

Ambient Air Monitoring Shelters

Air Monitoring Caravan

The Ecotech Air Monitoring Caravan is a mobile air conditioned shelter specifically designed for ambient air monitoring applications.

The caravan is dual axle and conforms with all safety requirements for use on Australian roads. It features full tandem leaf suspension, four screw stabilised jacks and a coupling suitable for use with a 50mm tow ball. The caravan is air conditioned to maintain the internal temperature at 27 +/- 3° C. The Air Monitoring Caravan features customised wiring, including an electrical distribution board, to power all required monitoring equipment.



Specifications

Internal Dimensions:	3.2m (L) x 1.95m (W) x 2.0m (H).
External Dimensions:	4.9m (L) x 2.3 m (W) x 2.65m (H) w/o roof tread plate.
Outside surface:	50 mm insulated panel with 1.2 mm Colourbond®
Inside surface:	0.7 mm Colourbond®
Roof material:	50 mm insulated panel with 1.2 mm Colourbond®
Chassis:	Steel box section galvanised steel Construction.
Door:	Access door is fitted with stainless steel sill and is a heavy duty door.
Tyres:	Light truck R185 x 14".
Furniture:	Features plastic laminated bench tops and drawers which are lockable.

Relocatable Monitoring Shelter



The Ecotech Relocatable Monitoring Shelter is designed to house a permanent air quality monitoring station.

Like its mobile counterpart, the shelter is air conditioned to maintain an internal temperature at 27 +/- 3° C. Although ideal as a fixed installation, this shelter can be easily transported using a crane truck. The Relocatable Monitoring Shelter's spacious interior has sufficient space to accommodate a number of technicians and/or additional specialised equipment.

Specifications

Internal Dimensions:	3.2m (L) x 1.95m (W) x 2.0m (H).
External Dimensions:	3.9m (L) x 2.3 m (W) x 2.25m (H).
Outside surface:	50 mm Insulated panel with 1.2 mm Colourbond®
Inside surface:	0.7 mm Colourbond®
Roof material:	50 mm insulated panel with 1.2 mm Colourbond®
Chassis:	Steel box section galvanised steel Construction.
Door:	Access door is fitted with stainless steel sill and is a heavy duty door.
Furniture:	Features plastic laminated bench tops and drawers which are lockable.

NB: Ecotech relocatable shelters can also be installed directly on to the back of a suitable flatbed tray truck.



ECOTECH

WORLD CLASS
environmental
MONITORING

Compact Air Monitoring Shelter

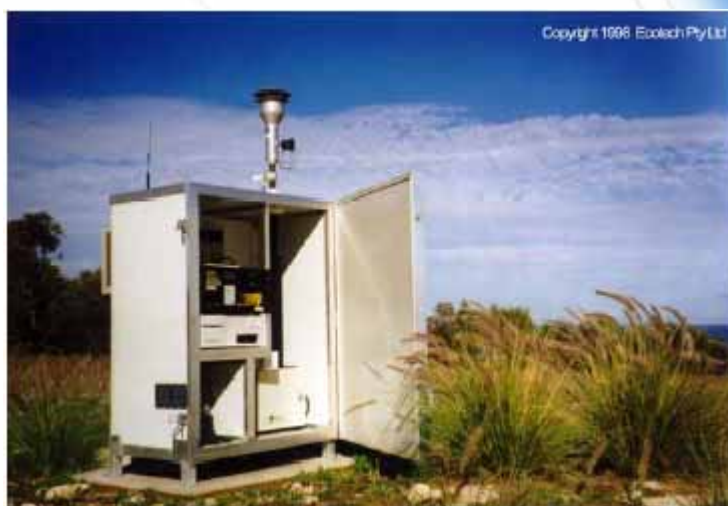
The Ecotech Compact Air Monitoring Shelter is designed for installation of smaller Ambient Air Quality Systems or when a full 'walk in' shelter is not required.

The shelter is constructed from 50mm Colourbond® insulated panel, air-conditioned and is fully sealed to protect equipment. For ease of installation the feet of the unit have mounting holes in order to bolt the enclosure straight onto a concrete pad.

The unit is lightweight (approximately 60kg net) and portable with carry handles located on either side. The full-faced door opens through 180 degrees and is secured by lockable stainless steel, latches.

Specifications

Dimensions:	1.2m (L) x 1.2m (W) x 1.5m (H).
Outside surface:	50 mm Insulated panel with 1.2 mm Colourbond®
Inside surface:	0.7 mm Colourbond®.
Roof material:	50 mm insulated panel with 1.2 mm Colourbond.
Weight (empty):	60 kg.
Space:	Sufficient for 1 x 27RU cabinet.
Air Conditioner:	Wall mount style.



Van Type Mobile Shelter



Ecotech can install an ambient air monitoring system in a wide variety of commercial vans. These systems provide optimum mobility and enable the user to respond quickly to air quality incidents.

Specifications

Min. Van dimensions:	3.0m (L) x 1.95m (W) x 2.0m (H) (internal)
Air Conditioner:	A/C unit for instrument compartment highly recommended



World Wide contact details
Ph: (+61) 1300 364 946
Fax: (+61) 1300 668 763
Email: ecotech@ecotech.com.au
Website: www.ecotech.com.au



2006 Governor of Victoria
Export Awards
Winner

BRO0002 16-APR-08