

# Proven indoor protection against SARS-CoV-2

Corona Canon creates a safe environment for staff, visitors and customers by protecting your indoor spaces from SARS-CoV-2 and other infectious viruses

The unique Shycocan™ technology targets and de-activates the spike proteins on coronaviruses so they cannot penetrate healthy cells – rendering the virus harmless. Corona Canon does not kill viruses, but disables them by neutralising the electrical charges of the spike protein.

## Who is it for?

Corona Canon can safeguard any indoor space frequented by customers, staff and visitors, including:

- Retail and hospitality – shops and restaurants
- Offices – businesses, charities and government
- Healthcare – hospitals, medical centres and care homes
- Essential services – places of worship and funeral homes
- Leisure – cinemas, fitness centres and theatres
- Public buildings – schools, courts, libraries and police stations
- Transport hubs – stations and airports

## Using Corona Canon

### What size room does it protect?

Each Corona Canon device is recommended for a space of up to 100m<sup>2</sup>.

### How long does it take to work?

Corona Canon starts de-activating viruses as soon it is switched on. After 15 minutes, the space can be considered safe for humans to enter.

### How long does the protection last?

24/7. Corona Canon is proven in laboratory tests to keep de-activating viruses in the air and on surfaces while it is on.

### Do I still need to clean and disinfect?

Yes. Use Corona Canon for additional protection alongside your cleaning routines and safety measures such as social distancing.

### Is it safe to operate?

Yes, it's as safe as a mobile phone. Corona Canon does not emit ozone. It has undergone electrical, radiation and other consumer safety tests (see over).

### How much does it cost to use?

Corona Canon is cost-effective, only using 0.04 kWh of power, which costs less than 1 cent per hour.

### Is it difficult to install and use?

No. Corona Canon can be easily mounted on any wall and plugs into a regular socket. Just switch it on and it will continue to de-activate coronaviruses until you turn it off.

### Can it be used with air conditioning?

Yes. Corona Canon does not interfere any electronic devices and can be safely used with air conditioning.

## What is the evidence behind Corona Canon?

Corona Canon has undergone laboratory tests\* (see over) around the world demonstrating its effectiveness in neutralising viruses with spike proteins, such as coronaviruses and influenza.

### Efficacy tests

Applications	Tested
Prevents surface spread of SARS-CoV-2	TNO, the Netherlands Organisation for Applied Scientific Research. May 31 2021
Prevents airborne spread of avian coronavirus** (a surrogate* for SARS-CoV-2, with a spike protein)	Indian Institute of Technology Guwahati. November 6 2020.
Prevents surface spread of equine arteritis** (a surrogate* for SARS-CoV-2, with a spike protein)	Laboratorios de especialidades inmunológicas, Mexico. 2 June 2020 (report in Spanish). Laboratorios de especialidades inmunológicas, Mexico. 16 June 2020 (report in English).

\* Regulations in many countries prohibit laboratory tests involving COVID-19. For this reason, surrogate viruses with spike proteins have been used in tests. These include avian coronavirus, equine arteritis and influenza B.

\*\* TNO, the Netherlands Organisation for Applied Scientific Research, has reviewed the Indian and Mexican tests and concluded that the Corona Canon is antiviral against several viruses, including coronaviruses that are considered surrogates for SARS-CoV-2.

Both the above effectiveness reports, and the report in which TNO has assessed the internationally performed tests, can be requested from Uwin Medical.

### Safety tests

Shycocan™ has also undergone electrical, radiation and other consumer safety tests according to European Union standards. These include:

- Radiated Disturbances (Emissions) Voltage
- Fluctuations and Flicker Emissions
- Electrostatic Discharge (ESD) immunity test
- Radiated RF Disturbance (Radiated Susceptibility) Electrical Fast Transient immunity test
- Surge immunity test; Immunity to Conducted Disturbance, induced by radio-frequency fields
- Power Frequency Magnetic Field Immunity Test Voltage Dips and Short Interruptions



### Technical specifications

Technical Name	Scalene Hypercharge Corona Canon	Comparative Tracking Index	600 volts
Operation	Hypercharge High Velocity Electron Generation	Dissipation Factor at 50Hz	0.02
Operating Input Voltage	110V and 220V standard power supply	Permittivity	5 max
Estimated P-Electron Production/Second	10 to 100 trillion per second	Electrical Strength	50 KV / 25mm
Operating Current	0.11 to 0.35 Amps	Moisture Absorption	0.04%
Switching Frequency	15 to 20 KHz (Dynamic)	Estimated Acceleration rate	1,500,000 eV
PMEE	VIKUR – Super Alloy	Recommended Area Covered	100 sq. m
Cannon Material (Pin)	Iron - Zinc	Instrument Cooling Air Flow	64 CFM
Canon Base	Non-Conductive PP	Static Air Pressure	0/13 Inch-H2O
Cannon Shell	FRCL-12	Ozone, RoS, NOx, SOx emissions during operation	Below Detection Levels (BDL)
Insulation Resistance	20,000 MΩ	Reduction of TVOC in a confined space (from Human Breath)	8.95 mg/m3/min