Elite Systems include the following on one skid for 5-gpm 10-gpm or 15-gpm

- One (1) 316-SS Multi-Stage System Feed Pump
- One (1) inlet uS & flow sensor for feed-forward regeneration
- One (1) Filter Housing for 5-micron Bag Filters for TSS
- Two (2) Cation Exchangers with regeneration control valve
- Two (2) Anion Exchangers with regeneration control valve
- One (1) outlet uS & pH sensor for feed-back regeneration
- Three (3) actuated valve for feed, product & off-spec water control
- One (1) Allen Bradley (AB) CompactLogix PAC Controller
- One (1) AB 5” Panelview for Human-Machine Interface
- One 150-gal HDLPE System Feed Tank with analog level sensor

Swift Systems have the following simplified regeneration controls

- One (1) Click PLC for system operation
- One (1) uS sensor for outlet & recirculation control
- One (1) On/Off switch for feed pump activation
- Volumetric regeneration by valve internal water meter

System Selection

1. System Size?
   - 5-gpm, 10-gpm or 15-gpm

2. Is this system used to purify potable water?
   - If “Yes”, then go to the next question
   - If “No, consult with us to specify a CIX recycling system

3. Is there analytical data of feed water?
   - If "Yes" supply water data for review
   - If "No" we require answers to the following questions A, B, & C

A. Is feed water Total Dissolved Solids <450 mg/L?
   - If "Yes" this is a suitable application
   - If "No" but is <600 mg/l, provide flow to confirm suitability

B. Does feed water contain >2 mg/l of chlorine?
   - If "Yes", an off-skid carbon pre-filter is required that we can specify
C. Does the influent contain >5 mg/l of suspended solids?
   • If "Yes", an off-skid Macrolite pre-filter is required that we can specify

4. Are there specifications for the product DI water?
   • If “Yes” answer the following questions A and B
   • If "No" specifications provided in datasheets apply

A. Is the required product water quality better than 3 uS/cm?
   • If "Yes" a CIX HP-type system or off-skid mixed-bed resin is required

B. Are there specifications for pH, TOC, silica, or particles?
   • If "Yes", provide specifications to confirm suitability
   • If "No" specifications provided in datasheets apply

5. Does the customer have a wastewater treatment system?
   • Neutralization is necessary although does not require a permit
   • If there is no treatment system, we can specify and propose

6. Systems
   • Standard Elite & Swift - includes components detailed on the page 1
   • Optional Adders – Off-Skid integrated Macrolite or Carbon pre-filters

<table>
<thead>
<tr>
<th>System</th>
<th>Flow</th>
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</thead>
<tbody>
<tr>
<td>WDI5 Elite</td>
<td>5-GPM</td>
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<tr>
<td>WDI10 Elite</td>
<td>10-GPM</td>
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<tr>
<td>WDI15 Elite</td>
<td>15-GPM</td>
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<tr>
<td>WDI5 Swift</td>
<td>5-GPM</td>
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<tr>
<td>WDI15 Swift</td>
<td>10-GPM</td>
</tr>
<tr>
<td>WDI15 Swift</td>
<td>15-GPM</td>
</tr>
</tbody>
</table>

7. Installation and Deliverables
   • Typical lead-time is 6 weeks from purchase order and initial payment
   • Deliverables include electrical schematics, Installation and O&M Manual
   • Warranty is 12-months from installation per proposal Terms & Conditions