

TECHNICAL SHEET

NEW BIOCOMPOSITE CASING

UNIQUE FEATURES

- BIOSOURCED Engineered Composite panels with reinforced Glass Fiber.
- About 85% less green gas emissions versus any metal type unit.
- 100% metal free casing and corrosion free construction.
- 100% metal free base floor construction with reinforced cross webbing.
- A 50% to 60% lighter construction.
- 100% eco-friendly foam insulation made from recycled plastic bottles, surpassing any type of insulation.
- A seamless panel concept, no matter the size of the HVAC unit.
- The panel can be made up to 12' wide x 45' length, with a thickness of either 1", 2", 3", 4" or 5".
- Monocoque construction without the framing system and after screwless assembly process.
- Fire-resistant UL94 flammability.
- A CD1 – L/1400 casing deflection, with a Class 2 casing air leakage and a CB1 thermal bridging rating.
- R-value of R7 per inch.
- Lifetime warranty against rust & corrosion.
- Hygiene concept with smooth rounded interior corners & edges.
- No dirt accumulation, thus making way for an easy cleaning.
- FDA approved anti-microbial / UV nanotechnology, improving casing durability and lifespan for inside & outside casing, including: anti-fungal, chemical resistant, water repellant, and anti-scratching.
- GreenGuard certified paint.
- Leak proof floor concept using a self-leveling solution.
- New drain pan concept and new filter rack assembly.
- New heavy-duty stainless-steel lifting lugs on the roof.
- New door concept with new handles.
- A unit can last for about 50 to 60 years, even more.

Quantity of bottles used to produce the demo units:

26 500 bottles for the ERU
18 000 bottles for the MAU

*A large unit can be made using up to 100,000 plastic bottles.



annexAir
compact series

25.500 L
RECYCLING





annexAir
SPLIT-UNIT SYSTEM

26.500
AIR-TO-AIR
SPLIT-UNIT SYSTEM



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BIOCOMPOSITE SERIES



ELECTRICAL PANEL



annev air

BUCOMPC



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BIOCOMPOSITE SERIES

