

Clean

To be free of Dust, Soil,
Moisture and Odour

Odour

A Smell that is unpleasant

Malodour

A Distinctive odour that is
offensively unpleasant

(in most cases the malodour is obvious to the sufferer)

Hence removal of
malodour is essential
to cleaning

**Where do odours
come from?
Who creates them?**

WE!

People create odours that are
unavoidable

Unavoidable Odours:

Body Odours

Sweat

Urine

Feces

Other common malodours:

Stale food, Pet malodors,
Tobacco, Mold and Mildew.....

Malodours are indicators that
the facility is not clean

Areas Guaranteed to have Malodours

Washrooms, offices,
corridors...

Foul smelling restrooms

=

Dirty restroom

Survey

The number one reason for a woman to go back to a pub/restaurant:

The Condition of the Washroom!

Survey

The maximum number of complaints received by facility managers are related to:

The Condition of the Washroom!

**Is it possible to clean a
washroom after every person
uses the facility?**

Do you want to smell the
previous person who used the
washroom?

Odour Control Systems indicates to the user that the facility is clean and gives the user the comfort to continue using the facility. It makes statement that You Care!

**Clean smelling washroom
(malodor elimination and
fragrancing the air)
creates an impression of a
Clean Washroom**

Smells Clean = Clean



Technology Platforms

- ✿ Intermittent fragrancing (*Metered Aerosols, Pump sprays and other spray systems*)
- ✿ Continuous fragrancing Systems (*Gel Cups, Fan based systems, Fragrance impregnated polymers, Hydrogen fuel cell systems, Gravity based systems, Typically passive systems*)

Intermittent fragrancing



Strength

Instant fresh dose of fragrance in every spray

(every 15 – 30 minutes)

Weakness



Fragrance lasts only a few minutes.

Survey

Continuous Fragrancing Preferred

Continuous fragrancing ensures:

Constant presence of fragrance in the environment to create the impression of a clean facility, every time the user walks in to the room/facility

Continuous fragrancing

(Passive Systems)



Strength

Continuous fragrance delivery

Weakness

Performance drops sharply over time and fragrance dies out quickly



Continuous fragrancing

(Passive Systems)



Weakness

Gels and Polymers: Exposed to air, hence fragrance evaporates quickly. Performance drops sharply over time (1 week to 2 weeks)

Fans: Use too many large D Size batteries

Hydrogen Fuel Cell & Gravity based system: Unreliable.

Inconsistent delivery of fragrance. Falls short of promised delivery (2 weeks to 4 weeks)

Would you or your customers like to:

Experience a fresh clean
fragrance every time you/they
use your facility/washroom?

Would you or your customers like to:

Own a system that is not an
aerosol or a pump spray?

Would you or your customers like to:

Use refills/cartridges with
no harmful propellants or
solvents?

Would you or your customers like to:

Dispose refills which are a
100% recyclable?

Would you or your customers like to:

Install a system that makes
no noise?

Would you or your customers like to:

Have a system that is easy
to install and service/
change refills?

Would you or your customers like to:

The refills do not leak?

Would you or your customers like to:

Your air care system works
well immaterial of
temperature, humidity and
other environmental factors?

Would you or your customers like to:

The refills and dispensers
are safe to store and
transport?

Solution!

An **Active** Air Care that can combine the benefits of intermittent spray systems (delivering fresh fragrance each time) with the benefits of passive systems (continuous fragrance delivery) **consistently**

Introducing Active Air Care

VIVA!e

Oxy-Gen Powered Technology

Technology that works

VIVA!e

Oxy-Gen Powered Technology

*Uses the power of pure Oxygen to deliver a controlled, accurate, fresh dose of Fragrance oil with a Malodour Eliminator every nano second on to an emanating pad to Emit the Fragrance Continuously into the room
(continuously, non stop)*

VIVA!e™

AIR FRESHNESS ●

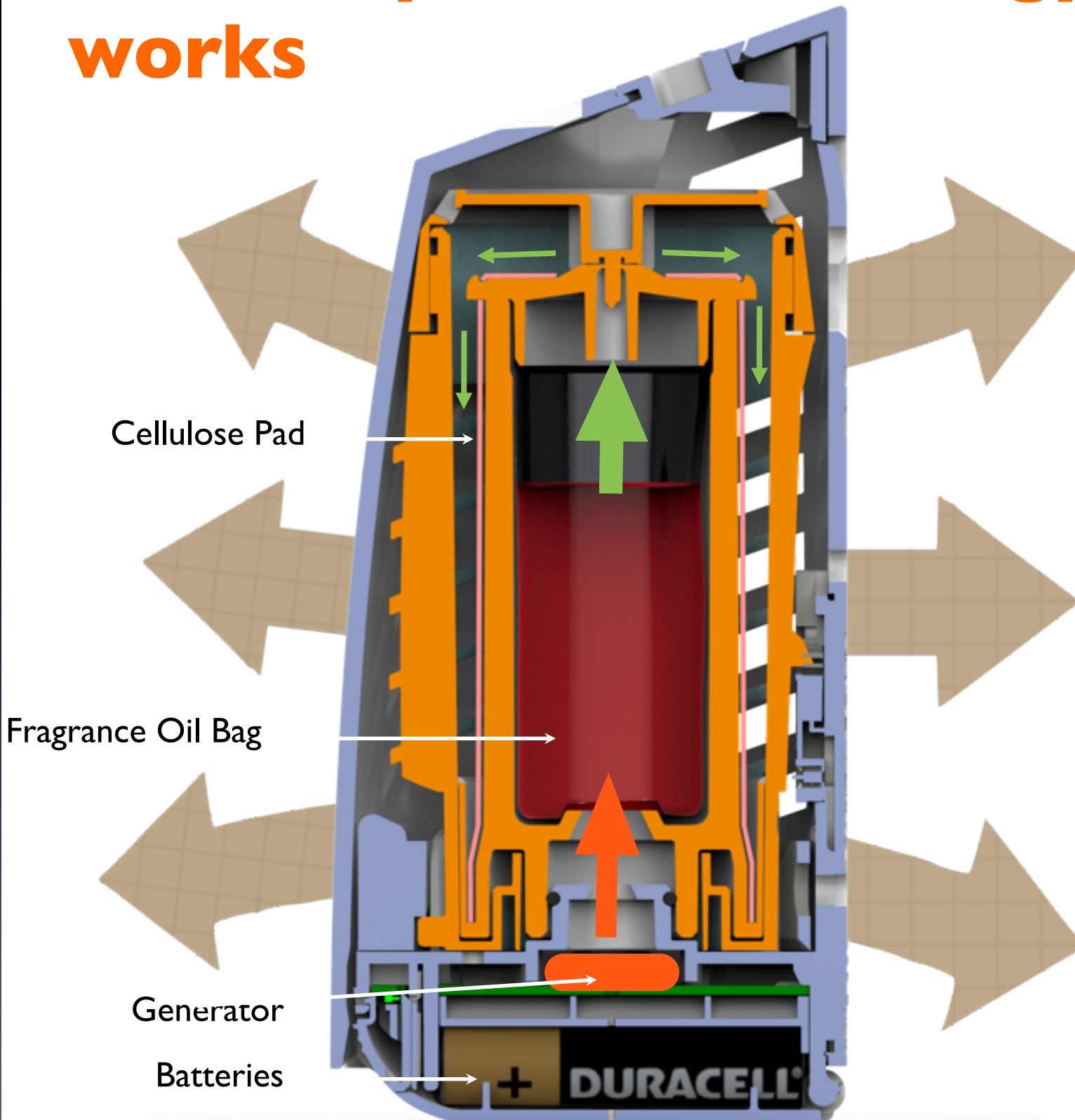


oxy-gen™
POWERED



Oxy-Gen Powered Technology

How Oxy-Gen technology works



- 1** Batteries supply power to the generator
- 2** Fragrance pouch is squeezed using the pure oxygen from the O₂ generator
- 3** Liquid fragrance oozes from the top
- 4** The cellulose pad picks up the fragrance and spreads on the pad surface
- 5** Natural airflow picks up the fragrance and emanates into the room

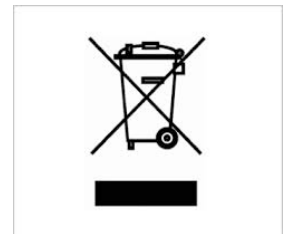
The Oxygen Generator

- ✦ Has two sides. When connected to a power source, the oxygen generator extracts oxygen from the air on one side and pumps 100% pure oxygen on the other side
- ✦ Does not deplete any oxygen from the atmosphere
- ✦ It simply uses the existing oxygen in the air to pump fluids at the desired rate, accurately, constantly and continuously.
- ✦ The technology is protected by U.S., EU and worldwide patents.



Dispenser houses

- ✦ The generator that delivers the oxygen
- ✦ Batteries that power the generator
- ✦ Electronics and controls.
- ✦ CE, ROHS and WEEE Compliant Dispenser



Dispenser indicates



Dispenser working well

Replace Refill

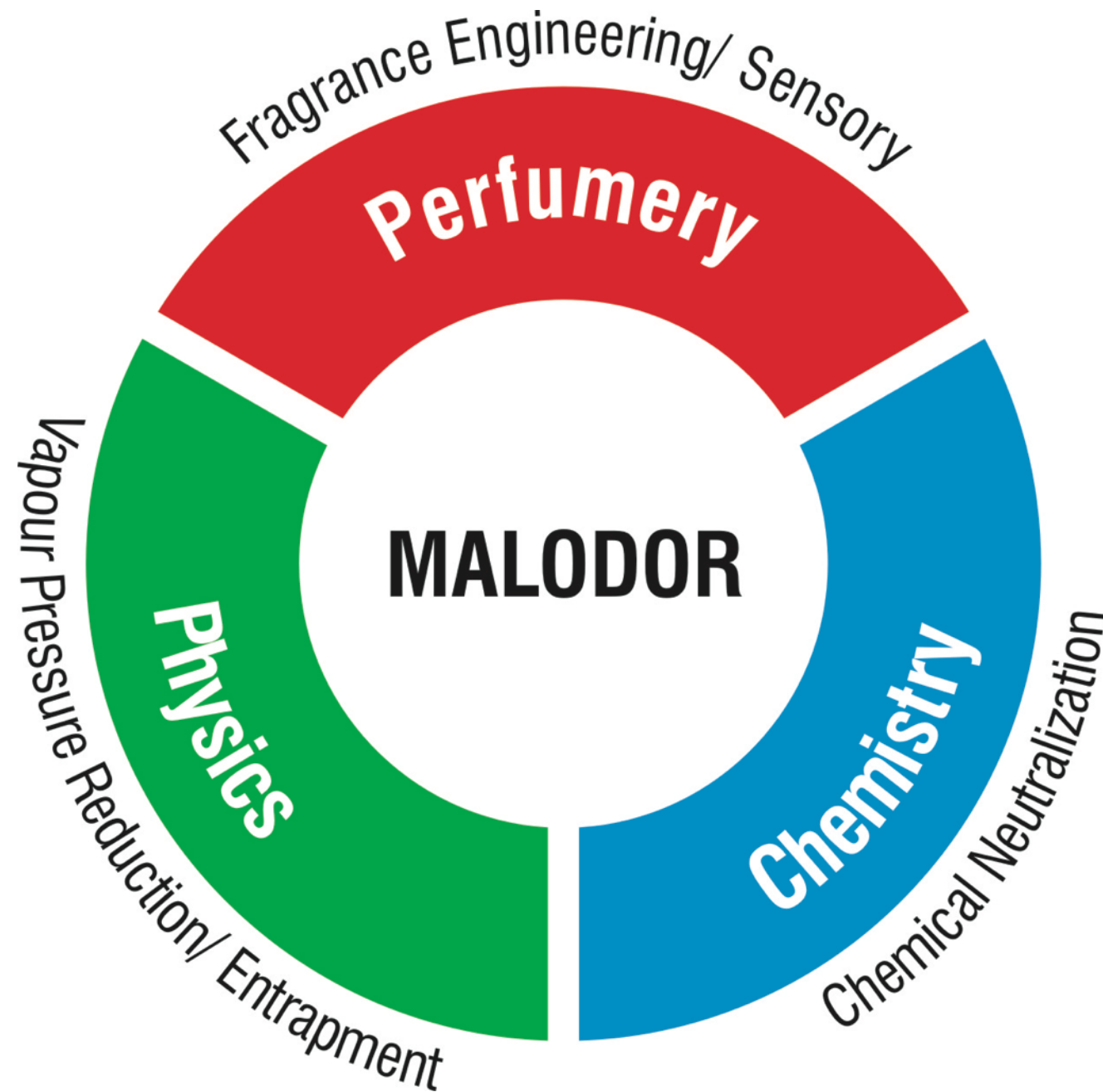
Replace batteries



The Refill

- ✦ All components are fully recyclable
- ✦ Contains 30ml of pure fragrance oil
- ✦ The fragrance oils are CARB, EU and REACH compliant
- ✦ Holds a cellulose pad from which the fragrance evaporates
- ✦ Has a tamper-proof seal to prevent any kind of leakage during transportation



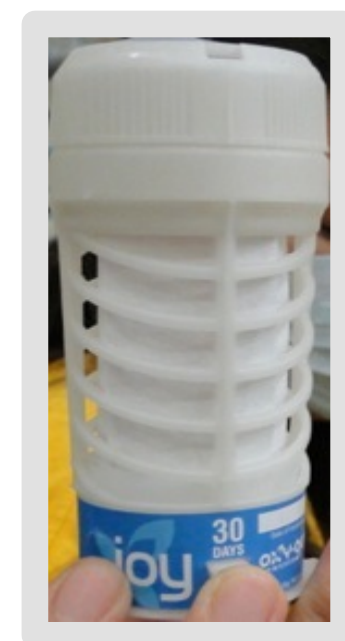
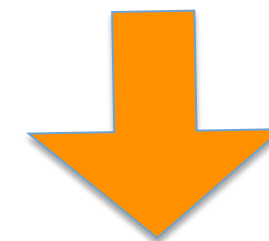
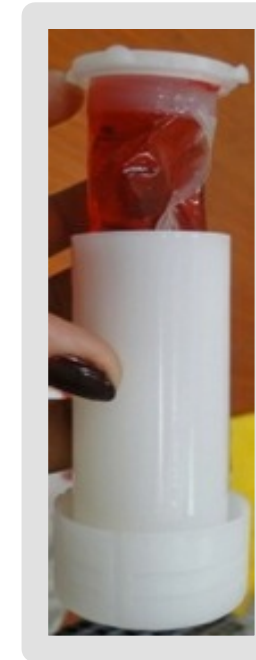


neutralox malodour
eliminator

NEUTRALOX™ : is a Malodor Eliminator optimized to work with fragrances on targeted malodours. Neutralox™ is approved for use in fragrance formulations that meets industry safety standards and is active against, tobacco, kitchen, sweat, faecal, urine, mildew and pet malodours

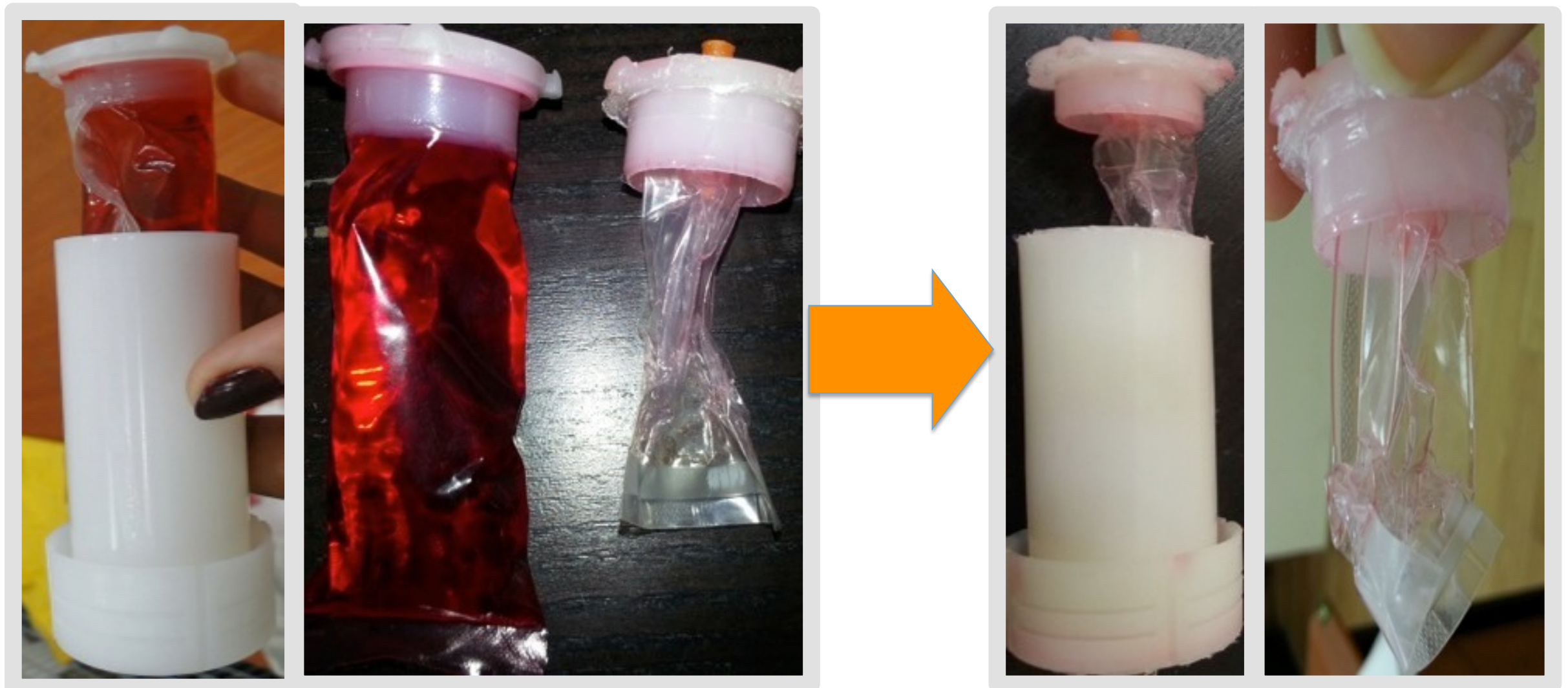
Inside the Refill

- ✦ A plastic pouch is filled with pure fragrance oil and inserted into the main plastic refill chamber and welded to create a gas tight refill
- ✦ A fragrance emanating pad is attached to the refill chamber that is placed inside a protective outer top and bottom cover.



Before and After

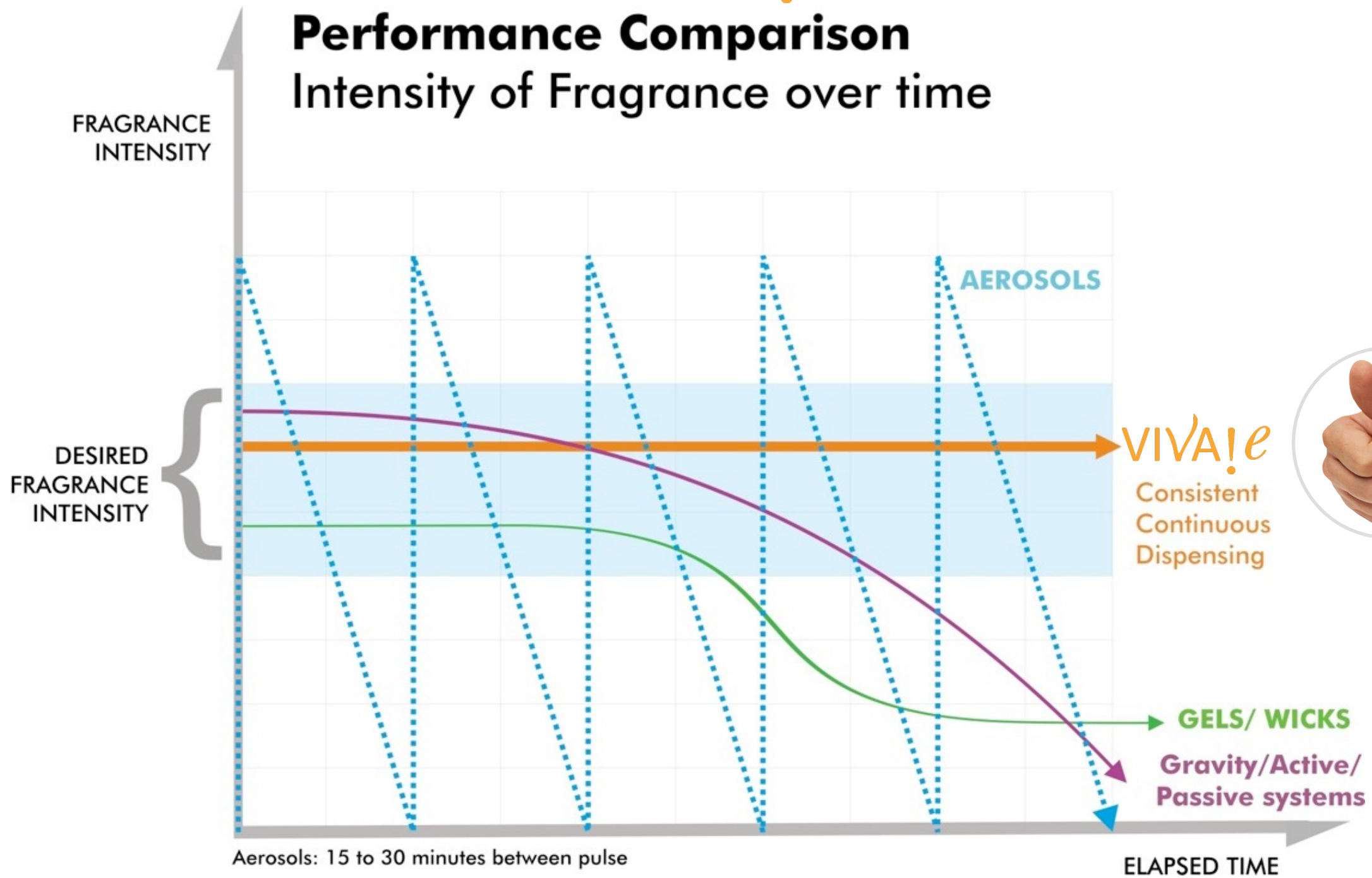
The Oxygen squeezes out the entire 30 ml of fragrance oil from the refill



ADVANTAGE *VIVA!e*

Performance Comparison

Intensity of Fragrance over time



Value vs Competition

Reliable performance

Product that lasts for 60 days
without any performance issues

Experience a fresh, clean fragrance
every time you
use the facility/restroom



ECO FRIENDLY

It does not emit any harmful or volatile propellants into the atmosphere



**SILENT OPERATION
NO NOISE**

Aesthetically attractive design and silent operation

A system that is not an aerosol or a pump spray

Refills with no harmful propellants or solvents

Makes no noise



Powered by 2 x AA Alkaline batteries
that last upto 2 years



LOW VOCS

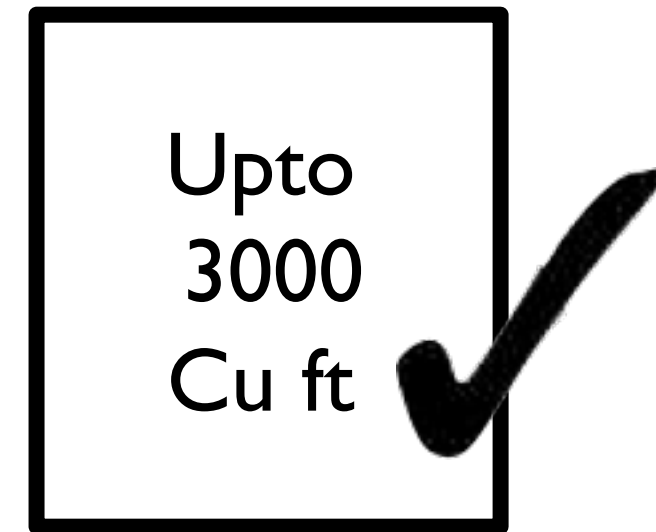
Refills are CARB (California)
and EU Compliant

No added VOCs to dispense the fragrance
The mechanism is purely powered by oxygen
Considerable reduction of VOCs compared to
other systems



Contains about **6 times** more fragrance oil than most of the aerosol sprays - 30 ml of pure fragrance oil compared to 2 ml to 8 ml of fragrance oil in spray systems

Can effectively fragrance the **same area** of a spray or other systems



Covers an area of up to 3000 cubic feet

Ideal Conditions

Closed Room

Not near an exhaust/ extractor fan



RECYCLE

The refill consists of fully recyclable plastic parts. The entire refill can be disposed in a recycling bin, unlike aerosols, which require special waste disposal



EASY TO REFILL

Easy to change bi-monthly refill replacement.
Annual battery replacement

100% recyclable - Use and Dispose refills

Easy to install and service/change refills



**NO LEAKING
AND POOLING**

Works against gravity
and hence no
pooling or leaking



**ALL WEATHER
PRODUCT**



NON TOXIC

The product is safe
and easy to store and
transport due the fact
that it is not a
pressurised can and
also due to its small
compact size.

No pooling or leaking.

**Unaffected by temperature, humidity or other
environmental factors**

**Refills and dispensers that are safe to
store and transport**

Viva!e vs Aerosols, Pumps and Gels



Aerosols:

Fragrance **evaporates** within minutes.

Uses potentially harmful **propellants that can cause allergic reactions.**

Contains **mostly gas,** solvents or acetones.

Contains **only 2-8%** fragrance oil

Pump Sprays

Dispenses large droplets of fragrance oils that **drop down very fast.**

Leaves **wet, slick spots** on the floor

Contains **mostly water,** solvents and surfactants

Contains **only 2-8%** fragrance oil

Gels/wicks

Cannot maintain the same level of fragrance.

Fragrance **disappears quickly** during the first week of exposure.

Extremely high battery consumption

Viva!e vs Gravity and Hydrogen Fuel Cell systems



Gravity based systems

Highly **susceptible to environmental conditions**

The delivery of fragrance is **not precise** and **not controlled** since it is based on gravity

Subject to **leaking and pooling**



Hydrogen Fuel Cell Systems

Hydrogen is created by the chemical reaction in a **zinc oxide battery**

Does not work well in **hot and humid** conditions

Not proven in pharmaceutical or any other industry

Subject to **leaking and pooling**

Leaks during transport and storage

VIVA!e

Technology that works

Thank you
Technology that works