

19-AUG-1999
Expires - 2004.12.31

CANCLEAR SYSTEM
MODEL 2000

DOMESTIC

CONTROLS ALGAE IN SWIMMING POOLS AND SPAS

REG. NO. 25868 P.C.P. ACT

DO NOT USE AS A REPLACEMENT FOR CHLORINE
CHLORINE CONCENTRATION SHOULD BE = 0.6 PPM

READ LABEL AND OPERATING MANUAL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

CANCLEAR TECHNOLOGIES INCORPORATED
631 AMELLE CRES.
BURLINGTON, ONTARIO L4L 6E6

MADE IN CANADA

CANCLEAR
Pool Ionization Systems

A **Newer** Way To Keep Your Pool and Your Family Healthy

HOW DOES THE **CANCLEAR**
IONIZATION SYSTEM ACTUALLY WORK?

The Process is simple. An electronic process takes place in which a low electric current is passed between two electrodes which are fitted in the lid of your pool's leaf trap. This activates the ions in the water, killing living organisms and bacteria. The ions act as an algaecide and will kill algae thereby keeping your pool sparkling clean, even after thunderstorms. This results in clear, healthy pool water.

HOW DOES THE **CanClear** IONIZATION SYSTEM KEEP YOUR FAMILY,
ESPECIALLY YOUR CHILDREN, HEALTHY?

CanClear allows you to keep your pool water pure without using

too much chlorine.

HOW DOES **CANCLEAR** SAVE YOU MONEY?

All present owners of **CanClear** have discovered that the costs for operating their pools have dramatically reduced. Therefore, **CanClear** pays for itself in a very short period of time. In 1996, Canadians spent over \$122 million dollars in chemical purchases and over \$53.5 million dollars on service contracts alone! **CanClear** costs about a **penny a day!**

Is **CanClear** easy to install?

The **CanClear** unit is connected to the initial filter at the pool motor or with **CanClear's** custom installation package, so the do-it-yourself enthusiast or your pool professional can install it with absolute ease. It comes complete with instructions and with all components required. No special tools are necessary.

Benefits of the CanClear Systems:

- . Crystal Clear, Healthy Water
- . Reduced Chlorine Use
- . Reduced Health Risks
- . Money and Time Savings
- . No Maintenance
- . Health and Environment Awareness
- . Patent Pending Processes
- . CSA Approved
- . 5 Year Limited Warranty

Our system is built with 100% solid state technology of the 1990's. Every unit is backed by a **5 Year Limited Warranty** for any defect in materials or workmanship.

CanClear MAKING SWIMMING A HEALTHIER EXERCISE

CanClear decreases the amount of time and effort spent on pool

maintenance dramatically so you get to spend more time doing what you should be doing at your pool - **Relaxing!**

"The **CanClear** system is highly recommended to any pool owner"
- **H. Serebrin, Ontario, Canada**

CanClear is proudly manufactured in Canada (installation available upon request)

Commercial Installations also available (Call for more information)

Here's How to Order

Visit our website @ www.canclear.com

Manufactured by CanClear Technology Inc.
Burlington, Ontario, CANADA
(905) 637-3869

Worldwide Distribution by CanClear Marketing Inc. offices

Eastern Ontario
(705) 696-3001 (Phone/Fax)
or
Western Ontario
(905) 632-5945 (Phone)
(905) 632-5956 (Fax)

Email: canclear@canclear.com

INSTALLATION INSTRUCTIONS
(How to Start Up)

CanClear Marketing Inc.
15 Laurel Valley Court
Concord, Ontario
CANADA, L4K 2B3
(905) 669-9228
(905) 669-0072 Fax

PLEASE READ AND APPLY THESE INSTRUCTIONS

BEFORE ATTEMPTING INSTALLATION

How to Start Up

Step 1: Water Preparation

Test Pool water and bring to ideal start up range regarding:

- . Alkalinity = 100 ppm (parts per million) marblelite pools, 120 ppm - 140 ppm (for fibreglass/ vinyl pools)
- . pH = 7.2 - 7.4 ppm
- . Chlorine = 1.2 to 1.4 ppm

Step 2: Installation of CanClear unit

See reverse for unit installation instructions

Step 3: Operating (first 6 weeks)

- . Leave CanClear setting on Mode 4 for 6 weeks.
- . Check electrodes for green build-up, remove and clean if necessary

Step 4: Continuing maintenance (after first 6 weeks)

- . After first 6 weeks of functioning select Mode 1, 2, 3 or 4 according to pool size (See installation instructions on reverse)
- . Your pool is now ready to run at lower chlorine levels (0.6 ppm)
- . For further maintenance, ensure that pool water is tested regularly (weekly) maintaining the following:

T Alkalinity = 100-120 ppm (marblelite pool)
= 120-140 ppm (fibreglass/vinyl pools)

T pH = 7.2 - 7.4 ppm

T Chlorine = 0.6 ppm

- . As the electrodes deposit bacteria-killing ions into the water, the electrodes will gradually wear away and have to be replaced

Important

- . Never add chlorine directly to pool. Dissolve with water in plastic container and pour into water with filter

running

- . For first 6 weeks chlorine level is maintained at 1.2 - 1.4 ppm
- . It is of the utmost importance that the ideal pH and alkalinity levels BE MAINTAINED AT ALL TIMES. Cloudy water and algae will become apparent if this is not done. These tests should be carried out AT LEAST ONCE PER WEEK. Visit your professional pool supply store for accurate testing.

GENERAL HOUSEKEEPING

Do not neglect the basics:

- . Leaves and other debris should be vacuumed/ removed constantly
- . Sand filter should be backwashed ONCE A WEEK.

USEFUL TIP

If the water is in perfect "balance" (i.e. ideal pH and alkalinity) and becomes cloudy or green, this usually indicates a heavy build-up of body fats, sun tan oils, urine, etc. in the water. These undesirable elements must be burned away.

CURE/TREATMENT

- . Ensure that the filter is operating efficiently
- . Ensure that electrodes are clean, burning green and fully immersed in the water
- . Ensure that the automatic cleaner is vacuuming efficiently (No blockage of hoses)

**A NEWER WAY TO KEEP YOUR POOL AND YOUR FAMILY HEALTHY
IN A FEW EASY STEPS!**

Installation "A" - Tee Fitting

Step 1: Locate a spot between the pump/filter assembly and the pool and remove a section of pipe large enough to insert the "Tee" fitting.

Cut and remove a piece of PVC pipe large enough to allow for

the installation of the "T" fitting and adapters from 2" to 1-1/2" pipe.

See Fig.1 below.

Step 2: Cut and remove a 10 cm section of 1-1/2" PVC pipe and install the 2" Tee fitting and adapters supplied. Cement in position using PVC glue.

Drill two 6 mm holes into screw on top, approx. 3 cm apart (electrodes should be as close to inside wall as possible). Install and seal the brass bridges as per Fig. 2 below. Install screw top and tighten to seal. **DO NOT OVERTIGHTEN!**

Installation "B" - Leaf Trap Filter

Step 1: Remove the pump basket lid. Drill two 6 mm holes in the lid, 5 cm from each other as close as possible to the center of the lid in such a way that the electrodes sit at right angles to the water inlet with the water flowing between them See Fig. 2 below.

Step 2: Using Super Glue, glue the brass bridges as vertical to each other as possible. Place lid aside without disturbing the electrodes. Leave to dry for 2-3 hours. Ensure that the glue is dry, then hand tighten the electrodes onto the bottom of the bridges.

Step 3: Switch main current supply to pool "OFF" before proceeding to Step 4. **Note: After completing Step 4, the CanClear unit must only operate when pool pump is running.**

Step 4: Connect the CanClear unit's external current supply to a ground fault protected outlet.

Step 5: Connect the unit to the electrodes using the black and red plugs.

IMPORTANT! As copper and silver ions are deposited in the water, the electrodes gradually wear away. To prolong electrode life and ensure even wear, change the electric current flow to electrodes each week. Spare electrodes are readily available from us. See address on unit.

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