Ozilite

Automatic Cigarette Lighter

The Flameless Cigarette Ignition System
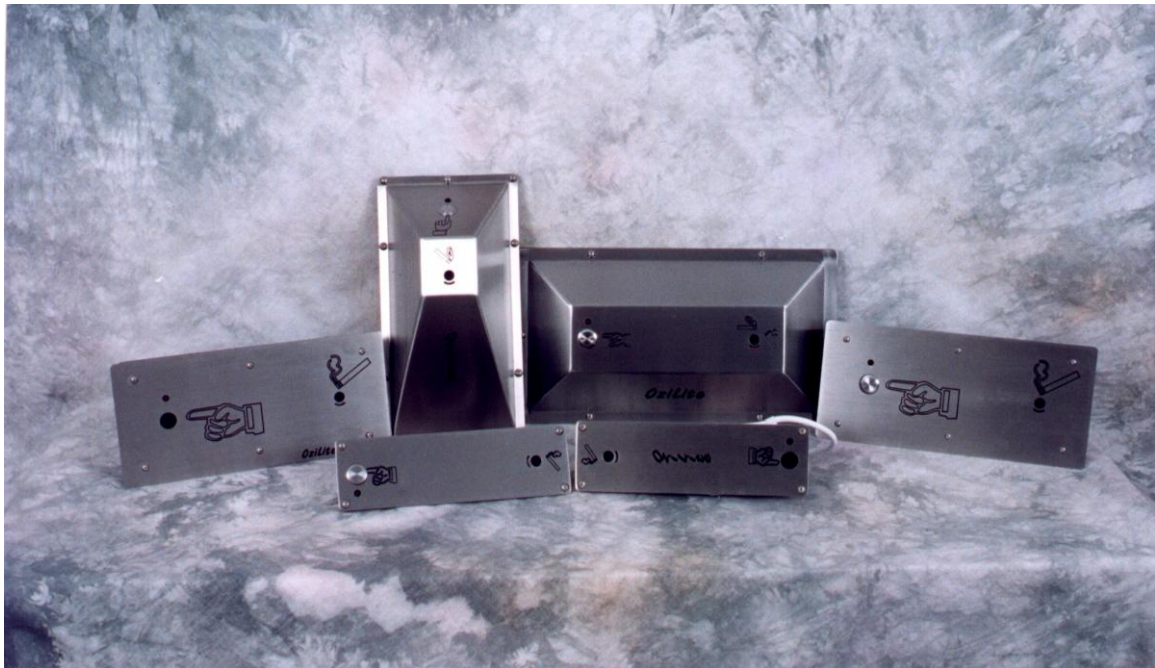
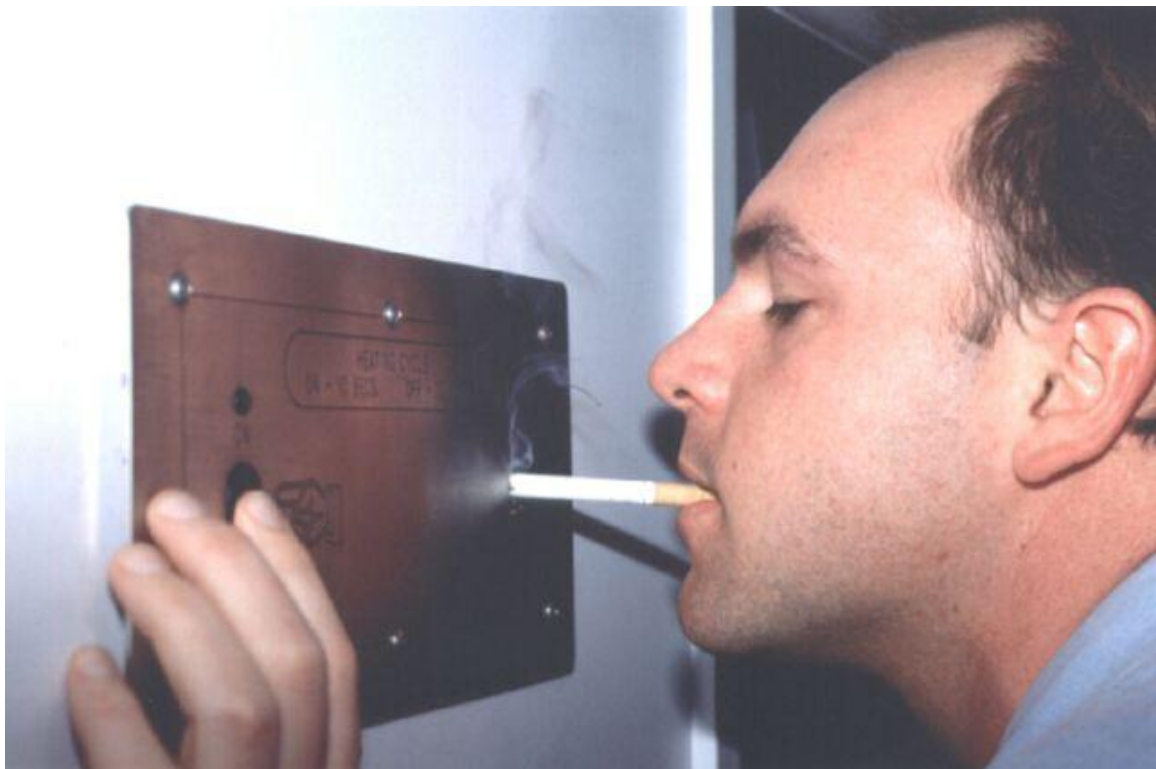# Table of **Contents**

About Ozilite

The **Ozilite Automatic Cigarette Lighter** is a wall or post mounted flameless device for lighting cigarettes. Desirable locations for the **Ozilite Automatic Cigarette Lighter** are where populations do not have free access to portable cigarette lighters or matches.

Common locations for this product are correctional facilities, psychiatric hospitals, nursing homes and industrial sites; where a naked flame is to be avoided but smoking is acceptable. Other environments where this device will also be useful include airports, shopping centres, supermarkets, universities, office buildings and factories.

Caboolture Electronics developed and began manufacturing the **Ozilite Automatic Cigarette Lighter** nearly 20 years ago in Australia. Initially the product was named Automatic Cigarette Lighter, now referred to as **Ozilite**; this device was developed to use in Australian correctional facilities (jails, prisons, penitentiaries etc) for their prisoners. In the late 1990's the **Ozilite Automatic Cigarette Lighter** was introduced to the global market and this began the worldwide network of distributors. At present the **Ozilite** range of products is distributed all around the world.

Why install an **Ozilite** Automatic Cigarette Lighter?

For the past 20 years this product has proven to be effective in many ways to correctional facilities all over the world. For example, a decrease in the number of prisoner riots started by matches or handheld lighters. There are a number of reasons why you should install an **Ozilite** Automatic Cigarette Lighter; advantages of having an **Ozilite** installed in a prison, (jails, penitentiaries etc), psychiatric hospital or industrial site include:

⇒ **Greater employee safety**
⇒ **Employees are no longer subject to secondary smoke**
⇒ **Improved site safety**
⇒ **Improved employee attitude**
⇒ **Increased prisoner/patient morale**

Features of the **Ozilite** Automatic Cigarette Lighter:

⇒ Stainless steel face plate which is robust, vandal proof and has no sharp edges
⇒ Totally waterproof; can be hosed down with water without damaging any components
⇒ Totally weatherproof; can be housed outside in all weather conditions
⇒ Totally safe; electrical circuits are protected by electronic devices that will switch the unit off if tampered with
⇒ Automatic cut-off function if the unit gets hot
⇒ Recessed element
⇒ Flameless; no naked flame
⇒ Fixed to wall or post permanently
⇒ Low maintenance; can be serviced by maintenance staff
⇒ 12 months warranty
⇒ 110V and 240V mains power operated

Ozilite Products

Product Description

The **Ozilite Automatic Cigarette Lighter** is a lighting device which has a recessed heating element with no naked flame for the purpose of lighting cigarettes. This device was designed for use in any environment that a naked flame can not exist or where conventional cigarette lighters or matches are not permitted.

Initially the device was designed for use in maximum-security correctional facilities where cigarettes are allowed but for security purposes access to lighters as well as matches is prohibited. However the **Ozilite** products have proven to be effective in many other environments as well.

Ozilite products are flush wall mounted units; the face plate is made of stainless steel and is liquid proof. There are six security screws (as used in maximum-security correctional facilities) which mount the unit.

The activating button on the **Ozilite** units is a non-moving peizo touch switch and the opening is a circular hole 11 millimetres in diameter, making it difficult for most fingers to access the opening. The actual heating element is then recessed a further 6mm under the faceplate. The area between the element and the faceplate is sealed with a silicon o-ring which is heat resistant. The hole below the cigarette lighter opening is for any liquid to run freely out if any liquid should enter the opening.

The heating cycle of the **Ozilite Automatic Cigarette Lighter** works once the button is pushed; the element will heat for 10 seconds and then the timer circuit will prevent the re-activation of the element again for another 10seconds. These times can also be changed to suit your environment.

The **Ozilite** product range is currently licensed by several International Patents, including UK, USA and Australia.

Australian Patent No. 749408   UK Patent No. 2359613

US Patent No. 6444953   New Zealand Patent No. 511471

ACL240LT and ACL110LT

(In wall mounted units with timer)

Mounting Style:

Wall mounted unit with timer. This unit is installed with the back into a wall cavity.

Lighter Component:

Lighter will only heat for 10 seconds regardless of how long button is pushed.

Dimensions:

Front Plate 135mmH x 300mmW
Backing Box 110mmH x 270mmW x 80mmD

ACL240L and ACL110L

(In wall mounted units without timer)

Mounting Style:

Wall mounted unit without timer. This unit is installed with the back into a wall cavity.
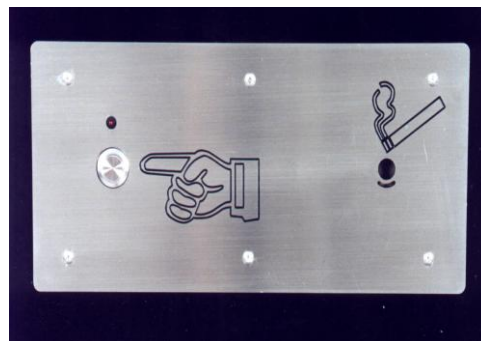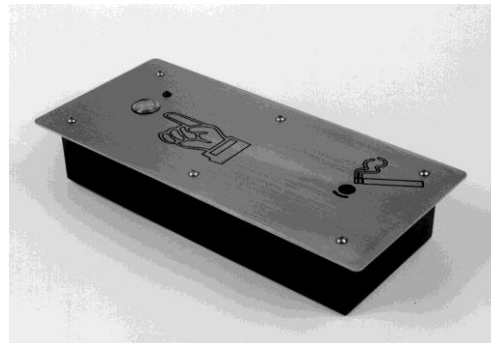
Lighter Component:

The lighter is on for as long as you press the button.

Dimensions:

Front Plate 135mm H x 300mmW
Backing Box 110mmH x 270mmW x 50mmD

ACL240WMT and ACL110WMT

(On wall mounted units with timer)

Mounting Style:

Wall mounted unit with timer. This unit is installed onto a wall surface. No need to recess into wall as it has raised angled sides.

Lighter Component:

Lighter will only heat for 10 seconds regardless of how long button is pushed.

Dimensions:

210mmH x 385mmW x 55mm
Raised Angled sides to prevent attachments and vandalism.

ACL240WM and ACL110WM

(On wall mounted units without timer)

Mounting Style:

Wall mounted unit without timer. This unit is installed onto a wall surface. No need to recess into wall as it has raised angled sides.

Lighter Component:

The lighter is on for as long as you press the button.

Dimensions:

210mmH x 385mmW x 55mm
Raised Angled sides to prevent attachments and vandalism.

ACL240ST and ACL110ST

(Vertical pole mounted unit with timer)

Mounting Style:

Vertical pole mount unit with timer. This unit is installed into a post.

Lighter Component:

Lighter will only heat for 10 seconds regardless of how long button is pushed.

Dimensions:

245mmH x 75mmW x 75mmD
Designed to fit into 100m or 4 inch hollow section posts

ACL240S and ACL110S

(Vertical pole mounted unit without timer)

Mounting Style:

Vertical pole mount unit without timer. This unit is installed into a post.

Lighter Component:

The lighter is on for as long as you press the button.

Dimensions:

245mmH x 75mmW x 35mmD
Designed to fit into 100m or 4 inch hollow section posts.

ACLBAT

(Battery / Solar Powered)

Mounting Style:
Wall mounted Battery & Solar powered unit or Portable with carry handle.

Lighter Component:
The lighter is on for as long as you press the button.

Power:
2100mah Battery. Approx 400-500 cigarette lights before charging.
20 watt solar panel. Connecting cable is standard at 7mtrs but we
can supply with any suitable length.
Resettable 7 amp fuse mounted on side for easy access

Dimensions:
310mm H x 210mm W x 125mm D

Ozilite Benefits

The **Ozilite Automatic Cigarette Lighter** has many benefits. The list below describes the problems faced by correctional facilities without an **Ozilite** product and a solution after the **Ozilite** product has been installed.

Before a site installs an **Ozilite** Automatic Cigarette Lighter…	After a site installs an **Ozilite** Automatic Cigarette Lighter…
⇒ There is always a concern about the availability of naked flames on site.	⇒ The major source of naked flames on the site has been removed.
⇒ There is always a concern that lighters could be anywhere; that they were always "available" and could be used to light fires.	⇒ No concerns about matches and lighters being freely distributed and misused.
⇒ There is always a concern that lighters are being used to melt plastic items such as toothbrushes, which could then be used as screwdrivers or weapons.	⇒ Fewer concerns that plastic items are being fabricated into screwdrivers to use against staff as a weapon.
⇒ Limited control over where and when prisoners smoke.	⇒ Total control over where and when prisoners smoke.
⇒ A high risk of riots starting from prisoners in retaliation to a ban on smoking.	⇒ There is no problem to have smoking in a prison when you can control the availability of where and when.
⇒ Regular damage to prison cells and equipment from naked flames.	⇒ A significant reduction in the amount of damage to prison cells and equipment from a naked flame.
⇒ Regular suicide attempts from the misuse of lighters or matches.	⇒ Elimination of suicide attempts involving cigarette lighters or matches.
⇒ Attempts to use cigarette lighters as weapons, even emptying the fluid from several lighters to make up a quantity that could be thrown and ignited.	⇒ Elimination of cigarette lighters or matches being used as weapons.
⇒ Prison officers carrying lighters in high security areas where it was not needed.	⇒ The removal of lighters and matches makes the environment much safer and the prison officers are better off.
⇒ Prisoners frustrated at the delays to lighting a cigarette, or the wait for the canteen to open to purchase lighters.	⇒ Morale of prisoners is improved; they can light their own cigarettes when they have access and don't have to wait for officers.
⇒ Officers wasted a lot of time lighting the cigarettes, e.g. in high security unlocking doors; a second officer monitoring and so forth.	⇒ Much less wasted time and officers are not exposed to the risk of lighting the cigarettes for high security risk prisoners.

Contact Tornex - Ozilite

Website	www.**tornex**.com
Email	sales@**tornex**.com
Phone	+44 (0)1784 435125
Fax	+44 (0)1784 471540
Address	**Syscom Building Management Ltd** **Technology House** **10-18 Station Road North** **Egham** **Surrey** **TW20 9LE** **ENGLAND**

Please note:

Syscom is an authorized distributor of Ozilite products

Ozilite is a registered trade mark (No 1121314).