



## Revitalise your environment with indoor air quality solutions from BOC.

Smells and contaminants in the air can impact the enjoyment and health of your customers and employees. BACTIGAS® containing natural Australian tea tree oil sanitises air conditioning ducts 24 hours a day, 365 days a year from moulds, bacteria and their associated odours.

Ideal uses include:

- Households
- Resorts and hotels
- Office blocks
- Car air-conditioning
- Offshore oil rigs

# Stay refreshed with BACTIGAS<sup>®</sup>, the natural choice for indoor air quality for use in the treatment of air conditioning systems.

## What is BACTIGAS<sup>®</sup>?

Confined spaces are a breeding ground for bacteria and promote micro-organism growth which can negatively impact the enjoyment and health of customers and employees. This effect is further extrapolated with additional nutrients or humidity.

BOC offers BACTIGAS<sup>®</sup> for micro-organism sanitisation especially for those hard to reach areas to assist you in keeping a hygienic environment.

BACTIGAS<sup>®</sup> has been designed to surface sanitise air conditioning ductwork. The droplets are small and self-propelled which fill inaccessible areas assisting in the reduction of non-specific microorganisms to a sanitary level. Australian studies have been conducted on BACTIGAS<sup>®</sup> by the University of Western Australia and the University of NSW.

The antimicrobial activity of BACTIGAS<sup>®</sup> concentrate as measured by the British Pharmacopoeia Antimicrobial Test (BP 1982 Appendix XVC) achieved immediate microbial count reductions of:

Bacteria	<i>Staphylococcus aureus</i>
Bacteria	<i>Pseudomonas aeruginosa</i>
Yeast	<i>Candida albicans</i>
Mould	<i>Aspergillus niger</i>

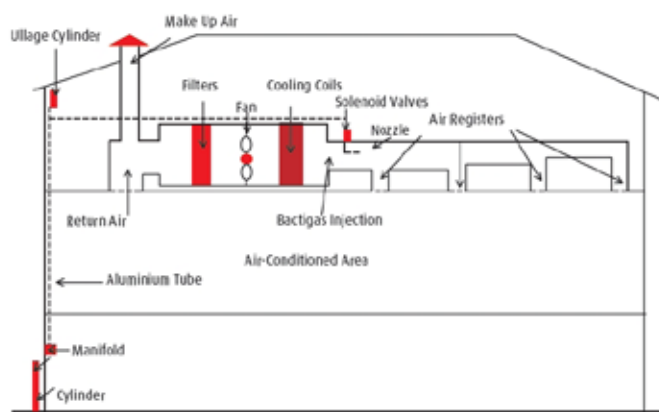
## What is BACTIGAS<sup>®</sup> used for?

- **Households** particularly in humid areas can utilise BACTIGAS<sup>®</sup> to reduce mould growth and maintain a healthier environment.
- **Resorts and hotels** particularly in humid areas spend thousands of dollars per year cleaning and painting to combat the problem of mould, fungi, bacteria and their associated odours.
- **Office block air conditioning** ducts to aid the prevention of 'sick building syndrome' which is known to decrease productivity and produce sickness within its inhabitants.
- **Car cabin** use is simple and quick through the air intake which deodorises and sanitises for a fresh, cleaner smelling car.
- **Offshore oil rigs** around the world from Asia, the Middle East and Australia have been using BACTIGAS<sup>®</sup> for decades to maintain the health of their diving crews.

## How is BACTIGAS<sup>®</sup> applied?

Low level dosing of 1g/m<sup>3</sup>/24 hours results in the reduction of mould, bacteria or yeast growth on walls and other surfaces thus reducing the maintenance costs. BACTIGAS<sup>®</sup> can be applied automatically with a BOC automated dispensing system.

### TYPICAL AIR CONDITIONING LAYOUT



## Want to find out more?

Contact BOC today on:

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