

OPERATING INSTRUCTIONS

for the **Kinetronics** CORPORATION (USA) **CANNED AIR IONIZER**

ASSEMBLY

Four items are necessary to use the **Canned Air Ionizer**.

- A fresh 1.5-volt, AA size alkaline battery.
- A can of compressed "duster" gas.
- A special replacement dispenser nozzle (supplied with the **Canned Air Ionizer**).
- A special balance clamp (supplied with the **Canned Air Ionizer**).

Assembly of these items should be performed in the following sequence:

First identify the contents of the compressed duster gas to verify that the gas is not flammable. Do not use the **Canned Air Ionizer** on cans containing flammable gas. A risk of igniting such gas exists.

Next, remove the existing dispenser valve from the can. It may be necessary to pry the plastic from the can with a small screwdriver. If a screwdriver is used, be certain that you are prying the plastic and not the metal under it.

Once the original dispenser cap is removed, the can top should have either a small plastic tube protruding from the center of the top of the can, or a threaded center post with a small aperture in its center. Two special replacement nozzles are provided; one for each of the two can top types.

Select and position the appropriate special replacement dispenser nozzle and press down quickly once to set the nozzle on the tube. It is normal for a burst of gas to be released during this step.

Position the **Canned Air Ionizer** nose tip into the internal crimp of the duster can. (The hole in the dispenser nozzle should be positioned towards the front of the **Canned Air Ionizer**).

Rotate the rear portion of the nose tip into the internal crimp of the duster can until it pops into position. This may require some considerable force.

Attach the 'balance clamp' that makes sure the **Canned Air Ionizer** doesn't fall over as you use up the gas in the can. Be sure to center the two rings under the ionizer handle and position as low as possible on the can.



PRE USE CHECKS

Examine the nozzle. You should see the hole pointed forwards in the center of the guard slot. Rotate the **Canned Air Ionizer** left or right to center the nozzle hole.

The ion emitter pin should be visible directly above the notch in the nozzle.

When the trigger is lightly depressed, (not hard enough to release gas from the can), the emitter pin should move into the V shaped groove above the nozzle hole.

With the **Canned Air Ionizer** trigger depressed to the point that the tip of the actuator just contacts, but does not activate the nozzle, the emitter pin tip should be positioned just above, (within 1/16"), horizontally centered, and in front of the nozzle hole when viewed from the front.

Proper emitter position is critical to proper operation. While the emitter position is set at the factory, it is possible that it could change in shipping or during slips when mounting or dismounting the ionizer unit on cans of duster gas.

If necessary, adjust the emitter pin position to the correct position with a needle nose pliers. If the unit has been energized in the past 30 minutes short the pin before attempting to reposition the emitter. The emitter is charged to several thousand volts during operation and retains a residual charge for several minutes after use.

Install the battery into the compartment on the top of the **Canned Air Ionizer**. The positive (+) end should face the rear of the **Canned Air Ionizer**. Make sure that the battery is held firmly by the battery contact pressure. If necessary, bend the negative (-) contact to produce a satisfactory fit. Slide the battery compartment cover into the slot to cover the battery.

Observe the neon bulb on the rear of the **Canned Air Ionizer** while squeezing the trigger. It should illuminate as gas is released. The ionizer is producing ions when this bulb is illuminated.

USE TIPS

- Use relatively short bursts for small jobs. The effectiveness of the duster will be considerably greater, so less gas will be required.
- On large surfaces, use a slow sweeping motion.
- Hold the ionizer/ canister 6- 12 inches from the surface to be dusted.
- Release the trigger completely when not dusting to enhance battery life.
- Use a fresh 1.5-volt AA size alkaline battery with each 10 oz can of duster.
- If the **Canned Air Ionizer** is not going to be used for some time, remove the battery to prevent possible damage from a leaking battery.

This device is not intended for use on products other than canned duster propellant.

CHANGING AIR CANISTERS

Remove the battery before removing the air canister from the **Canned Air Ionizer**. A shock hazard exists if the emitter pin is touched while, and several minutes after, the trigger is squeezed.

Remove the **Canned Air Ionizer** by pushing the handle towards the canister until the tip pops out of the crimp of the canister. *Any other method of removal can damage the Canned Air Ionizer, and is not covered under the warranty.*

Remove the special replacement nozzle and the balance clamp from the spent canister for use with the next canister.

The Kinetronics Canned Air Ionizer is warranted to be free from defects and sold with a ninety-day guarantee. Proof of purchase is required for a replacement or refund.

Manufactured by **Kinetronics Corporation**
4363 Independence Court, Sarasota, Florida 34234 U.S.A.
www.kinetronics.com
(941) 951-2432 or fax (941) 955.5992

