



Relocation Specials

In order to reduce the amount of stock that we will have to move to our new premises we are offering special prices on a number of products.

See Page 4

Air conditioner does the job in the harshest mine environments

Normally you wouldn't dream of locating an outdoor aircon unit under an overhead iron ore conveyor at a dusty mine.

But this is exactly where this ActronAir vertical package had to be installed on a North-west mine site. As can be seen, the unit is often enveloped in dirt and dust which at times threaten to envelop it.

Yet, a year after installation, it is still operating efficiently without any problems in this extremely harsh, dusty and hot environment.

The ActronAir vertical package air conditioner, which is being used to cool electronic components in a substation, was originally developed by Australian manufacturer, ActronAir to operate in the harsh temperatures encountered by the oil and gas industry in WA's North-west.

It is designed to operate effectively at temperatures of up to 52°C DB. Tested where it really counts – in the field – the commercial unit has been engineered for optimal reliability.

Featuring durable and high quality components, it has a dust and heat resistant electronic cabinet. The printed circuit board is made of FR4 fibreglass and critical components are carefully selected and coated with silicon enabling the electronics to operate in extreme 52 °C temperatures.

The cabinet is made of galvanised panels with a 65 micron baked polyester powder coat developed for tropical and severe external conditions. Blue Styrofoam insulation enables it to resist all forms of water or moisture penetration and a coating protects the coil from corrosion, a feature of particular importance in harsh environments with a high salt content and in hazardous chemical and industrial areas

Being installed externally, the air conditioner allows for easy servicing and maintenance.



Now - get a quick specification, diagrams and quote for that aircon job!

Now, you can get a complete picture of exactly what is involved in that air conditioning job, including precise details and prices on everything required for the installation, in just a few hours.

All you need do is call Air Conditioning Wholesalers, give us the basic information we need and we'll produce a complete report for you in a matter of hours. It may take a little longer for more complex situations.

This service helps you avoid nasty surprises

So exactly what will the report tell you? In a nutshell, it will contain an electric wiring diagram, a refrigerant piping diagram, showing pipe lengths required, the most suitable control system and precise details on all the indoor and outdoor units and equipment required for the installation, complete with prices.

Says Andrew McConnell, "Our Samsung

DVM-Pro program is without doubt the easiest, yet most practical, equipment selection program I've ever used.

"The DVM-Pro report will help contractors to be more precise in their quotations – eliminating nasty surprises. And at the installation stage it will eliminate the need to run around to various suppliers to get all the bits and pieces required for an installation. It will be particularly useful for those more difficult jobs, such as architect designed homes."

Simultaneous commercial heating/cooling in one system

Samsung's DVM Plus III/HR allows for simultaneous heating/cooling operation with one system. This makes it ideal for a broad range of commercial applications.

It is particularly suited to places where simultaneous heating/cooling operation is required due to the characteristics of the provided activities and services (Hotels, nursing homes, conference rooms, etc).

The system is also ideal for seasonal air-conditioning which may need a simultaneous heating/cooling operation.

If installed in medium or large offices, HR III simultaneously satisfies the heating/cooling requirements of interior and perimeter zones.

DVM Plus III features improved average cooling and heating COP compared to conventional products and achieves high energy efficiency. By combining four units it is possible



to achieve the world's largest capacity of 64hp.

Compact and requiring minimal installation space, the DVM PLUS III has an actual piping length of 200m, with a maximum piping length of 45m from the first branch joint to the last indoor unit, thereby providing for convenient and flexible installation.

Wangara Branch on growth path



Increased customer numbers and a considerable expansion in the range of equipment and tools has led to the reorganisation of the showroom at our Wangara Branch.

On the branch's shelves at 6 Finlay Place, Wangara you will find all the equipment, parts and tools you need for your next commercial, industrial or domestic air conditioning installation at prices that make real sense."

Pop in and see the broad range of tools and equipment now available at the branch.

The breakthrough of the Century? At last - an evaporative air conditioner that doesn't add moisture to the air

Seeley International's Climate Wizard is a new form of indirect evaporative cooling that can achieve comfort conditions equivalent to, and at times better than, conventional air-conditioning, with the electricity consumption of an evaporative cooler.

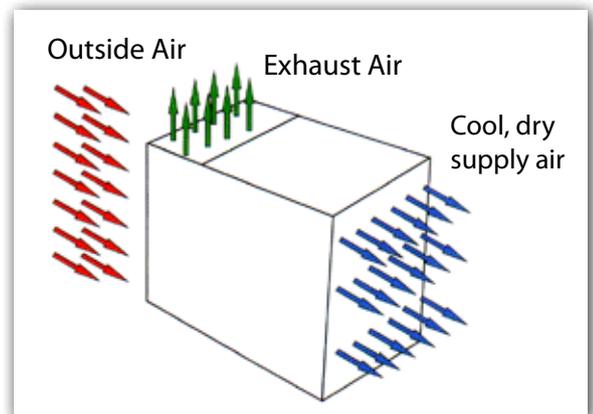
Unlike conventional direct evaporative air conditioning, which adds moisture to the air delivered, The Climate Wizard incorporates a patented heat exchanger, which ensures that no moisture is added to the air entering the conditioned space. At the same time it increases the effectiveness of all the elements necessary to improve the heat exchange process.

As a standalone cooler, the Climate Wizard is reported to consume less than a third of the electricity required by a comparable refrigerated

system. Independent testing by the University of South Australia showed that the Climate Wizard provided pre-cooled make-up air to large commercial refrigeration plants, resulting in energy savings of 35%.

A slim-line version for domestic applications has been designed for installation against the outer walls of homes and has about the same footprint as a water heater. The air is delivered through the space between the outer wall and the roof into the home and then through a conventional ducting system in the ceiling space and into the rooms of homes. The ducting and fittings are the same dimensions as for traditional refrigerated systems.

The commercial systems are designed to deliver pre-cooled air to large



refrigeration plants or to provide direct or supplementary cooling to buildings. As it cools the required fresh air component before passing it into the refrigerated unit, the Climate Wizard provides an increased benefit from indirect cooling. The pre-cooling significantly relieves the load on the compressor and, most importantly, the Climate Wizard can be retrofitted to existing equipment, or incorporated into new installations.

For more information call us at Air Conditioning Wholesalers.



Just arrived!

Digital anemometer

P/N 816 \$65 +GST



Digital anemometer in carry case

P/N 826 \$115 +GST



Infrared thermometer

P/N 852B \$140 +GST

(-18°C to 65°C)

Samsung wall splits pass the North-west test

Handling the power, temperature and dust environment in the North-west of WA has often proved too big a challenge for wall split air conditioners.

Now, however, Samsung has produced a modified wall split air conditioner designed for reliable efficient operation in the harsh conditions encountered in this part of the state.

The product follows on a research, feedback and testing process designed to produce an air conditioner which will do the job in mining camps and other residential areas in WA's north.

To date two of the units have been installed and are operating without any problems.

Call us to find out more.

Now back on our shelves – lightweight, easy to modify ducting

Due to the strong demand, we have just landed a 40ft container of foil coated polyurethane duct board and we are making it available at super competitive prices.

This board is increasingly being used in WA by contractors involved in installations where they require the flexibility to easily modify or reshape

ducting on-site

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.

In addition to providing the important installation benefits of lightness and flexibility, these boards are strong and fire rated. Call us now.



On our way

The building of our new premises on our original Milford Street site has been progressing at a good pace and we have now almost reached the lock-up stage.

We hope to make the move from Star Street in March. Please note our phone number and email address will remain unchanged.

In case you weren't dealing with us at the time, you will find us at 22 Milford Street, East Victoria Park once the move has been completed.



Giveaway price on R22 hard drawn copper

Only small quantities left!

Hard Drawn Copper Tube Suit R22

- 1/4" (6.4mm) our price \$10.65 (our competitors up to \$22.00)
- 5/8" (15.9mm) our price \$24.25 (our competitors up to \$52.00)
- 3/4" (19.1mm) our price \$28.51 (our competitors up to \$66.00)
- 7/8" (22.2mm) our price \$32.84 (our competitors up to \$82.00)
- 1" (25.4mm) our price \$37.16 (our competitors up to \$91.00)
- 1 1/8" (28.6mm) our price \$41.35 (our competitors up to \$110.00)



Annealed Copper Tube Suit R22

- 5/8" (15.9mm) our price \$75.00 (our competitors up to \$120.00)
- 3/4" (19.1mm) our price \$84.00 (our competitors up to \$150.00)
- 7/8" (22mm) our price \$115.00 (Not available elsewhere)



Axial Fans

- A100 250mm 230Ls Axial inline Fan \$112.00
- A40 100mm 38Ls Axial inline Fan \$35.00
- A80 200mm 135Ls Axial inline Fan \$91.00



120kg bracket set

SBW500 \$19.20



Order your copy of our new air conditioning equipment and tools catalogue now!



Our comprehensive new catalogue containing an extensive range of air conditioners, installation equipment and tools is now available.

In the catalogue you will find everything you need for your next installation from air conditioners, air coolers and control and zoning products to ducting, diffusion equipment, sheet metal and copper, brackets, tapes, tools and a whole lot more.

Call us now and we'll get a copy to you.

Please send a copy of your new catalogue to:

Name:.....

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