



## APPLIED SCIENCE VENTURE (SGP) PTE LTD

68 Sungei Kadut Loop  
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Singapore 729504

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### PROFILE

Applied Science Venture (SGP) Pte Ltd was established in 2003. Headquartered in Singapore, we are housed in our own building -- the 170,000 sq ft, multi-purpose NutzCentre. We are an innovative company, always aspiring to innovate and to create practical and user-friendly products by applying the principles of Science and Engineering. We strongly believe in collaboration via joint ventures on Research & Development (R&D) with local and foreign companies to promote innovation amongst Singaporeans. This is achieved through co-operation with new and aspiring inventors in their research and development programs while instilling an entrepreneurial spirit in these individuals.

We strive to create positive, long term business relationships and take pride in seeing our concepts evolve and mature. We also create new opportunities and new markets for our customers through the development of innovative products. Our goals in product development are to create the most practical and user-friendly products that are applicable in everyday life.

#### APPROACH

We are committed in our approach towards R&D programs and endeavour to form our own initial core team of R&D personnel. This team will comprise of administrators, engineers, marketing personnel and technicians who specialise in their own fields.

#### MISSION

To enjoy the challenges of creating patentable technology, which we rapidly translate into highly marketable products for our customers and to provide ultimate satisfaction for all consumers.



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## FEATURES

Ozone is expressed by the chemical symbol O<sub>3</sub>. Its oxidization is the strongest next to fluorine among the natural elements and it has a unique pungent smell. Ozone is a very unstable compound, decomposing itself under normal temperature to return to the stable state of oxygen.









## SAFETY

At higher concentrations, ozone is toxic and harmful to people.

## OZONE IN NATURE

Ozone exists in nature and may be produced during thunder storms. It can also be produced from copy machines and lights.

## OZONE AIR PURIFIERS

FOR PEST AND ODOUR CONTROL			FOR MOSQUITO CONTROL
			
<p><b>Quality Life Personal</b></p> <p>For Offices, Families etc.</p>	<p><b>Quality Life 3</b></p> <p>For Offices, Restaurants, Factories, Nurseries, Storerooms, Toilets, etc.</p>	<p><b>LiteHouse</b></p> <p>For Offices, Restaurants, Libraries, etc.</p>	<p><b>Quality Guard</b></p> <p>For Indoor and Outdoor Guard Against Mosquitoes</p>
			
<p><b>Quality Life Commercial</b></p> <p>For Offices, Shopping Centres, Toilets, Schools, etc.</p>	<p><b>Quality Travel</b></p> <p>For Private Cars, Taxis, etc.</p>	<p><b>Quality Travel 2</b></p> <p>For Commercial Transport Vehicles, Buses, Trains etc.</p>	<p><b>Quality Marine Life</b></p> <p>For Water Features, Fish Tanks, etc.</p>
			FOR ALGAE, UNPLEASANT MARINE ODOUR, MOSQUITO CONTROL



# THE OZONE ADVANTAGE

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Ozone products are used around the world in removing tobacco smoke, unpleasant odours, contaminants and microorganisms such as bacteria and mold. ASV continually improves and develops products based on end-user feedback through its Quality Life series.



## SANITARY FACILITIES

**Why cover odour with deodorizers, when it can be removed?**

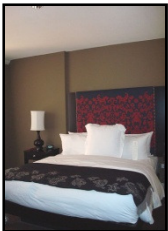
- Quality Life air purifiers eradicate unpleasant odours and destroy bacteria.
- Quality Life air purifiers are easy to install and require virtually no maintenance.
- By not using chemicals, Quality Life air purifiers are environmentally friendly.



## VENTILATION SYSTEMS

**Why blow contaminated air into your facilities?**

- Quality Life air purifiers destroy mold, bacteria, and other typical impurities prevalent in ventilation systems
- Increase the effectiveness of your work force with purer air
- Extend the effect of manual cleaning and avoid the need to purchase costly new systems



## RAPID CLEANING

**Why let cleaning be the bottle neck of your operations?**

- The easy-to-use air purifiers power-clean even the most demanding sites in no time
- Increase the turn-over time (of cleaning) hotel rooms & vehicles
- Cleanse air and refresh the home or office environment



## COMMERCIAL TRANSPORT VEHICLES

**Why risk your passengers' health with unhygienic air?**

- Keep your vehicle clean from mold and other impurities
- Achieve a competitive advantage by removing pests and offering passengers cleaner air

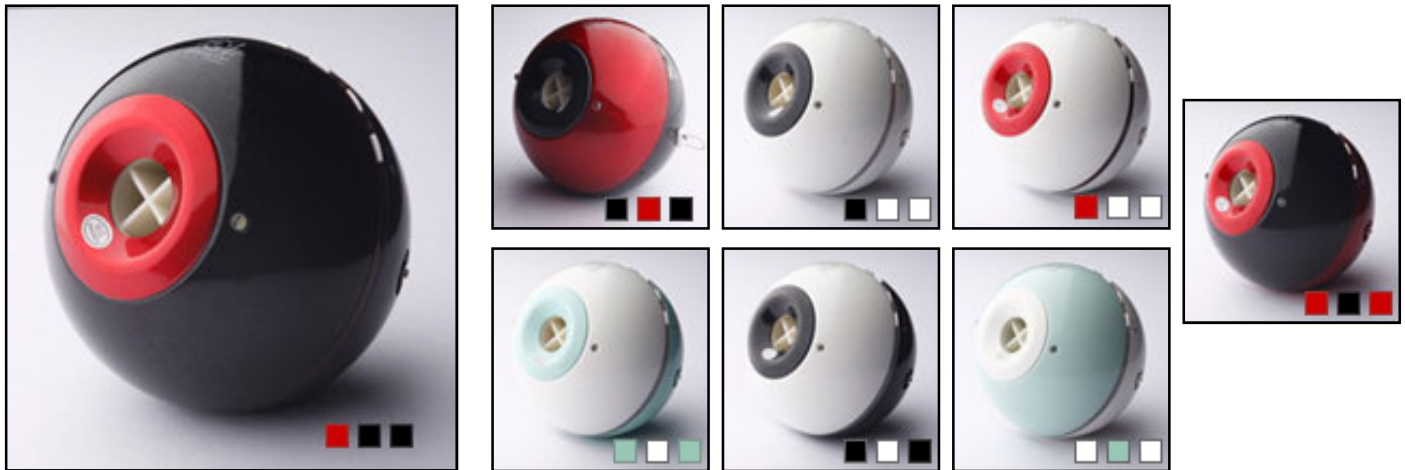


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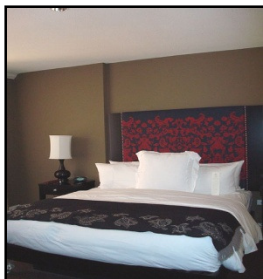
Air sanitizers with timers that cleanse the environment and get rid of pests and unpleasant odours.

## FEATURES

- Eliminates cigarette and other unpleasant odours.
- Pest control device – effective against common household pests like ants, cockroaches, lizards and rats.
- Kills and prevents mould.
- Sterilizes & sanitizes the environment.
- Removes bacteria in the air.
- No chemicals required.
- Timer Control.
- Minimal maintenance.
- Low electricity consumption.
- Personal fan.
- Torch included.
- Ideal for offices, homes and as gifts.

## SPECIFICATIONS

Material	: ABS (Anti Burn)
Weight	: 1.07kg
Dimensions	: 120 mm(Diameter)
Power Requirement	: 100V ~ 240V (AC) / 50/60 Hz or 12 (DC) 900ma { In (+) / Out (-)}
Colors Available	: 8 choices
Warranty Period	: 12 months



The Quality Life 3 boasts a user-friendly timing control system, programmable with multiple operation cycles in a day.

## FEATURES

- Eliminates cigarette and other unpleasant odours.
- Pest control device – Effective against common household pests like ants, cockroaches, lizards and rats.
- Sterilizes & sanitizes the environment.
- Kills and prevents mould.
- Removes bacteria in the air.
- Programmable timer control to allow multiple operation cycles in a day.
- No chemicals required.
- Low electricity consumption.
- Minimal maintenance.
- Ideal for homes, offices, kitchens, washrooms.



## SPECIFICATIONS

Material	: ABS (Anti Burn)
Weight	: 1.07kg
Dimensions	: 11.5 cm (L) x 13cm (B) x 6cm (H)
Power Requirement	: 100V-240V (AC) or 12V (DC)
Colours Available	: Black and Cool Grey
Warranty Period	: 12 Months



Style meets innovation in the LiteHouse, the new 3-in-1 appliance with a lamp, fan and air sanitizer. With a versatile and user-friendly timer system, it can be easily programmed to be fully-automated to get rid of pests and unpleasant odours. It can serve as an attractive decorative ornament for homes and offices.

## FEATURES

- Reduces cigarette and other unpleasant odours.
- Pest control device – Effective against common household pests like ants, cockroaches, lizards and rats.
- Kills and prevents mould.
- Removes bacteria in the air.
- Sterilizes & sanitizes the environment.
- No chemicals required.
- Built-in lamp.
- Ventilating Fan.
- Versatile user-friendly timer control program.
- Night light and Emergency light.
- Anti-slip base.
- Minimal maintenance.
- Low electricity consumption
- Suitable in living rooms, study rooms, offices, schools, libraries.

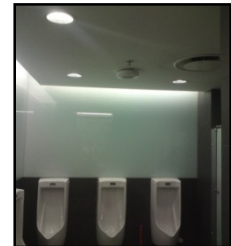
## SPECIFICATIONS

Material	: ABS (Anti burn )
Weight	: 3.8kg
Packaging Dimensions	: 300mm(L) X 300mm(B) X 550mm(H)
Power Requirement	: AC230V 50HZ
Colours Available	: Black and Cool Grey
Warranty Period	: 12 months (From date of delivery)



# QUALITY LIFE COMMERCIAL (QLC)

FOR PEST AND ODOUR CONTROL



**Eliminates mould, foul smells and pests.  
Suited for homes and offices.  
Also suitable for toilets, corridors, stairwells, store rooms.**

## FEATURES

- Remote control system.
- Eliminates cigarette and other unpleasant odours.
- Pest control device – effective against common household pests like ants, cockroaches, lizards and rats.
- Kills and prevents mould.
- Removes bacteria in the air.
- No chemicals required.
- Sterilizes and sanitizes the environment.
- Timer available; device is fully programmable.
- Clock.
- Emergency light.
- Fan cooling system.
- Minimal maintenance.
- Low electricity consumption.

## SPECIFICATIONS

Material	: ABS /PC(Anti Burn)
Weight	: 3.4kg
Power Equipment	: 220V ~ 230V(AC) / 50/60 Hz
Colour Available	: Milky white
Warranty Period	: 12 months

Dimensions:

I) Battery Pack : 230mm(L) x 85mm(H) x 105mm(W)

II) Main unit : 230mm(Diameter) x 90mm (Height)



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## Clean, Fresh Air for You and Your Passengers



For smaller vehicles



For commercial vehicles

### FEATURES

- 12V DC -- Ideal for cars, taxis.
- Fully automatic with remote control
- User friendly
- Reduces and eliminates cigarette and other unpleasant odours.
- Pest control device – Effective against pests like ants, cockroaches, lizards and rats
- Sterilizes and sanitizes the environment.
- Removes bacteria in the air
- Kills and prevents mould
- Effective ventilation
- No chemicals required
- Fuel saving
- Minimal maintenance
- Low electricity consumption.

### SPECIFICATIONS

- Material : ABS (Anti Burn), UL94V-0 (fire resistant/retarding material)
- Weight : 1.3kg
- Dimensions: 25.6cm (D)
- Power Requirement : 12V (DC)
- Colours Available: Cool Grey
- Warranty Period: 12 Months

### FEATURES

- 24V DC -- Ideal for buses, Coaches, etc
- Programmable with remote control
- User friendly
- Reduces and eliminates cigarette and other unpleasant odours.
- Pest control device – Effective against pests like ants, cockroaches, lizards and rats
- Sterilizes and sanitizes the environment.
- Removes bacteria in the air
- Kills and prevents mould
- Effective ventilation
- No chemicals required
- Fuel saving
- Minimal maintenance
- Low electricity consumption.

### SPECIFICATIONS

- Material: ABS (Anti Burn), UL94V-0 (fire resistant/retarding material)
- Weight: 1.4kg
- Dimensions: 26.45cm (D)
- Power requirement: 24V DC
- Colours Available: Cool Grey, Black
- Warranty Period: 12 months from date of delivery.





# QUALITY GUARD (QG)

FOR MOSQUITO CONTROL



PATENT  
PENDING



Rid Yourself of those Nasty  
Pests



Quality Guard – a user-friendly mosquito repellent with a timer to guard your family and your loved ones against pesky bloodsuckers.

Portable and chemical free; for anyone seeking a mosquito-free environment.

## FEATURES

- Effectively repels mosquitoes.
- Lightweight and portable.
- User-friendly timer control.
- Built-in night light.
- Low electricity consumption.
- No chemicals required.
- No refills
- Minimal maintenance.
- Suitable for homes, offices, schools etc.
- Patent Pending (Singapore).

## SPECIFICATIONS

Material	: PC/ABS (Anti Burn)
Weight	: 0.5kg
Dimensions	: 155mm (Diameter) x 65mm (Height)
Power Requirement	: 110V - 240V (AC)
Colours Available	: 4 choices
Warranty Period	: 12 months



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# QUALITY MARINE LIFE (QML)

FOR ALGAE, UNPLEASANT MARINE ODOUR, MOSQUITO CONTROL



A revolutionary device to control algal growth in fish tanks. Prevents mosquitoes from breeding within the tank and eradicates unpleasant marine odours.

## FEATURES

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- Controls algal growth.
- Prevents mosquitoes from breeding.
- User-friendly timer control.
- Minimal maintenance.
- No chemicals required.
- Low electricity consumption.
- Eco-Friendly.
- Patent Pending (Singapore)

## SPECIFICATIONS

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Material	: Polycarbonate
Weight	: 700g
Power Requirement	: Input : 230V(AC)

Dimensions:

I) Main device : 150 (L) x 78 (W) x 83(H)

II) Water circulation device : 120 (L) x Ø 64 mm



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**PATENT  
PENDING**



## MIRROR HEATER

The Mirror Heater is an invention that provides low energy and maintenance-free heating of bathroom mirrors to prevent fog and mist.

SPECIFICATIONS	FEATURES
Colours Available: Black Weight: 1.2kg	No electricity required for operation No maintenance Simple installation Ideal for toilets at home and in hotels



## ALARM-MATE

Alarm-mate combines sound and light features to make sure that someone will be alerted in case of any emergency in the bathroom. If you don't see the light blinking, you'll most probably hear it!

SPECIFICATIONS	FEATURES
Colours Available: Red Weight: 0.31kg Power Requirement: 230V (AC)	3m long pull string which can hang from most ceilings to floor level. Flashing emergency lights. Loud beeping alarm.

**PATENT  
PENDING**



## DIGITAL LOCK

A digital lock with many features, particularly an auto-random keypad to provide heightened security. A dual password function is also available, and multiple types of passwords can be set to provide security on every level.

SPECIFICATIONS	FEATURES
Colours Available: Blue Weight: 7.6kg Power Requirement: 220V ~ 230V (AC) / 50/60 Hz	Display number randoming. Different level password setting. Automatic update when password expired. Dual password options. Continuous operation of the lock in event of any trip in the mains circuitry. Ideal for the high-end security, hotels, storerooms, tool rooms, staff toilets, offices etc.



## iMOTION

The iMotion is a device for lighting control to save energy in public areas.

SPECIFICATIONS	FEATURES
Colours Available: White Weight: 0.11kg Power Requirement: 180V ~ 250V (AC) / 50/60 Hz Light Sensitivity: 2 Lux ~ 500 Lux	Automatically switches on lights when movement is detected. Detection range at 2.4m radius. Adjustable to suit different lighting levels. Ideal for use in corridors, toilets etc. (Connected lights must have capacity under 200W)



## TIMEHUB

An innovation to Conserve Electricity and Manpower.

SPECIFICATIONS	FEATURES
Colours Available: Grey Weight: 7.5kg Power requirement: 220V ~ 230V(AC) / 50/60 Hz, 50mA	PSB Approved (S/N: SG-2145). CB certified. User friendly & easy programmable. Equipped with light sensor. System can handle 8 channels of lighting and other electrical appliances. Energy saving while ensuring a degree of security for your premises. Programmable settings for 365 days a year: Daily, Weekly, Monthly, Special occasions and Holidays. Ideal for private and commercial properties, car parks, show rooms, operating of special lighting and electrical equipments, building lightings management, etc.



## ACCESSHUB

The AccessHub system is a new innovation to be used specifically in stairwells to save energy. It uses Infrared-Red technology coupled with a motion detector to switch on stairwell lighting only when required. A 2 digit LED display screen is used to display respective floor numbers. Emergency backup lighting as well as photocell sensor also built into the system to ensure that stairways will always be lit whenever human passage is necessary. A built-in emergency alarm will direct users to stairwell exits in the event of an emergency.

SPECIFICATIONS	FEATURES
Colours Available: Black Weight: 0.71kg Power Equipment: I) Transmitter: 220V ~230V (AC), 50/60Hz II) Receiver: 220V ~230V (AC), 50/60Hz	Emergency backup light. Emergency alarm. Floor level display. Ideal for staircases, lift lobbies, etc.

Patent Pending



## POWERHUB

PowerHub is a safe and easy-to-use power rail that can be mounted on almost any surface or installed inside walls. It consists of a row of power points which can be extended if required. The compatible socket adaptors provided can be connected easily along PowerHub, which allows great flexibility of use with a large majority of everyday appliances.

SPECIFICATIONS	FEATURES
Colours Available: White Voltage rating: AC 230V Single Phase	IP55 Rating Maximum current rating of 40A.



## FUNB AND THERMAL BAG

An Innovation to Bottle Up! A high quality water bottle made with FDA approved material. Purchase an additional multi-purpose thermal bag to keep your liquids warm.

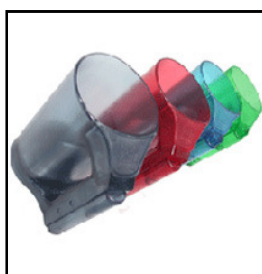
SPECIFICATIONS	FEATURES
Colours Available: Blue, Green, Grey, Orange, Red Material: FDA approved DuPont Weight/capacity: 0.25kg/600ml	2nd Prize winner of Singapore Gifts and Promotion Product (GAPP) Design Awards 2006 FDA approved material, with ergonomic grip. Able to safely contain boiling water. Multiple bottles are stackable allowing easy storage. Ideal Innovation gift for all occasions. Optional accessories: Thermal Bag.



## GRIP

An innovation to GRIP things in place at home, at work and on the move.

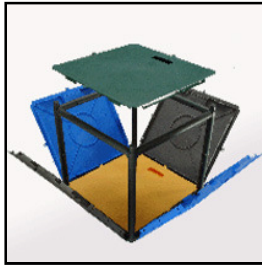
SPECIFICATIONS	FEATURES
Colours Available: Blue, Green, Red, Yellow Weight/capacity: 0.14kg	Top 10 Finalists in Exhibitor Category of Singapore Gifts and Promotion Product (GAPP) Design Awards 2006 Multiple usage holder that Grips onto almost any smooth surface. Ideal for work desks, vehicle dashboard, children's table, on boats and trains, and much more. An Innovation gift for all occasions.



## GRIP 2

A high quality Mug that innovatively grips onto smooth surfaces.

SPECIFICATIONS	FEATURES
Colours Available: Blue, Green, Red, Grey Weight/capacity: 0.24kg/600ml	An innovative Mug that grips on your work desk, in your vehicle, on your child & dining table, on the bus & train, etc. FDA approved material. Able to safely contain boiling water. Quick release lever. Small, conveniently located storage compartment to hold anything from sweets to tablets. Ideal Innovation gift for all occasions.



## MAGICQ

An Innovative Solution to Storage Problems.



SPECIFICATIONS	FEATURES
<p>Colours Available: Black, Blue, Green, Grey, Yellow            Weight : 3.6kg            Dimensions: 40cm (L) x 40cm (B) x 40cm (H)</p>	<p>Top 10 Finalist in Exhibitor Category of Singapore Gifts and Promotional Products (GAPP) Design Awards 2006            Accessible from all sides, allowing easy and convenient retrieval of items.            Mix and match, stack &amp; snap multi storage cube.            Various usages from display unit to document storage box.            Configure multiple cubes to your imagination.            Easy DIY assembly.            Secure and lockable.            Wheels can be added for easy maneuverability.            An innovation where function truly meets creativity.            Ideal for home, offices (law and accounting firms where document storage is essential), schools, product display in shop, store, warehouse etc.</p>