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Dolphin WaterCare®

Dolphin Series 3000

REGISTRATION NO.30113 PEST CONTROL PRODUCTS ACT

COMMERCIAL CLASS

WARNING

WARNING: UNIT PRESENTS A POSSIBLE ELECTRICAL SHOCK HAZARD

READ THE LABEL AND DOLPHIN WATERCARE® OPERATION AND MAINTENANCE MANUAL
BEFORE USING

PREVENT ACCESS BY UNAUTHORIZED PERSONNEL

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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DOLPHIN WATERCARE® EQUIPMENT IS FOR CONTROLLING BACTERIA LEVELS AND PREVENTING THE
ESTABLISHMENT OF BIOFILM IN RECIRCULATING COOLING SYSTEM PROCESS WATER.

DIRECTIONS FOR USE:

Fouled systems must be cleaned before treatment is begun.

Dolphin WaterCare® equipment is for controlling bacteria levels and preventing the establishment of biofilm in recirculating cooling system process water.

Dolphin WaterCare® equipment must be installed by a qualified technician. Start-up should be done by a qualified technician. Service should be done by a qualified service provider once a month.

This product is not for use in waters having no calcium hardness (e.g. water treated by membrane filtration or by a water softening system).

The calculation for cycles of concentration based on conductivity, as is commonly done under chemical treatment, is not appropriate under Dolphin WaterCare® treatment. Cycles of concentration, as determined by either ratio of soluble ions (e.g. chloride or, sulfate), or ratio of make-up volume to bleed volume, are more appropriate methods of calculation.

Chemicals that are reactive or not recommended for contact with Schedule 80 PVC are not compatible with Dolphin WaterCare® treatment. Contact the qualified service provider before using any chemicals.

Establishment of full bacteria control and biofilm prevention may take a period of four weeks when this product is applied to cooling systems that had previously been treated by another method.

The table below defines the water chemistry conditions required for Dolphin WaterCare® to meet its performance achievements.

Predictive Index	Value Suitable for Dolphin WaterCare Treatment
Langelier Saturation Index (LSI)	Positive value greater than or equal to zero
Ryznar Stability Index (RSI)	Value less than 6.0
Puckorius (or Practical) Scaling Index (PSI)	Value less than 6.3

METHOD OF APPLICATION:

Continuous flow through the unit is required. The pulsed electro-magnetic wave is generated and applied through the pipe of the Treatment Module.

UNIT SIZING:

Dolphin WaterCare® equipment comes in pipe sizes 1", 2", 3", 4", 6", 8", 10", 12", and 16". The recommended maximum flow velocity through the pipe is 12 fps (3.7 m/sec). See the Operation & Maintenance manual for more model information.

REQUIRED SYSTEM MAINTENANCE:

Refer to the Operation & Maintenance manual for instructions for required maintenance of components.

It is very important that once a month a qualified service provider test the water chemistry and adjust the conductivity set point of the unit accordingly. Cleaning of the conductivity probe is an essential element of service.

STORAGE:

Water should not be allowed to freeze inside the Dolphin WaterCare® Treatment Module. It is critical that any components of Dolphin WaterCare™ equipment (e.g. Treatment Module) which are outdoors have an appropriate rain hood installed to protect unit from the elements.

FIRST AID:

Electrical Shock: Do not touch person until the electrical source is removed. Once the electrical source is removed, check person for breathing. If the person is not breathing or unconscious, call 911 or an ambulance then begin CPR until medical personnel arrive.

Electrical Burn: Cover burns with sterile gauze and seek medical attention.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

PRECAUTIONS:

CAUTION: Radiofrequency Energy Emitting Device. **PREVENT ACCESS BY UNAUTHORIZED PERSONNEL.**

Read the Operation and Maintenance manual prior to Dolphin WaterCare® equipment start-up.

WARNING:

UNIT PRESENTS A POSSIBLE ELECTRICAL SHOCK HAZARD.

ENVIRONMENTAL HAZARDS:

It is critical that all Dolphin WaterCare® equipment be installed by a qualified technician in order to meet all electrical requirements.

PHYSICAL AND CHEMICAL HAZARDS:

Physical hazards associated with the Dolphin WaterCare® equipment include electrical shock and slip hazards due to unplanned system leakage. Electrical power must be removed when electrical equipment is inspected, serviced, or repaired.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.