



PRODUCT CATALOG 2025



www.cleanac.com

Our Mission

At Controlled Release Technologies, we pioneer advanced time-release cleaning solutions to enhance industrial maintenance efficiency.

About Us

Controlled Release Technologies has been developing innovative maintenance products since 1985. We are committed to quality, reliability, and building long-term relationships through a culture of integrity and collaboration.



704-487-0878



cs@cleanac.com



1016 Industry Dr
Shelby, NC

ALGAE GUARD



EPA-registered quat block for drain pans and lines. Effective against fungi, mildew, slime, algae, and odor causing bacteria. Prevents, clogging, overflows, and odors.

- Time-release formula (3 or 6 month options)
- Water-activated
- Non-dissolving; no residue
- Available in over a dozen sized based options
- Safe for HVAC, refrigerators, ice machines

PanGuard®



NSF Green-certified cleaner for drain pans and lines. Effective against buildup. Prevents clogging, overflows, and odors.

- Time-release formula (3 or 6 month options)
- Water-activated
- Non-dissolving; no residue
- Available in over a dozen sized based options
- Safe for HVAC, refrigerators, ice machines

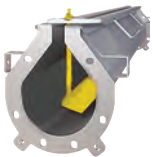
DrainRings™



Quat rings for sanitary drains. Effective against buildup, clogging, odors. Our Drain Rings provide a continual cleaning for effective drain maintenance.

- Time-release formula cleans for 30 days
- Water-activated; non-dissolving
- EPA Registered and NSF Green Certified options
- Standard and high-impact ring available.
- Available 6" to 8" (additional sizes by request)
- Ideal for food processing plants, restaurants, and sanitary drains

TRENCH CLEAN



Time-release cleaner for trench and slot drains, designed for flexible placement and consistent treatment.

- Monthly treatment
- EPA Registered and NSF Green Certified options
- Non-dissolving formula; no residue
- Secures easily to trench or slot drain systems via extended fabric, provided disk or zipties.
- Great for commercial kitchens and industrial facilities

Cooler Guard



Time-release cleaner for cooler pads and sumps in evaporative coolers Prevents scale buildup and enhances system efficiency.

- Monthly treatment
- Removes and prevents scale formation
- Easy to use—drop into sump
- Significant water savings; run with bleed-off valve off
- Compatible with portable and stationary evaporative coolers
- Great for industrial farm coolers





Time-release cleaner for beverage and beer dispenser drip trays. Releases cleaning agents on contact to prevent buildup and odors.

- Easy to use; just place in the tray
- One unit treats for up to two months
- Non-dissolving; no residue left behind
- Water-activated for zero wasted product
- Continual time-release cleaning action
- Prevents pooling, clogging, odors, and sugar snake buildup

Coil Maintenance

InstaCleanCIP



Concentrated professional strength coil cleaner for HVAC-R professionals. Premeasured pouches deliver up to 6 gallons of powerful cleaner—just mix with water.

- Each 1.5 lb pouch contains six 4oz coil cleaners
- Mix on-site to your desired strength
- Easy to use: just mix with water on-site, shake and spray
- Cost-effective and efficient for routine coil cleaning

First Strike
MICRO COAT



Protective coating for coils; once a year treatment. Forms a clear barrier to resist mildew, and coil buildup for year-round energy efficient coils.

- Provides mildew-resistant protection
- Water sheeting actions prevents buildup
- Helps maintain coil efficiency
- Will not inhibit heat transfer
- Easy to apply; dries in under an hour

Coil Shield



Long-lasting outdoor coil protection Shields condenser coils from salt spray corrosion, and mineral scale.

- Prevents scale, rust, and salt corrosion
- Helps maintain heat transfer performance
- One application lasts up to a year or more
- Easy to apply and weatherproof in about an hour



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CleanBond



Surface preparation cleaner and degreaser for HVAC restoration. Ensures a strong bond by removing buildup, grease, and grime before coating applications.

- Powerful degreaser and surface cleaner
- Gentle on metals, tough on grime
- Flash rust inhibitor
- Enhances adhesion for V570 and Pancrete
- Ideal for fans, motors, and metal surfaces



Brush or roll-on coating to protect and restore metals. Seals cracks and pinholes while protecting non-submerged metal from rust and corrosion.

- Seals up to 25 mil cracks and pinholes
- Withstands corrosion, rust, and harsh HVAC conditions
- Use with Pancrete for full drain pan restoration
- 1 gallon covers 100–150 sq ft
- Easy to apply; fast-drying



Permanent drain pan restoration system. Adds years of life to worn-out drain pans by stopping leaks and resisting chemical damage.

- Self-leveling formula; pours directly into old pans
- Long-lasting repair that halts damaging leaks
- Resistant to chemical corrosion and water damage
- Submersible and highly durable
- Limited downtime

