

GANGI
GERMICIDAL SYSTEMS

Safe & Sustainable



Our beginning

Gangi Electrics are one of Australia's fastest growing commercial and residential electrical contractors, offering a wide array of turn-key solutions.

Whether you're a multinational company completing a large tier one development or a homeowner who needs a hand - we offer the same high level of service, clear communication and industry leading expertise.

Family owned since 1978

Sebastiano Gangi started Gangi Electrics in Mentone, Victoria in 1978 and quickly grew it into a widely respected organisation. Today the business is still family owned and run.

Although Gangi Electrics has grown fast, we still live by the same Gangi family ethics of integrity, reliability and respect. And we're still delivering innovative end-to-end solutions that solve our client's problems.



Gangi Germicidal UV-C systems: Features

Fully-automated, safe & effective disinfection

Completely automated

We've automated our system using enterprise-grade security systems. That means you can set and forget it, while benefiting from a safe and hygienic environment.

Up to 99.99% effective

Germicidal UV-C technology can break down the DNA structure of up to 99.99% of viruses and bacteria on every surface and within air, given correct light exposure. That includes COVID-19.

Cost effective

A well installed UV-C germicidal system will save you serious time and money - potentially eliminating the need to spend on labour and chemicals for cleaning.

100% safe

Automation, an advanced presence detection system, auto-shutdown, auto-locking of doors during operation and connection to facility alarms ensure our system is 100% safe.

Environmentally friendly

Our system can disinfect so effectively that it negates the need to use toxic cleaning chemicals. Less bleach, less risk, less manual labour - more sustainable.

Daily monitoring & reporting

You'll receive automatically generated reports that list each space and confirms whether disinfection cycles have been completed. This feature monitors safety measures to ensure stakeholders are informed of system operation

Our Services & Solutions

We make it easy to keep your space clean and safe, with the first fully-automated UV-C and germicidal lighting system in Australia.

We offer an end-to-end service including:

- > Supply of germicidal UV-C systems.
- > Commissioning of UV-C germicidal light fittings & germicidal HVAC systems.
- > Installation of all systems.
- > Ongoing maintenance of systems as required.

A simple, one-off installation could save you thousands in cleaning expenses & help create a safer environment, reducing the spread of bacteria & viruses.

Gangi Germicidal Systems Industries



HEALTH CARE



FOOD PROCESSING



EDUCATIONAL



COMMERCIAL



TRANSPORT & EMERGENCY SERVICES



HOSPITALITY

Who We Are

Gangi Germicidal Systems is part of the Gangi Group, a family-owned and operated business established over forty years ago.

The group started way back in 1978 when a hardworking fellow named Sebastiano Gangi started an electrical contracting company in South-East Melbourne. Word got round that he and his staff were trustworthy, reliable and diligent.

We started small but we're now operating nationwide in Australia and New Zealand.



Same values, new generation

Today Gangi Electric is still family-owned and operated - by the sons and daughter of founder Sebastiano Gangi.

Daniel, Robert and Carla Gangi now run the business and are constantly researching innovations that make our customer's lives easier. Gangi Germicidal systems was born from that research and dedication to our customers.

Be part of the Gangi family

When you work with Gangi Germicidal Systems you're working with a business that prioritises long-term relationships, treating our clients and staff like they're part of the Gangi family.



COTTON:ON

BowdenCorp



KAPITOL GROUP



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Kapitol engaged Gangi to install a UV filtration system for our new head office and we couldn't be more pleased with the outcome.

The disinfecting system is a wonderful innovation and with COVID still a prominent issue in the community, has made our workplace safer for our staff by ensuring the air is as clean and pure as possible.

KAPITOL GROUP
Andrew Deveson
Director - Kapitol Group

Case Study

National professional sporting club

Disinfection of air and surfaces in training facilities

Gangi Germicidal Systems are working with professional sporting clubs to provide safe, automated disinfection of their training facilities and treatment rooms.

Our system has been installed to help reduce the spread of viruses and bacteria, keep players and staff healthy, and ensure that they can perform on and off the field.

Higher performance, better productivity

We installed germicidal UV-C lighting in the HVAC system of the club's sealed high-altitude training room. As the air circulates through the HVAC system it's treated with UV-C light, which reduces the chance of airborne pathogens such as COVID-19 spreading.

Additionally, we installed UV-C germicidal lighting which automatically turns on when players leave the room in order to disinfect surfaces.



Research shows that if you improve the conditions in any professional environment, staff will be more productive and take fewer sick days. For high-performance organisations such as professional sporting clubs - small changes such as these can make a profound difference.

Case Study

Emergency transport

Clean Cart: Custom chambers to disinfect patient stretchers and other healthcare equipment.

Working with a provider of emergency healthcare services, Gangi Germicidal Systems designed and implemented custom germicidal UVC systems in emergency aircraft under the Clean Cart Brand Name.

This system enables easy, quick and cost-effective disinfection of stretchers to improve the health and safety of staff and patients - while reducing the time required to clean and disinfect.



Beyond disinfection

To disinfect a stretcher a healthcare practitioner simply needs to place it in the chamber for a short period of time. But our system is more than just disinfection.

We've added a tag to each stretcher which provides an alert each time a stretcher is disinfected, saving that information to a database.

We can then set the system to provide an alert when a stretcher hasn't been disinfected for a certain number of days, and provide a record of each time the stretcher was disinfected. This enables easy quality assurance, monitoring, and health and safety reporting.

Case Study

CSIRO grant and cutting edge research

Investigating emerging germicidal lighting sources

Gangi Germicidal Systems has been awarded a grant by The Commonwealth Scientific and Industrial Research Organisation to investigate the viability of blue light as a germicidal light. As part of the grant we're working with a number of prominent universities throughout the country such as Swinburne University.



The future of germicidal lighting

The goal of the study is to analyse the difference between UV-C and blue light in disinfection, and develop systems that work with blue light. So far we've found that blue light is a promising disinfection alternative in situations where space and energy are at a premium.

This research is all part of our ongoing commitment to continual improvement - a constant pursuit of smarter innovation in order to bring you smart solutions that help your organisation stay safe and thrive.



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