



AIR CONDITIONING
WHOLESALE

winter edition, 2010

airconupdate

These energy efficient, Australian made commercial air conditioners make installation easier and quicker!

A new range of energy efficient commercial air conditioners designed for Australian conditions and engineered to save installers time during commissioning has been introduced by ActronAir.

Compliant with Energy Performance Standards * and BCA Section J, these R410A units offer a number of important benefits to installers and end users.

Available in both Packaged (47-92kW) and Split Ducted units (47-92kW), this premium NEW product is designed to deliver a combination of superior performance, energy efficiency, flexibility of design and installation time savings.

ActronAir believes this technology has one of the lowest lifecycle costs of any product in its class.

Easy Commissioning

Designed with the mechanical contractor/installer in mind, these units offer noticeable time savings during the commissioning process. The indoor air flow is adjusted using a simple dial-up™ feature and results in more accurate air flow control.

The following standard inclusions are designed to make life easier by reducing the amount of work required on site:

- 3-phase load break isolation switch, in-built filter cavity (packaged units),

- Flexible hanging configurations,
- Demand Response Ready operation,
- In-built safety tray (indoor units) and
- Condensate drain points make life easier by reducing the amount of work required on site.

These new units are designed to use the ActronAir C7-4 controller with easy wiring providing a timesaving benefit. The Commercial Control Interface (CCI) is included as standard and will suit most third party controls.

Built for Australia

These units are built and designed for Australian conditions with an operating range of -10°C to 50°C. In fact, all ActronAir models are subjected to further Maximum Cooling Capacity tests at 52°C (AS 3823.1.2 Table 2 T3).

ActronAir is committed to delivering units that out perform current standards. Independent performance verification tests have been undertaken in an ISO17025 accredited US Laboratory.

Advanced Energy Efficiency

Energy consumption is becoming a great global concern and ActronAir units reduce energy consumption through their tri-capacity operation and incorporation of a high efficiency EC plug fan.

The tri-capacity compressor configuration delivers 3-steps of cooling and heating with

only 2-compressors, which allows the system to operate at either 33%, 67% or 100% capacity.

Not only does this offer improved seasonal energy efficiency through fewer adjustments; it also results in less cyclic degradation and improved customer comfort.

The EC plug fan uses significantly less energy versus traditional belt and pulley systems. The backward curve fan is non-overloading for maximum durability and results in lower life cycle costs. These plug fans also offer greater flexibility in supply and return air configurations.

Durability inside and out

Australia's harsh conditions are part of ActronAir's design considerations and features like the following extend the durability of units:

- Powder coating that exceeds Australian standards,
- The highest quality components such as compliant scroll compressors,
- High performance HyBlade™ fans and coil fin protection,
- Louvre grille to protect the coil from the elements, and
- Gemcote™ stainless steel fastenings.

Other options include night mode, fault detection board, economiser, fresh air operation, and full coil protection.

To find out more about this new innovation, contact us at Air Conditioning Wholesalers.

*MEPS 2010 and MEPS 2011, QLD Development Code MP4.1, SA Energy Performance Standards.



Low profile evap



Standard evap



High energy efficiency
EC plug fan.



Packaged unit

Now in stock – lightweight ducting that you can easily modify on site

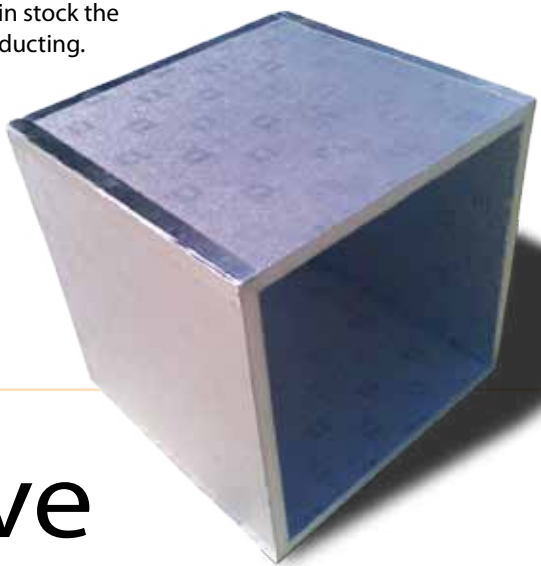
If you need to build duct on-site then this product is for you. This duct board is flexible and easy to modify or reshape.

A fire rated polyurethane insulation board, it's ideal for making lightweight ducting to suit client specific installations.

The board is 20mm thick and is available in sizes of 2m x 1.2m and 4m x 1.2m. We also have in stock the glues and tapes needed to make up ducting.

Customer response has been positive since we brought in the first container and there is every indication that it will prove a viable alternative to steel ducting in certain applications.

Call us now and find out more.
9470 4588

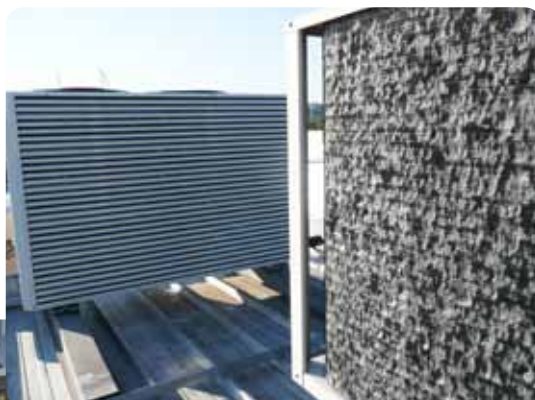


Why have a coil guard?

Did you know ActronAir units all come with Coil Guards? This is an additional sales feature that you can mention to your customers that could get you the sale.

Recent hail badly damaged these air conditioner coils in Perth and Lismore.

On the other hand, the ActronAir unit in Lismore with a coil guard escaped unscathed.



**Unscathed
ActronAir unit
next to damaged
unit without a coil
guard in Lismore.**

Perth coil damage

Wangara's had a face lift



We hope that with Wangara's new paint work it is going to be hard to miss.

The showroom has been re-organised to accommodate its expanded range of equipment and industry tools.

You'll find all the equipment, parts and tools you need for your next installation at prices that make real sense.

Pop in and see the broad range of tools and equipment now available at the Wangara Branch at U1, 6 Finlay Place, Wangara.

Just weeks away...



Our move back into the re-built 22 Milford Street, East Vic Park address is just weeks away. We are still waiting for the Vic Park Council to give their final approval, but as soon as we get the green light we will be moving in.

If you are going to come into the office please call first to confirm where we are. Our phone number and email address will remain unchanged.

We will be notifying our customers when the move is happening but just to make sure, we suggest you phone us first at 9470 4588

When it comes to the environment size does really matter

Not only domestic customers, but builders are becoming more aware of unsightly fixtures that detract from the look of a building.

This was clearly illustrated recently when Angel Air's Kevin Greensmith was called in by the builder to quote on the air conditioning component of the new eco-friendly Wembley Green office block on Herdsman Parade, Wembley.

During their discussions, Kevin pointed out that, because of its size, the product he was asked to quote on would be seen from the streetscape. The builder immediately responded that this would not be acceptable, expressing his concern that no other contractor had pointed this out to him.

As a result the choice fell on compact ActronAir air conditioners which because of their shape and size are not visible from the street and also don't require strapping against the wind.



The Wembley Green ActronAir installation

This picture clearly shows how a taller unit can stick out like a sore thumb when viewed from the street.



NEW on our shelves...

world-leading field test and service instruments from Fieldpiece

Fieldpiece Australia has made its world-leading, professional grade field test and service instruments available in WA through Air Conditioning Wholesalers.

If you're thinking about updating or replacing your trade tools, give us a call and we will give you a good price on Fieldpiece gear.

Serviced and supported locally by Fieldpiece Australia, the products are built to the highest standards in order to satisfy the needs of field technicians within the air-conditioning, refrigeration and electrical service industries.

Fieldpiece is the creator of the modular Digital Multimeter. The "stick" style Digital Multimeter (DMM), when combined with specific instrument accessory heads,

makes it easy for qualified technicians to take accurate electrical readings in the field. During an onsite visit they can further test a wide range of related parameters. Fieldpiece™ also offers many stand-alone products with feature sets tailored to the HVAC/R technician, for example, refrigerant leak detection and Superheat measurement and deep vacuum gauges to name a few.

To protect your investment Fieldpiece also offers a comprehensive range of instrument protection items as well as accessories. The new Fieldpiece Catalogue, now available online can be downloaded

from www.fieldpiece.com.au/uploads/FP%20Cat_2010_V23.pdf

Most of the products in the catalogue are new, or are significant upgrades from their highly successful predecessors. As a result of extensive laboratory research and user feedback, the products have built-in the features that are most needed by the HVAC/R technician.



ActronAir takes off at Perth launch

Our thanks to all who attended the recent launch at the Convention Centre of the new locally made ActronAir commercial air conditioning range.

Around 80 Consulting Engineers and Specialist and Commercial Contractors were present at the May launch, making it our most successful event ever.

During the evening those present were given an insight into the development and benefits of this new range which features packaged, split ducted and low profile ducted units. The feedback was very positive.

If you missed out on an invitation, call Andrew and let him know you'd like to come to any future product launches.



Compact Samsung Mini DVM proves to be the answer at Hollywood Hospital

The Samsung Mini DVM is a highly compact and reliable air conditioning unit for luxurious residential building or light commercial applications.

The additional benefit of a single outdoor unit feeding air through a single pipe to multiple indoor units saw the Mini DVM being chosen for installation in the Hollywood Hospital Specialists Suites. The Mini DVM combines a 50,000-Btuh VRF outdoor unit, featuring the Copeland digital scroll compressor, with various styles and capacities of indoor units.



Highly energy efficient, the Mini DVM is designed for simple and effortless maintenance. Errors are easy to diagnose as they are clearly displayed on the LEDs of the outdoor units.

Importantly, the Mini DVM offers the benefit of easy installation. Its slim and compact design enables it to be installed in relatively small spaces.

At the heart of the Mini DVM's

reliability is its digital scroll compressor. Because it needs just one control PCB this compressor achieves simplicity of structure and high reliability. It is also highly energy efficient and is compatible with a number of control systems.

Apprentice electricians kits



The 55 Piece Electricians Apprentice Tool Kit available through Air Conditioning Wholesalers provides the apprentice with quality hand tools from seven leading brands.

The industrial tough Cooper Tools Kit qualifies under the Tools for your Trade Apprenticeship Scheme. Call Sean for a price.