



DUCT AIR TREATMENT

THE SIMPLEST WAY TO IMPROVE THE ON BOARD AIR QUALITY &
COMPLY WITH MARINE LABOUR CONVENTION 2006 (MLC2006)



The cleanliness of vessel air-conditioning systems is crucial to the crew and passengers' health and well-being. In hot and/or humid conditions, marine HVAC systems and package AC units are the ideal breeding grounds for bacteria, Legionella and mould.

Many common moulds and yeasts can produce allergenic effects, as well as unpleasant odours. All mould and yeast spores should be regarded as potentially allergenic. Repeated exposure to high concentrations of spores from any number of species (such as Penicillium and Aspergillus) can lead to crew sensitisation and can result in both acute (short term) and chronic (long term) health problems.

Duct Air Treatment is suitable for use in all air conditioning systems, including:

- Ducted systems
- Package units
- Non ducted wall mounted split systems and room air conditioners



MARINE PRODUCTS



DUCT AIR TREATMENT

Duct Air Treatment improves the air quality on board:

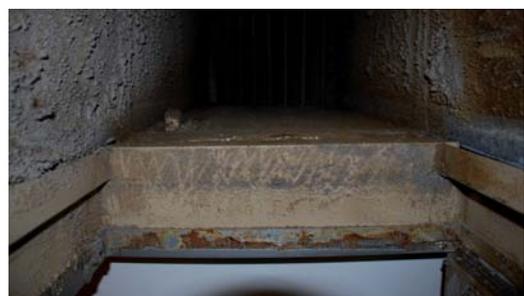
- Inhibits the growth of mold
- Kills Bacteria (Including Legionella)
- Kills Viruses (inhibits H1N1 replication cycle)
- Kills the cause of the smell instead of just masking it

Duct Air Treatment facilitates easy disinfection to prevent or control the spread of disease as required by MLC2006

Technical info:

Duct Air Treatment is a natural, biodegradable, non-toxic gel block consisting of complex polysaccharides, surfactants, purified water and 10% tea tree oil. It is formulated into a thermo-reversible solid water gel.

The block will evaporate, and mix tea tree oil onto the airflow (10 – 45 microgram per m³ of air). As an example a 2 kg block in an Air Handling Unit (AHU) supplying 50,000 m³ / Hr will last for about 40 days.



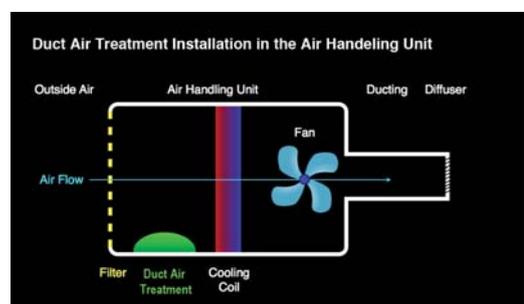
Mold inside the duct



Easy to install

Technical Specifications

| | |
|-----------------|------------------------------|
| Product Number: | 743466, 2 kg |
| | 764417, 4 kg |
| Package Type: | Aluminium bag |
| Melting Point: | <50 deg C with decomposition |
| Colour: | Yellow |
| Appearance: | Solid Gel |



Duct Air Treatment installation in the air handling unit

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