



LT Technologies line of versatile ECONO City Water (DI) Deionization water systems meets all of your economic and water quality requirements. Flow Rates from 1,000 to 20,000 GPD.

## ECONO Features and Benefits:

- E** - Efficient design, simple & durable.
- C** - Cost-effective, long-term solutions. The highest-quality, lowest cost option out there.
- O** - Options: many ECONO Series RO Systems means we have a system to meet your needs.
- N** - Never alone: remote and onsite 24-hour service, we are your total solutions vendor.
- O** - On budget, on-time delivered solutions to meet your product and financial needs.

LT Technologies offers cost effective, City Water (DI) Deionization Water system solutions for flows greater than 20,000 GPD not illustrated within this data sheet.

## Our ECONO City Water (DI) Deionization Water system standard models:

MODEL NUMBER:	GALLONS PER DAY (avg.)	GPD (max)
LT-DI-2K	2,000 GPD	6,000 GPD
LT-DI-4K	7,000 GPD	14,500 GPD
LT-DI-7K	9,000 GPD	20,000 GPD



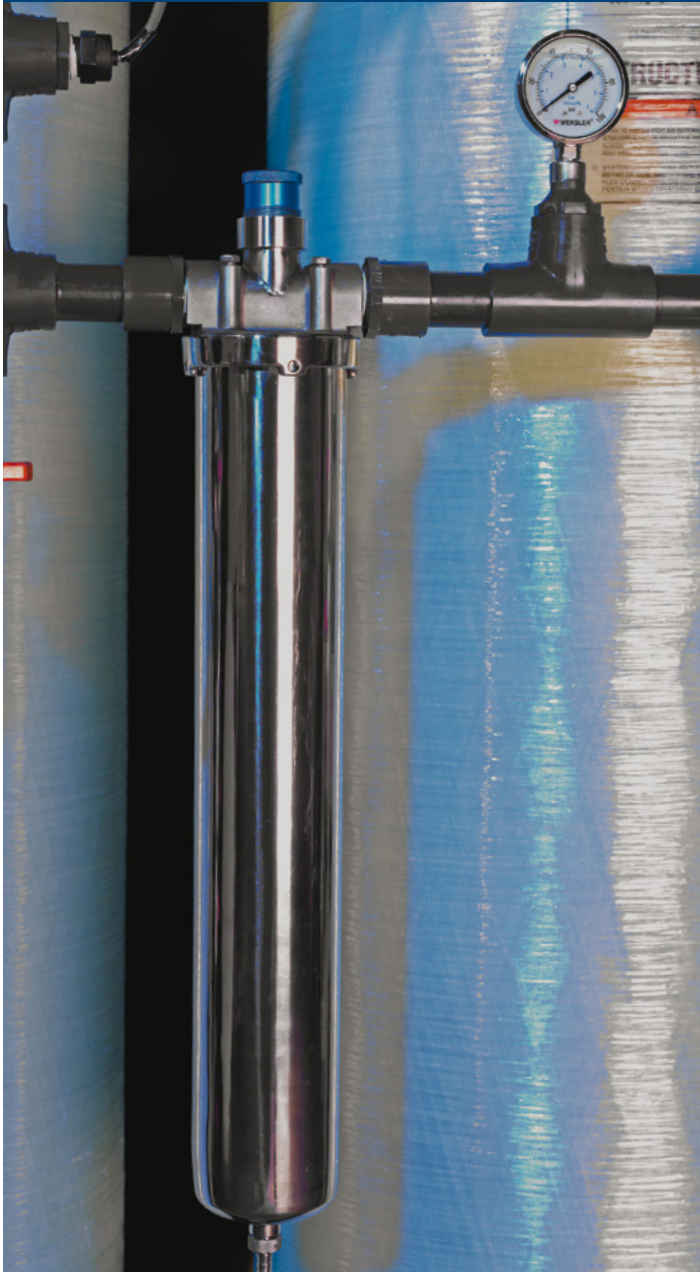
**LT Technologies**  
LIQUID TREATMENT TECHNOLOGY

**LT Technologies, Inc.**

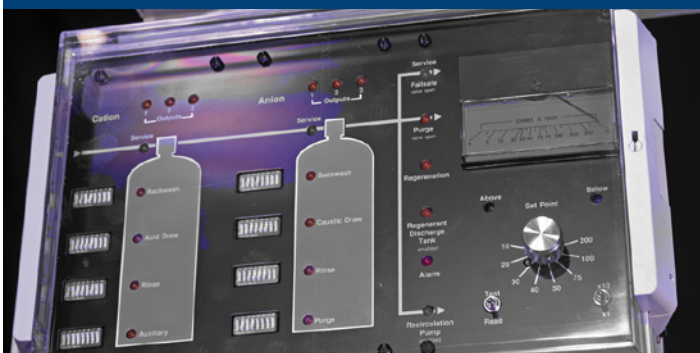
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# ECONO City Water System

1,000 - 20,000 GPD



▲ Ultraviolet Unit



▲ Integrated DI Controller

Our ECONO DI water systems feature a compact design, pre-plumbed, pre-wired, and have all of the components specifically located for easy access and inspection.

**HIGH PURITY ION EXCHANGE RESINS:** Premium strong acid cation and strong basic anion resins allow for consistent exchange of impurities and achieve high water quality.

**CORROSIVE RESISTANT RESIN COLUMNS:** A manufactured fiberglass ion exchange vessel greatly extends life of the system.

**AMERICAN MADE DI CONTROLLER:** Highly reliable DI controller monitors water quality and controls automated resin regeneration functions.

**LARGE SEDIMENT FILTER:** Low micron filter removes sedimentation and help protect the ion exchange resins from fouling.

**ACTIVATED CARBON:** Activated Carbon reduces ion exchange fouling by removing chlorine and organics.

**OPEN FRAME:** Corrosion resistant & epoxy coated with serviceability in mind.

**PRESSURE GAUGES:** Remote mount glycerin filled gauges for monitoring the system operating pressures.

## UPGRADABLE OPTIONS

**PLC-BASED CONTROLLER:** Secondary controller includes a Digital 2-cell built-in TDS (water quality) monitor, Product water tank level transmitter with an optional product water distribution system.

**PRODUCT WATER DISTRIBUTION PUMP:** TEFC (316 SS) pump and motor designed for continuous pressures and flows.

**ADJUSTABLE PRESSURE TRANSMITTER:** Inlet pressure transmitter is a safety device which protects the pump from running dry when there is an insufficient feed water pressure.

**BACTERIA CONTROL:** All electro-polished ultraviolet system reduces probability of bacteria growth within the product water.

**MIXED BED POLISHING:** A hybrid mix of premium cation and anion resins will meet high purity water requirements.



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