STANDARD FEATURES:
- Single Unit Flows up to 710 gpm
- All Stainless Steel Wetted Parts
- Welded Components Media Blasted and Passivated
- ASME Code Stainless Steel Vessel Designed for 100 psig
- Factory Assembled Stainless Flanged and ASME Section IX Welded Valve Nest
- Stainless Hub and Wedge Wire Screened Lateral Underdrain
- NEMA 4XF Electrical Enclosure
- Automatic Backwash Flow Controller
- Separate Cold Water Connection for Regeneration Cycles
- High capacity, High Crosslinked Macroporous Cation Resin

ADVANTAGES:
- Quick ROI by Reclaiming Waste Heat and Increasing Cycles
- Cold Water Regeneration Saves Heated Water
- Standard Designs Reduce Cost and Delivery Time
- Passivated Flanged and Welded Piping for Corrosion Resistance
- High Strength Resin Selected for Long Life

OPTIONS:
- Allen Bradley PLC
- Differential Pressure Switch
- Flow Sensor
- Water Sample Cooler
- Manual Isolation Valves
- Subsurface Wash
- Skid Assembly
- Raw Water Bypass Piping
- Welded Stainless Steel Inlet, Outlet, Brine, Sub-Surface Wash & Drain Headers
- Pressure Relief Valve

Why Treat Condensate
The power industry operates in an environment of increasingly stringent boiler feed water requirements. Couple this with exploding energy costs and one finds boiler blow down to be the least desirable way of maintaining proper boiler water quality.

As a cost effective alternative to boiler blow down one needs to look no further than simple sodium cycle condensate polishing. It’s the smart choice when looking for a means to control corrosion transport and the ill effects of condenser in-leakage. Particularly pronounced are the operating savings realized relative to chemical and energy consumption. Relying on proven ion exchange technology condensate polishers are also simple to operate and maintain.

Let NALCO Water work up the actual savings available by polishing your dirty condensate. The payback is both swift and dramatic.
### FEATURES AND SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model Prefix</th>
<th>Vessel Diameter inches</th>
<th>Maximum Flow Rate gpm</th>
<th>Resin Quantity cubic feet</th>
<th>Capacity Range grains</th>
<th>Inlet/Outlet Pipe Sizes inches</th>
<th>Brine Tank Diameter x Height inches</th>
<th>Approximate Dimensions L x D x H inches</th>
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</table>

Flow Rate and Pipe Sizes based upon a flow rate of 30 gpm/sqft

**Features**

**Standard**

- System Design and Operation
  - Stainless Steel Pressure Tank with 60” straight side
  - ASME Code Vessel Construction
  - Stainless Steel Hub and Lateral Underdrain
  - Stainless Steel Flanged and ASME Section IX Welded Face Piping
  - Passivated Stainless Steel Piping & Vessel
  - Stainless Steel Flanged Diaphragm Valves (Up to 2” Pipe Size)
  - Stainless Steel Butterfly Valves (3” and larger Pipe Size)
  - Automatic Backwash Flow Control
  - Automatic Brine Float Valve
  - Subsurface Wash
  - Manual System Isolation Valves
  - Raw Water Bypass
  - Welded Stainless Steel Inlet, Outlet, Brine, Sub-Surface Wash & Drain Headers
  - Pressure Relief Valve
  - Skid Assembly for Multiple Units

**Optional**

- Instrumentation and Controls
  - Differential Pressure Switch
  - System Flow Sensor
  - Electronic Programmable Controller
  - Allen Bradley Programmable Logic Controller
  - Stainless Steel NEMA 4X Electrical Enclosure
  - Inlet and Outlet Pressure Gauges
  - Outlet Sample Valve
  - Outlet Water Sample Cooler

- Regeneration Initiation Methods
  - Manual
  - Timer
  - Differential Pressure Switch
  - Flow