Protect Your Patients, Clients and Staff. Reduce Your Liability.

Minimize risk from Legionella with new patent pending water softener technology from Nancrede Engineering.

‘LC’ LEGIONELLA CONTROL HIGH EFFICIENCY SOFTENER SYSTEMS

The Nancrede ‘LC’ Legionella Control water softeners reduce Legionella and other harmful pathogen growth by eliminating stagnant water in offline softener tanks while minimizing dead legs by always having two tanks online in series.

- Piping and valving optimization is designed to minimize dead legs and Legionella growth.
- Worker polisher tanks running in series eliminate hard water caused by one softener not functioning or failing to regenerate correctly.
- Salt savings with lower hardness leakage is also achieved by running the softeners in series and always having a working and polishing softener online.
- Adjustable salt level settings allow for optimizing hardness leakage and efficiency.

STANDARD FEATURES

- Legionella and bacterial reducing design
- High efficiency, double redundancy design
- High efficiency, low pressure loss resin
- Distribution and controls to reduce bacteria
- Bi-directional flow with continuous soft water polishing
- Parallel mode for peak flow rates
- Skid Mounted, pre-piped and pre-wired
- Factory hydro-tested at 100 psig
- Completely NSF 61 rated system

INSTRUMENTATION / CONTROLS

- AB 1400 PLC with BMS communication
- Butterfly valves with air or electric actuators
- 304 stainless steel piping and distribution
- Metered regeneration with timed override
- Adjustable brining settings from 4 – 15 lbs
- Inlet/Outlet pressure gauges & sample ports

OPERATING PARAMETERS

- Inlet pressure: 30 – 100 psig
- Electrical: 120 – 240 VAC, 50 - 60 Hz
- Temperature: 35 – 110 °F

OPTIONS

- Fully integrated sanitization system
- Inline ORP inlet and outlet monitors
- Low flow Legionella reduction system
- Ultraviolet light & Cartridge filter system
- Hard water early warning system
- Inlet and outlet pressure transducers
- ASME code stamped resin tanks
- Stainless steel tank construction
- High pressure & temperature systems
- Additional piping materials, including CPVC
- Seismic zone rated systems
- Premium online hardness monitor

Nancrede Engineering - Established 1932

For more information please contact us at +1 888-569-2837 or at info@nancrede.com
## LEGIONELLA CONTROL SPECIFICATIONS LC SERIES

### NON-CHEMICAL AUXILIARY LEGIONELLA CONTROL SYSTEMS
- Microfiltration System
- Ultrafiltration System
- Nanofiltration System
- Copper-silver ionization
- Ultra-violet (UV) System

### CHEMICAL AUXILIARY LEGIONELLA CONTROL SYSTEMS
- Mixed Oxidant Generation System
- Chlorine Dioxide Generation System
- Advanced Oxidation Process (AOP)
- Chlorine Injection
- Monochloramine Injection

### Table: LC SERIES Specifications

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>EXCHANGE CAPACITY (Grains)</th>
<th>SALT DOSAGE (Pounds)</th>
<th>SALT USAGE (Pounds)</th>
<th>FLOW RATES</th>
<th>PIPE SIZE</th>
<th>RESIN</th>
<th>TANK SIZES</th>
<th>SALT STORAGE</th>
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Non-chemical and chemical bacterial control systems can be packaged with the LC Water Softener System to control Legionella and other harmful pathogens. Consulting for defensible water management programs are also available.

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