

# the **NO SWEAT** air handling unit



- Designed and built to withstand the harshest of tropical conditions
- No direct heat transfer from inside to out
- No thermal (cold) tracking is possible
- Complies with all relevant Australian standards



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EXCELLENCE IN AIR



Quality  
Endorsed  
Company

ISO 9001 LIC099  
Standards Australia

# Sandwich Panel Air Handling Units

Sandwich panel or double skinned units of modular construction are built to prevent cold tracking. They provide a clean surface inside and out, making these units attractive for use in applications where "clean air" is required.

Due to the 2 layers of metal casing, sandwich panel provides an excellent barrier against break out noise.

## Product Profile

- PANEL - EXTERNAL 0.6mm CRP grade colourbond pre-painted steel. INTERNAL expanded polystyrene is impregnated with a fire retardant and is manufactured to Australian Standard AS 1366 Part 3-1992
- COILS - Selected and manufactured to A.R.I.410 Copper tubes with self spacing aluminium fins.
- FAN - Forward curved centrifugal galvanised steel construction mounted on solid mild steel shafts running in taper sleeve ball bearings.
- Motors are T.E.F.C. aluminium framed 3 phase 4 pole 50 Hz to IP55 class F insulation class B temperature rise.
- Motor and fan assembly built with galvanised steel angle isolated from casing by spring mounts and flexible duct connector.
- Drives are first quality cast iron taper lock pulleys and matched sets of A or B section vee belts.
- Bypass, multizone and volume control dampers are 3.2mm aluminium with rubber blade seals and stainless steel side seals.
- Filter section (constructed as air handler) are available with panel, V- form and extended surface area filters.
- Capacities Air flow from 1,000 l/s to 40,000 l/s



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