

The Integrated Control Module can be used with any of our TriChlor Tablet Feeders, and configured for automatic control with Chlorine Residual Analyzers, flow proportioning, and compound loop. The Electrical Control Panel can be panel mounted on the unit or wall mounted, and is designed to fit the customer's specific requirements.



Arden's "Terminator" has been designed to work with OXYCHEM'S line of ACL 90 disinfecting tablets. ACL 90 tablets have been approved by the U.S. EPA for routine use in potable water, and certified by NSF International under Standard 60 for use as a drinking water additive.

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ACL 90

ACL 90 is trichloroisocyanuric acid or "trichlor" for short. ACL 90 has the highest chlorine content (90%) of any solid oxidizer.

ACL 90 is available in one inch (14 gram) or three inch (200 gram) tablets that dissolve over a period of time for sustained release. Used in an automatic feeder, ACL 90 tablets provide a continuous chlorine output to the water stream, making them most suitable for continuous feed applications.



Storage and Packaging

The ACL products have excellent storage stability. Unlike bleach, ACL maintains its chlorine content almost indefinitely. OxyChem's line of ACL products are available in a wide range of package sizes.

Handling and Safety

While elemental chlorine (shipped in the liquid state) is an inexpensive and very stable source of chlorine, it is a

DISINFECTING COMPOSITIONS FOR POTABLE WATER FROM **OxyChem**.

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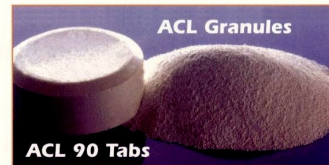
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hazardous material and a leak can be serious. There are numerous restrictions and regulations involved with using elemental chlorine. These regulations add significantly to the cost, so many municipalities are searching for a safer alternative for their water treatment needs.

Sodium hypochlorite solution (bleach) is less hazardous than elemental chlorine but is difficult to handle and has a limited storage life. Bleach contains 15% or less available chlorine. The cost of large storage tanks, diking and shipping such a dilute product adds considerably to the product cost. Spills are hazardous and difficult to contain.

Solid disinfectants have a safety advantage over gaseous or liquid disinfectants since spills or leaks are much easier to contain and clean up. They are also much more stable and concentrated than bleach. ACL 90 tablets are solid, so a spill is easily contained and cleaned up. ACL 60 or 56 granules are also much less of a spill hazard than liquids or gases.



Calcium hypochlorite contributes to scaling or cloudiness in the treated water or can produce calcium sludge in the feeder. It can also be a fire hazard and is classified as a Class 3 Oxidizer by the National Fire Protection Association (NFPA)¹. Calcium hypochlorite will decompose, in a self-sustained reaction, if stored over 125°F (52°C) for an extended period of time. Additionally, calcium hypochlorite has a tendency to drop in available chlorine content over time.

ACL 90 is classified as an NFPA Class 1 Oxidizer. The lowest NFPA rating reflects the fact that ACL 90 does not burn or decompose unless a direct flame or other intense heat source is applied. Once the flame or heat source is removed, ACL 90 stops decomposing.



INDUSTRIES

Innovators in Water
Treatment Technology

"The Terminator"

On-site Chlorine Generation

TABLET CHLORINATION SYSTEM

Using 90% Active TriChlor Tablets



**NO SLUDGE—ONLY CLEAR
CHLORINE SOLUTION**

“The Terminator” Tablet Chlorination System

Incorporating OXYCHEM’s ACL 90® Tri-Chlor Tablets

ARDEN has your final answer to Disinfection with Chlorine Tablet Feed Equipment! “The Terminator” works because of its unique design. ARDEN INDUSTRIES has designed this equipment to work off of an injector Venturi to inject the Chlorine Solution rather than using chemical metering pumps or centrifugal pumps which require considerable maintenance and service.



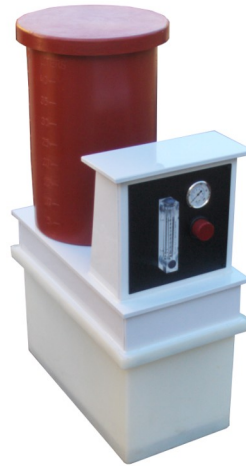
“The Terminator” works because the flow is precisely controlled over the tablets via a flowmeter and control valve which provides measured erosion of the tablets and a more accurate solution residual. The uniquely designed spray technique uniformly erodes the tablet producing higher residuals per flow across the tablet.

AND BEST OF ALL.....

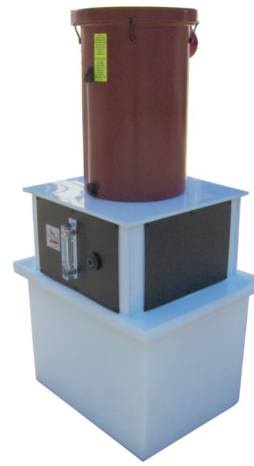
NO CALCIUM SLUDGE!!!

One size doesn't fit all....

We design our systems to fit our customers requirements.



Model 22-25/50TRI for smaller feed rates.



Model 22-100TRI with a capacity of 150 lbs. of tablets

“The Terminator” can be configured for flow rates from 25 gpm up to 6000 gpm or more, and the system is manufactured in multiple sizes to handle the individual needs of our customers.....not one size fits all!

“The Terminator” is easy to use because there is a built in dump valve designed to extract water completely from the Tablet Chamber. In addition, a **patented** ClorVac Air Evacuation System ensures that all fumes are removed from the Chlorination System and remaining tablets stay dry, thus preventing continuous erosion when the equipment is not in use. And, no noxious fumes in and around the chlorine building!!! NO BAD CHLORINE ODOR!



ARDEN’s units can be skid mounted and completely pre-piped and engineered for ease of installation.

