Moses Road,
Mahalaxmi, Mumbai 400 011
Tel: +91 22 3989 0909 | Fax: +91 22 2493 8737
E-mail: ieil@ionexchange.co.in

International Division

R -14, T.T.C MIDC, Thane - Belapur Road,
Rabale, Navi Mumbai 400 701
Tel: +91 22 3989 0909 / 3913 2400 | Fax: +91 22 2769 7918
E-mail: export.sales@ionexchange.co.in

OFFICES

| Regional | Telephone | Fax | E-mail |
|---------------|------------------------------|------------------|-------------------------------|
| Chennai | +91 44 3989 0909 / 3910 2900 | +91 44 2815 3361 | checro@ionexchange.co.in |
| Delhi | +91 11 3989 0909 / 3054 3200 | +91 11 2577 4837 | delcro@ionexchange.co.in |
| Kolkata | +91 33 3989 0909 / 3043 3400 | +91 33 2400 4345 | calcro@ionexchange.co.in |
| Vashi | +91 22 3989 0909 / 3913 2300 | +91 22 2788 9839 | mumcro@ionexchange.co.in |
| Branch | | | |
| Bengaluru | +91 80 2204 2888 | +91 80285 32002 | bngcro@ionexchange.co.in |
| Bhubaneswar | +91 674 326 9525 / 257 1491 | | bbsr@ionexchange.co.in |
| Chandigarh | +91 172 274 5011 | +91 172 274 4594 | delcro@ionexchange.co.in |
| Hyderabad | +91 40 3066 3101 / 02 / 03 | +91 40 3066 3104 | hydcro@ionexchange.co.in |
| Lucknow | +91 522 319 9911 | +91 11 2577 4837 | lko.general@ionexchange.co.in |
| Vadodara | +91 265 302 7489 / 90 | +91 265 2352 932 | brdcro@ionexchange.co.in |
| Visakhapatnam | +91 891 324 6253 | +91 891 2572 007 | sales.vizag@ionexchange.co.in |

Factories: Ankleshwar | Hosur | Patancheru | Rabale | Verna

All India Service and Dealer Network

www.ionindia.com