

The TC-RU

ELECTROCHEMICAL DELIVERY SYSTEM

MACHINE SPECIFICATIONS

Depth	12 inches
Width	25 inches
Height	31 inches
Weight (empty)	95 lbs
Weight (full)	170 lbs
Storage capacity	2.6 gal (TK60) & 1.3 gal (FC+)
Generation rate (gallons/day)	300 (TK60)/150 (FC+)
Dispenser flow rate (TK60)	3 gal/minute
Dispenser flow rate (FC+)	3 gal/minute



INSTALLATION REQUIREMENTS

Input voltage	120 Volt AC, \geq 4 Amp Service
Ventilation	Active/fan - within site
Discharge drain	Within 10 ft of machine (Gravity)
Water inlet	3/4" MGH or 1/2" OD Polyethylene (or equivalent) tubing
Min/max pressure	10 - 100 psi
Water temperature (input)	40 - 75° F (do not supply with hot water, $>$ 95° F)
Ambient temperature	50 - 100° F (covered w/ adequate ventilation)

OPERATION & MAINTENANCE

Electrolysis cell life	6 months (<i>Average; depends on usage and water quality.</i>)
Salt type	High purity NaCl pellets (\geq 99.9%)
Salt usage (electrochemical process)	2.7lbs (~5.5 cups) per 1000 gallons solution generated
Salt reservoir capacity	16 lbs

SOLUTION CHARACTERISTICS

TK60 One-Step Hospital Grade Disinfectant

Concentration	\geq 200 ppm FAC
pH	\approx 5.5
Shelf life (closed container)	$<$ 7 days

FC+ All-Purpose Cleaner & Degreaser

Concentration	500 ppm NaOH
pH	\approx 12
Shelf life (closed container)	30 days

ADDITIONAL FEATURES

OLED Display, Remote monitoring, Real-time status updates, Web based - accessible from most web browsers
