

LINX 140 and LINX 140 T

Residential Drinking Water Systems (100-120V) with LINX Technology and Dial-a-Taste Mineral Level Control (Rev B; February 14, 2011; Software 20.063). Owners manual. Pionetics 05-3019-B



Boyett's Family Rayne Water Conditioning is proud to be a dealer of the LINX 140 and LINX 140 T Residential Drinking Water Systems (100-120V) with LINX Technology and Dial-a-Taste Mineral Level Control. If you need any parts, filters or service – just give us a call (480) 969-7251.

Dial-A-Taste® Mineral Level Control

The mineral level of the product water can be changed by turning the Dial-a-Taste control at the front of the unit. Turning the dial clockwise increases mineral content. As the dial is turned, the blue and red LEDs will light-up for several seconds to indicate the mineral level selected. None of the four LEDs will light-up when the dial is set to the full clockwise position indicating that the highest mineral content is selected (-70% TDS reduction). One LED means the second highest mineral level, two LEDs mean the middle level, three LEDs mean the second lowest level, and all four LEDs mean the lowest mineral level is selected (>85% TDS reduction, full counter-clockwise dial position). After the dial has been set, the LEDs indicating mineral level will turn off and resume their normal display. For the LINX 140 system, approximately one quart of water must be drawn before a change in mineral level is fully realized. For the LINX 140T system, the tank must be emptied and refilled to observe the change.

When treating water comprising regulated contaminants, the Dial-a-Taste control should be set fully counter-clockwise to maximize reduction of the regulated contaminant.

Section 5. Maintenance

LINX 100 TDS Cartridges, LINX 100 Sediment Filters, and LINX 100 or 110 Carbon Filters The LINX 140 and LINX 140T systems include three types of replaceable components:

- Two L1NX 100 TDS cartridges
- One LINX 100 Sediment filter
- One LINX 100 or 110 Carbon filter (GAC).

The indicator lights let you know it is time to call for service (see Indicator Status Table in the previous section). The LINX 100 Sediment and L1X 100 or 110 Carbon filters need replacement at 650 gallons, while the LNX 100 TDS cartridges require replacement at 1300 gallons. Some reduction in water flow rate may be noticed near the end of filter and cartridge life. Contact

your Authorized Dealer for service and replacement of cartridges and filters.

Drain Blockage Alarm

When treating hard water, scale may accumulate in the drain valves or drain line causing a plugged drain line. If a drain plug is detected, the system will shut-down and all four indicator lights (blue and red) will blink in unison. The LYNX 140 model will also alarm (three lights blink) if a large leak to the drain from scale accumulation occurs. If either alarm is observed, reset the system by repowering it. This is done by detaching and reattaching the power cord at the rear of the LINX system. If the alarm occurs again, contact your Authorized Dealer for maintenance.

Section 6: Troubleshooting

Observation Causes/Remedies

No Water Flow • No power; unit not plugged into required 100-120V outlet.

No Green Power Light (under dial) • Fuse blown (6 A slow blow fuse).

Remedy – Replace fuse

Electronics failure.

Remedy – Call your Authorized Dealer

Four blue and red Indicator Lights • The system is conditioning the LINX 100 TDS cartridges; this process takes

Flash right-left-right 90 minutes.

Clicking noise for 20 sec, 30 minutes • The LINX system is cleaning its valves after the regeneration step – this is

apart, for 2 hrs normal behavior

Product Water Flow On-Off • This is normal behavior to indicate regeneration is being interrupted

(Blue indicator light A or C flashing) (LINX 140 system only)

Low Flow Rate • Feed water pressure near low end of specified range (<20 psi).

(LINX 140 system only) Remedy —Call your Authorized Dealer to install a booster pump

- LINX 100 Sediment filter, LINX 100 or 110 Carbon filter, or LINX 100 TDS

cartridges clogged.

Remedy – Call your Authorized Dealer to replace filters and cartridges

No Product Water Flow • Faucet is mounted 13 ft or more above the LINX system

(Green light on; no indicator lights are flashing when faucet is opened) Remedy – install the LINX system at <13ft below faucet

• Tubing connections are incorrect

No Product Water Flow • Lid safety switch(es) not triggered

Indicator lights B, C and D flashing Remedy —Assure that both lid covers (blue) are in the proper place (see section 3.1)

No Product Water Flow • Clogged drain line (drain valve(s) or tubing)

Indicator lights A, B, C and D flashing Remedy – If occurs again after re-powering, call Authorized Dealer

No Product Water Flow • Leak detected (LINX 140 Model only)

Indicator lights C and D flashing Remedy – If occurs again after re-powering, call Authorized Dealer

No Product Water Flow • External leak detected

Indicator lights A, B and D flashing • Remedy -Turn off the feed water and call Authorized, Dealer

No Product Water Flow • No power to LINX cells (no TDS reduction)

Indicator lights A, C and D flashing • Remedy —If occurs again after re-powering, call Authorized Dealer

Light other than power light • LINX 100 Sediment filter, LINX 100 or 110 Carbon filter, or LINX 100 TDS

continuously on cartridges have surpassed their usage volume limits

Remedy – Call the Authorized Dealer to replace cartridges and/or filters

Objectionable Taste or Odor • LINX 100 Carbon filter missing or exhausted.

Remedy – Call the Authorized Dealer to replace carbon filter

Poor TDS reduction • Dial-a-Taste knob set to high mineral level (rotated clockwise).

- Missing or damaged bottom LINX 100 TDS cartridge O-ring
- Excessive flow rate for feed TDS (wrong flow restrictor used)
- LINX 100 TDS cartridges need replacement.

Warm Product Water (>7°F rise) • Regeneration completed recently (causes —10°F increase for first, sample).

(L1NX 140 unit only) This is normal behavior

- High feed water TDS at low flow rate

Leak Out Top of Cell Lid • LINX 100 TDS cartridge not completely inserted.

Remedy – Twist lids clockwise until they stop (main rib points front-back)

- Top cap O-rings not sufficiently seated in grooves

Remedy – Press O-rings into grooves or replace them

Contact your Local Authorized Dealer for service and replacement components

Replacement Parts List:

Part	Part Number
L1NX 100 TDS Cartridges	08-00033-A
L1NX 100 Sediment Filters	28-000509
L1NX 110 Carbon Filters	28-000530
0.25 gpm Flow Restrictor set	07-000122
0.15 gpm Flow Restrictor set	07-000123
Filter Housing O-ring	28-000507
L1NX 100 TDS Cartridge top O-ring	28-00037-A

LINX 100 TDS Cartridge bottom O-ring 28-00025-A

LINIX cell lid drivers 19-000001

Front Enclosure 07-000008

Front Lid Cover 07-000012

Back Lid Cover 07-000013

Drain Valve Body, Left (from rear) 28-000309

Drain Valve Body, Right (from rear) 28-000310

LED PCB 19-000610

Power cord 19-000006