



Product INFORMATION

Gelair™ Air Conditioning Blocks (Gelair™ ABs) are used in **HIGH (AIR) VOLUME, HIGH (AIR) FLOW** areas such as the Air Handling Unit (AHU) of air conditioning systems to sterilise and sanitise the whole air conditioning system and effectively stop the spread of invisible mold, bacteria and viruses by treating all air entering and leaving the AHU.

Description

Gelair™ ABs consist of a specially formulated and patented gel matrix block impregnated with Tea Tree Oil which delivers controlled and sustained release of high quality Australian Tea Tree Oil vapour for up to 12 weeks. Once released, the vapour permeates through the entire air conditioning system, sterilising and sanitising the AHU supply ducts, return ducts and diffusers of the air conditioning system. The released Tea Tree Oil vapour also treats all the air passing through the air conditioner and into the building effectively stopping the spread of invisible mold, bacteria and viruses (including *Legionella*). **WE CALL THIS '360° TREATMENT'.**

The sterilising and sanitising properties of the Gelair™ AB continues for the entire life of the Gelair™ air conditioning block due to the superior ability of the gel matrix to control the release of specific concentrations of Tea Tree Oil vapour over a long period of time.

Gelair™ ABs are designed for use in **DUCTED AIR CONDITIONING SYSTEMS** sized from small, one-room systems through to large air handlers and cooling blocks for large office buildings.

About Tea Tree Oil

The active ingredient of the Gelair™ gel matrix is Australian Tea Tree Oil. Tea Tree Oil is an essential oil which is known around the world for its **INCREDIBLE STERILISING PROPERTIES** (removal or killing of all forms of microbial life present including transmissible agents such as fungi, bacteria, viruses, spore forms etc). The sterilising properties of Tea Tree Oil are present both in the oil and in the vapour (tiny particles of the oil which have become airborne).

Not all Tea Tree Oils are of a similar standard. All Gelair™ Products contain only Australian Tea Tree Oil sourced from a single ISO certified plantation. This ensures a superior product every time with minimal chance of irritation caused by poor quality oil.

Tea Tree Oil has a characteristic odour which most people describe as "fresh" and "clean".

Benefits

1. Kills mold.
2. Kills bacteria (including *Legionella*).
3. Kills viruses.
4. Eliminates odour caused by mold and bacteria.
5. Improves Air Quality.
6. 100% natural.
7. No bacterial resistance issues.
8. Simple to install and no maintenance.
9. Treats the air, the system and the room.
10. One product, multiple actions.

Product Size

Gelair™ ABs are available in **FOUR** different **GEL MATRIX BLOCK** weight sizes to suit different sized systems.

PRODUCT SIZE	AB0.5 (> 0.5 kg)	AB1 (> 1 kg)	AB2 (> 2 kg)	AB4 (> 4 kg)
BOX SIZE (No. / Box)	24	10	8	1

Which size AB?

Choosing the right sized Gelair™ AB for your needs should be based on **ONE** of the following.

1. DESCRIPTION OF THE AREA

Gelair™ AB Size

Description of the Area

AB0.5	Small system or single room air conditioner
AB1	Single room fan unit commonly found in a hotel room or small ship's cabin
AB2	Larger multiple room AHU (for example, house)
AB4	Large AHU for multiple room building (for example, 5 - 10 offices)

2. SIZE OF AREA SERVICED BY THE AIR CONDITIONER

Gelair™ AB Size

Size of Area m²

Size of Area ft²

AB0.5	30	300
AB1	100	1000
AB2	250	2500
AB4	500	5000

3. AIRFLOW THROUGH THE AHU

Gelair™ AB Size

Airflow m³/hr

Airflow ft³/min

AB0.5	250	425
AB1	500	850
AB2	1000	1700
AB4	2000	3500
AB4 (x2)	4000	7000

4. POWER OF THE AIR CONDITIONING SYSTEM

Gelair™ AB Size

Cooling kW

HP

BTU/hr (x1000)

AB0.5	5.25 - 8.75	0.5 - 1.0	4.5 - 9.0
AB1	8.75 - 12.25	1.0 - 1.5	9.0 - 13.5
AB2	12.25 - 52.5	1.5 - 6.0	13.5 - 54
AB4	52.5 - 70	5.0 - 8.0	45 - 72

Directions for Use

1. Open the cover of the Air Handling Unit to reveal the cooling coil and fan.
2. Remove the Air Conditioning Block from the foil package.
3. Insert the GelairTM AB into incoming air stream of Air Handling Unit between the filter and the cooling coils (see Figure 1 and Examples of Placement Photos).
4. Pour any extra liquid from foil package into Air Handling Unit drip tray.
5. Fix cover of Air Handling Unit back into position.

GelairTM Air Conditioning Block will last up to 12 weeks depending on air conditioner use.

The remaining "cob" can be placed into the Condensate Tray to help keep the drain hole free of mold and algae and prevent water overflow.

The fresh Tea Tree Oil aroma may be stronger immediately after installation or when turning your unit on after a break.

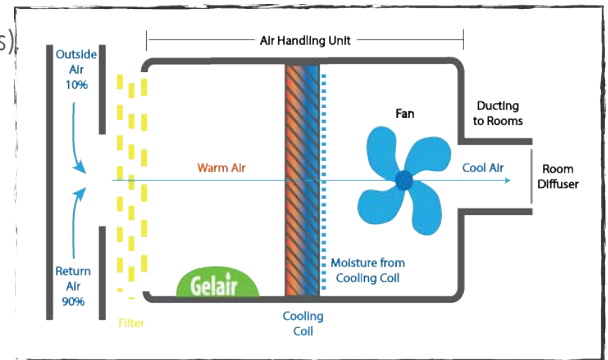
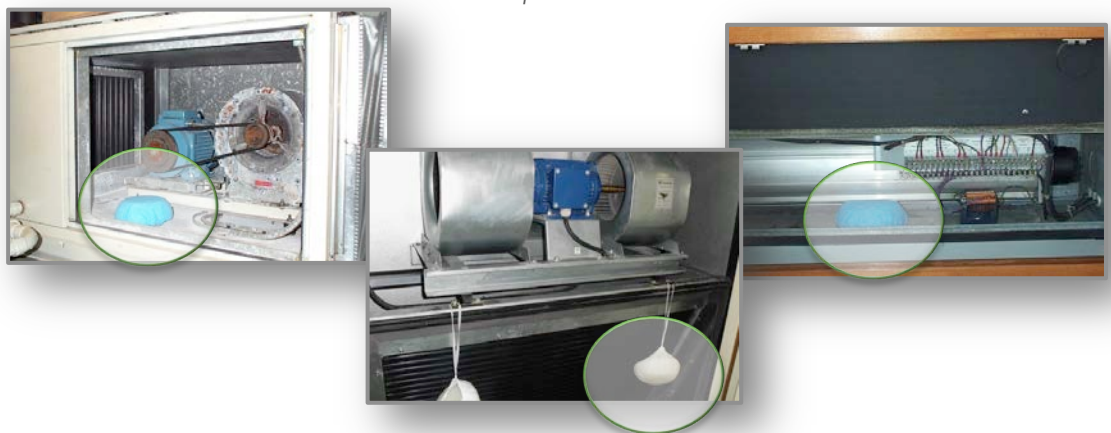


Figure 1: GelairTM AB Installation Guide

Examples of Placement



Health & Safety Information

Avoid prolonged contact of the gel matrix with skin. Do not ingest. If swallowed, DO NOT induce vomiting. Seek immediate advice from Poisons Information Centre or a doctor. For further information, consult the Safety Data Sheet.

Tips

- For built-up grime in the AHU, use GelairTM **Coil and Duct Cleaner**.
- For serious mold infestations, treat first with GelairTM **Fogging Solution**.
- For Split or Reverse Cycle Air Conditioning Systems, use GelairTM **Health-e SPLIT**.
- For small volume, small flow areas such as bathrooms, use GelairTM **Tub**.
- For cars, use GelairTM **Health-e CAR**.

Further Information

For further general information go to www.gelair.com.au
For further technical information, email info@gelair.com.au