



Up to 75%

Cooling Tower Bleed Reduction

ReclaimX™ CT: Reduce Cooling Tower Bleed and Conserve Water

OVERVIEW

Cooling towers can consume millions of gallons of water each year while generating large volumes of blowdown that are often discharged as waste. This increases water, sewer, and chemical costs while placing additional pressure on limited water resources.

Traditional cooling tower operation treats blowdown as a waste stream rather than a valuable resource, limiting water recovery opportunities and overall system efficiency.

Apex **ReclaimX™ CT** converts cooling tower blowdown into high-quality reuse water, helping facilities reduce freshwater demand, lower wastewater discharge, improve cooling tower performance, and advance sustainability goals.



BENEFITS



Reduce Blowdown



Save Freshwater



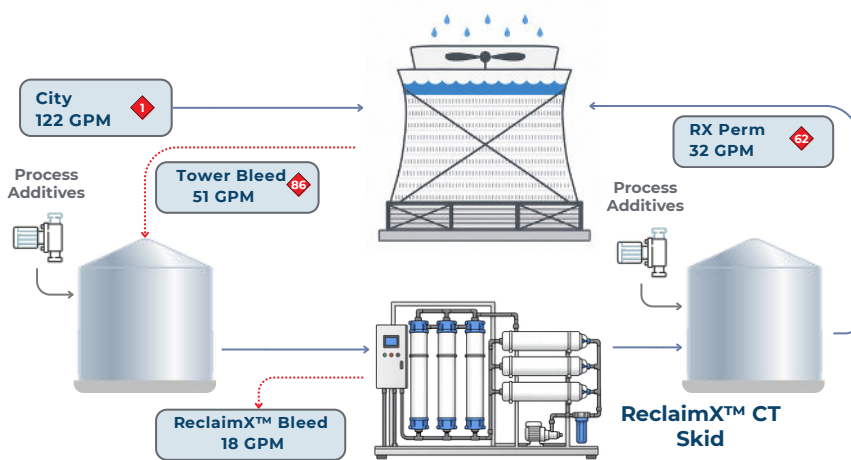
Minimize Corrosion



Reduce Chemical

Simplified Water Recovery Process

EXAMPLE PFD



PRODUCT SPECIFICATIONS

Feature	Value
Feed Volume	50 GPM
Min. TDS rejection ²	95%
Typical Flow Rate	30 GPM

IDEAL APPLICATIONS



Cooling towers with excessive waste streams



Industrial & commercial buildings



Sites facing water restrictions



High seasonal water demand operations

SIMPLIFIED WATER RECOVERY PROCESS

Cooling Tower Recirculating Water

Collects water with TSS, organics, and hardness.

Advanced Filtration

Hybrid membrane removes suspended solids, bacteria, and organics.

RO Polisher

Removes Dissolved salts and silica.

Return & Bleed

Clean water returns to tower. Concentrate is safely bled off.

GETTING STARTED IS EASY

- 1 Free assessment
- 2 Bench test (Proof of Concept)
- 3 Full-size pilot, if necessary
- 4 Get your detailed estimate

REDUCE WATER USE & DISCHARGE

Connect with an Apex representative to evaluate your system and identify water recovery opportunities with Apex **ReclaimX™ CT**.

