**INDION® SWIFT 5Gx Series**

*Short Cycle Rapid Regeneration*

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

The operational cycle of these rapid regeneration, packaged units are controlled by volume throughout, which is pre-programmed in PLC according to the type of feed water. The ion exchange resins are never fully exhausted ensuring optimum deionised water production at all times.

Regeneration takes just 35 minutes – after a minimum service cycle of four hours – minimising the need for both, a standby plant and the storage of large volumes of water. As regeneration of the cation and anion beds is simultaneous, the effluent streams are largely self-neutralising, reducing waste disposal costs and environmental impact.

INDION Swift 5Gx series of products is exceptionally compact, and is skid-mounted on a corrosion-resistant frame which also accommodates a stainless steel multi-purpose pump. In addition to optimising the performance of the plant during service and regeneration, the pump provides a number of recirculation options to maintain high quality of water in the treated water tank.

INDION Swift 5Gx plus integrates a cation polishing unit (catpol) in order to produce mixed bed water quality meeting stringent international standards.

**Features**

*Short Cycle Ion Exchange Process*
- Rapid regeneration – 35 mins
- Enhanced bacterial control
- Reduced treated water storage cost
- Near neutral effluent

*Skid-mounted & Pre-commissioned*
- Highly treated water quality
- Water quality, conductivity is 1 – 10 μS/cm
- Low operating cost
- Quick start-up time
- Low footprint
- Counter - current regeneration
- High chemical efficiency

*Fully Automatic*
- PLC control
- 10.4” HMI panel displays all unit processes
- Audible alarm & ‘no flow’ alarm circuit
### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>P-1</th>
<th>P-2</th>
<th>P-3</th>
<th>P-4</th>
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<tbody>
<tr>
<td>Max. Flow (m³/h)</td>
<td>2.25</td>
<td>3.75</td>
<td>5.25</td>
<td>7.50</td>
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<tr>
<td>TREATED WATER QUALITY</td>
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<tr>
<td>Conductivity (µS/cm)</td>
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<tr>
<td>Resistivity (mg. ohm-cm)</td>
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<td>pH</td>
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<td>CAPACITY DATA</td>
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<td>Output/Regeneration (m³)</td>
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<td>TREATED WATER QUALITY</td>
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<td>REGENERATION DATA</td>
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<td>Regeneration Time (Approx.) (mins)</td>
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<td>SUPPLY DATA</td>
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<td>Min./Max. Pressure (bar)</td>
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<td>5.5/7.5</td>
<td>5.5/7.5</td>
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<td>PVC Socket Union (mm)</td>
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<td>Drain Connections (mm)</td>
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<td>Headroom Required (mm)</td>
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<td>WEIGHT (Approx.)</td>
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<td>Delivered Wt. (kg.)</td>
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<td>WORKING Wt. (kg.)</td>
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**Our manufacturing units are ISO 9001 & 14001 certified. Our Patancheru unit is also OHSAS 18001 certified.**

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.

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