

Q4 2011

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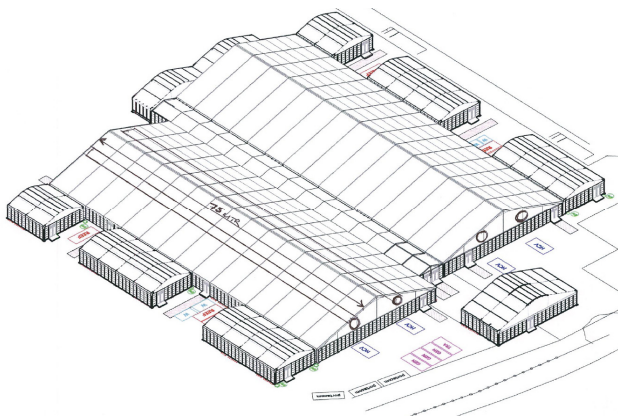
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Rugby World Cup

The Rugby World Cup was held this year in New Zealand and is now the third biggest sporting event behind the Olympic Games and the FIFA World Cup. Overseas visitors to New Zealand for the event totaled 133,000, more than the 95,000 that the organisers expected. The games ran over six weeks, starting in September, with the final in October. The tournament was won by New Zealand, who defeated France 8–7 in the final. South Africa, the defending champions, were eliminated by Australia in the quarter-finals.

DuctSox fabric was recently selected for the Rugby World Cup Marquees Project. Our client nominated the DuraTex fabric (non-porous) in black, so that its appearance was minimised. The selected diameters of 1,000mm were supplied in specific lengths to suit their requirements with each length totaling approx. 75m. The sections were all zipped sections, which allowed total flexibility on-site and ensured smooth and quick installation. Our feedback confirmed that the fabric performed exceptionally well, catering for large crowds within the marquees. The air distribution exceeded expectations and a comfortable environment was achieved.



The management & staff of ecoHVAC would like to take this opportunity to wish you all a Merry Christmas & a Happy New Year.



ecoHVAC Products

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Need an In-Ceiling ERV?

ecoHVAC now stock ERV units at very competitive pricing.

Air Volumes from 50l/s up to 300l/s are available ex-stock, subject to availability. Larger Air Volumes 2-3 Week Lead Time (depending on current production).

We also offer flexibility in design to suit on-site requirements as the larger units are manufactured locally.

Please contact our office for additional product information or to discuss your requirements.



Recent Boiler Projects

ecoHVAC began marketing our boiler range at the start of this financial year. We are well underway now and sales have exceeded expectations. We have listed below some different installations:

BAXI

AIRA

Pty Ltd

- 2 x FTA700 Fire Tube Type of 700 kW each for the Kinghorn Cancer Centre – a unique cancer facility at St Vincents Hospital Garvan Institute in Sydney.
- 2 x FTA350 Fire Tube Type of 350 kW capacity each for ‘Jacksons Landing – SILK Building’ Sydney and is the latest of many Lend Lease projects in this area using Aira boilers.
- 6 x PHT1.1500 high efficiency condensing boilers (900 kW total) are being installed at the 5 star Liliansfels Resort Hotel in the Sydney Blue Mountains area.
- 4 x PHT1.1500 condensing boilers (600 kW total) have been supplied over the last twelve months to the Sutherland Shire Pool in Sydney and are now being upgraded to incorporate a master cascade control system for maximum energy savings to their complex.
- 3 x HH series Laars outdoor boilers with high wind tops (932 kW total) are being installed at the Blue Mountains Cultural Centre.
- 2 x Aira FTA500, 500kW Forced Draught, Fire Tube type Boilers at QUT Science & Technology Precinct
- 2 x Aira Laars Mightytherm HH4050, 985kW finned Copper tubes, atmospheric boilers at QE2 Hospital
- 2 x Aira Laars Mightytherm HH500, 120kW finned Copper tubes, atmospheric boiler at South Regional Business Centre (SRBC) Yeerongpilly

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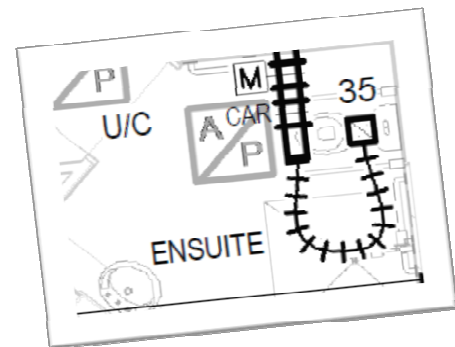
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Designing a Toilet Extract System?

The traditional method of Toilet Extract would be to use an Extract Grille with a Constant Volume Regulator and a Motorised Damper connected to a central Extract Fan.

This design would allow the system to shut down (close) when not in use, hence conserving fan energy.



Introducing the VentiZone® from ALDES...

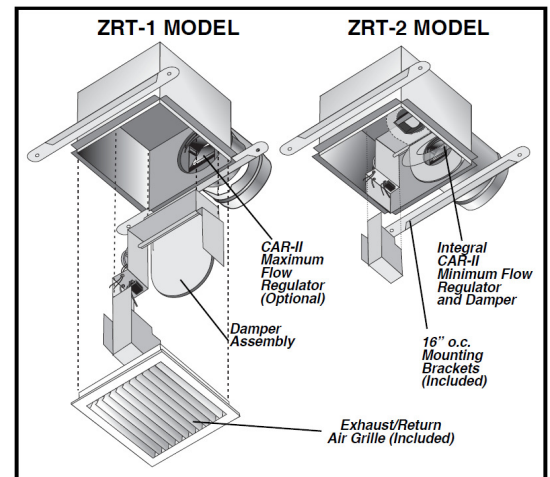


American ALDES ZRT-1
(White Aluminum Grille Included)

Used in both large and small systems, the ZRT controls the ventilation where it is required without the need for individual fans.

The ZRT is a combination grille/register box, control damper and optional flow regulators (CAR). This unique combination provides up to four different control schemes without the need for expensive pneumatic, electronic, or DDC control systems.

For On-Off Demand Exhaust Ventilation Fans. The ZRT Zone Control Exhaust Terminal is designed to introduce flexibility and dynamic control of central ventilation systems.



Out and about...



Everybody, Somebody, Anybody & Nobody

This is a little story about four people named Everybody, Somebody, Anybody, and Nobody. There was an important job to be done and Everybody was asked to do it. Anybody could have done it, but Nobody did it.

Somebody got angry about that, because it was Everybody's job. Everybody thought that Anybody could do it, but Nobody realized that Everybody wouldn't do it. Consequently, it wound up that Nobody told Anybody, so Everybody blamed Somebody.

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High Volume, Low Speed (HVLS) fans from DuctSox.



BladeTec HVLS Fans are the next generation of innovative products from DuctSox! For over 30 years, DuctSox has been committed to serving the HVAC community with innovative solutions for air dispersion needs.

- Large diameter ceiling fans - 2440 mm (8') to 7320 mm (24')
- Moves large volumes of air - 85,000 m³/hr (23,611 l/s) to 728,000 m³/h (202,222 l/s)
- Covers up to 29 m (95 ft) in all directions. 2641 m² (28,400 ft²)
- Operates at low speeds 10-152 revolutions per minute (rpm)

It's all in the Blade...Technology!

- It is the shape, not the number of blades that generate the large volume of air movement.
- Our blade design has a complex, contoured shape that varies along its length. Narrow at the tip, where blade velocity is high and widened at the hub where blade velocity is lower.
- Maximum air volume is delivered when there is a consistent amount of air movement across the entire diameter of the fan.
- This type of blade design is impossible to produce by extrusion. Extruded blades do not provide this efficient, consistent air movement and they require a greater number of blades to help compensate.
- The tips on the end of the blade reduce the noise and create more air movement at the perimeter of the fan.

Employee News



Ben Abrahams joins our Sydney Office as an External Sales Representative covering the majority of the Sydney Area and as far north as Grafton and Dubbo in the west.

Ben has previously been working within the Construction Industry and although he is fairly new to the HVAC Industry, he has undergone an intensive and extensive training regime bringing him up to speed with our full product range.

Ben recently married Anne-Marie in a wedding ceremony near Sydney Harbour. We would like to take this opportunity to congratulate Anne-Marie and Ben and to wish them both all the best for the future.

Ben can be contacted on 0413 208 565 or ben@ecohvac.com.au.



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