



INTRODUCING THE
**Tecumseh Semi
Hermetic Acpac
condensing unit.**

Welcome to Actrol's new style industry update - The Gauge. We will regularly bring you all the latest news and product information around HVAC-R. Enjoy.

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Tecumseh Semi Hermetic Acpac condensing unit.

A cool addition to our range.

Actrol is expanding the successful Acpac refrigeration packaged condensing unit range to include models with Tecumseh semi hermetic reciprocating compressors.

The Acpac APS range is designed in Australia to provide a robust energy efficient, fully fitted packaged range with the Tecumseh semi hermetic reciprocating compressors.

This range is designed for use with R134a, R404A and R507 and can be used in both low and medium temperature applications.

Refrigeration capacities range from 4.6kW to 34kW at -5 SST and 32 ambient using R404A refrigerant. More models will be available soon to further extend the range to more than 60kW.

Acpac packaged condensing units use large condensers to ensure reliable refrigeration when you need it most. This is the Acpac packaged advantage. Applications are diverse and include commercial food, beverage cooling and freezing in supermarkets, as well as refrigeration applications in convenience stores, pubs and clubs, restaurants, cafes, food processing and many more. Installation is quick and easy as every Acpac is fully optioned straight out of the box.

All Acpac units include condenser fan controls and epoxy coated condenser fins to ensure superb energy efficient performance in Australia's diverse weather conditions.

Acpac packaged condensing units are a perfect solution for your customers' refrigeration requirements.



Features

- Tecumseh Semi Hermetic compressor.
- Compressor fitted with protection Module.
- Large epoxy finned condenser.
- Oil Separator with shut off valve for servicing.
- Suction Accumulator on most models.
- Liquid Receiver.
- Comprehensive electrical board fully wired to all electrical components with cables numbered.
 - Compressor Contactor.
 - Electronic Contactor.
 - HP/LP control.
 - Circuit Breaker.
 - Full wiring to EBM fan motors.
 - Anti short cycle timer
- Carel Fan Speed control provides stable operation in Australia's heat.
- Liquid line fitted with;
 - Filter Drier
 - Moisture Indicator.
 - Line valve
- Suction demountable drier shell on all models.
- Galvanized powder coated enclosures.
- Easy to read wiring diagram is permanently attached to inside panel for quick service.
- Separate compressor and fan compartments for safe and easy maintenance.
- Transporter Bracket to avoid compressor damage.
- Easy access to all serviceable components.

RACE Brisbane 2016 – what a success

Thank you to all those who attended our largest Refrigeration and Air Conditioning Expo (RACE) in Brisbane on September 13th, 2016. With a record attendance greater than 300, and more than 50 different supplier and industry group displays, the event was an enormous success.

This year the expo was extremely interactive, with challenges and questions for attendees to complete around an array of displays, ensuring everyone took something away with their RACE experience. This returned an overwhelming positive response on the event, and with a \$5,000 holiday voucher up for grabs, along with plenty more great prizes, everyone was keen to get involved.

The seminars throughout the day had a timely focus on the future of refrigerants, the launch of groundbreaking press fittings for copper joining and factory fitted EEV for refrigeration. All seminars were conducted by industry experts and the record attendance shows these topics are of interest to everyone in the HVAC-R industry.

This interest spilled into the exhibition centre, and noticeably a number of display stands received an exceptional amount of attention. Following the press fitting seminar, the game-changing MaxiPro product drew a crowd, with attendees amazed at the ease of copper joining without the need for a flame.

This product is going to truly revolutionise the industry and it was positive to see so much interest from those wanting to get ahead of the game.

Similarly, the EVD-Ice product continued to draw attention. Attendees viewed the operating Carel product fitted to a Buffalo PS evaporator. This helped demonstrate the ease of commissioning and energy savings achieved.

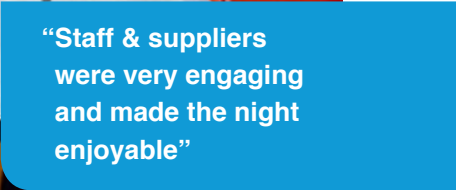
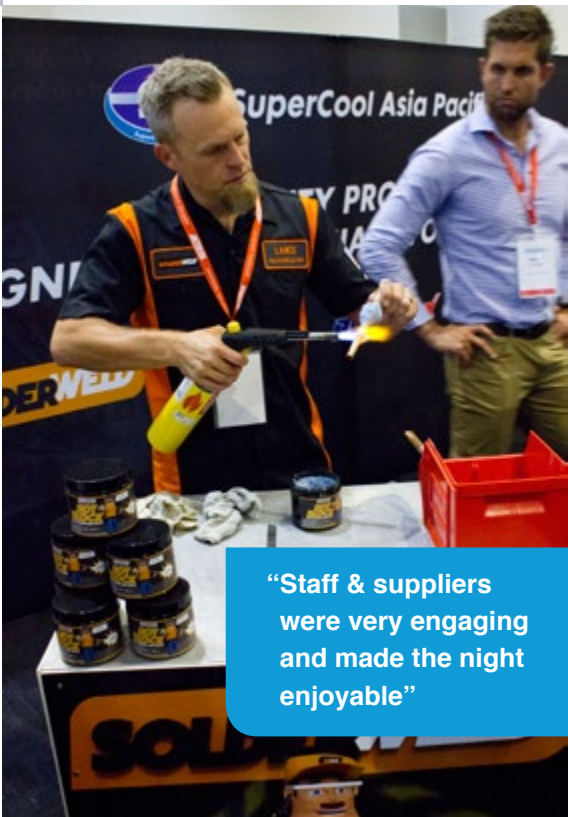
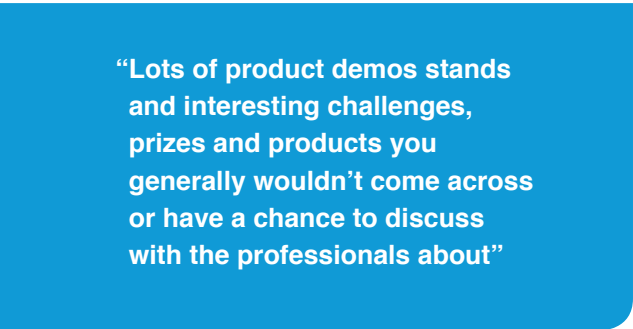
Another stand-out product drawing big crowds was the Hot Block heat absorption putty. Everybody was amazed at its ability to prevent heat transfer with ongoing live presentations.

Of course there were many other major product displays and demonstrations worthy of mention, too many to quote, as well as industry organisations AIRAH and RACCA making this show such a worthwhile event for all who attended. We were even treated to a surprise show by renown magician and illusionist Matt Hollywood who entertained a crowd at the Extol stand. There was definitely something for everybody.

At the end of the evening, attendees were entered into a draw to receive some amazing prizes. On Q Electrical won the holiday voucher with many other lucky attendees taking home prizes.

All of this success was due to the commitment and hard work by staff, suppliers and hosts alike. A huge thank you is also due to everyone that attended the event, and were genuinely interested in everything on offer - you helped make this the best RACE yet!





Home of Compressors

At Actrol, we have a comprehensive range of compressors for new and replacement applications. Hermetic, semi hermetic, scroll, screws and rotary, you name it – we've got it! And we only source world renowned companies such as Tecumseh, Emerson (Copeland), Bitzer, Danfoss (Maneurop), SCI, and others.



Need some help?

In each region we have experienced Application Engineers to assist with new and existing compressor fittings. They can help cross-reference with previous products as well as provide quotations on any job you may have lined up. Their knowledge is simply incomparable and this in conjunction with our branch staff makes Actrol simply the best when it comes to compressors.

Spare some time for the extras

Summer is here, and we know you're busy! Hopefully we can provide your jobs with a quick, long-lasting fix so you can increase your efficiency and invoices! We have the biggest range of compressors and spare parts available, so be sure to ask your local branch for more information and to show you the range in more detail.



Capacitors

Capacity Control/Unloading

Crankcase Heaters

Electrical Boxes/Covers

Electrical Modules/Kits

Head cooling

Mounts

Oil Sight Glasses

Overloads

Pistons

Relays

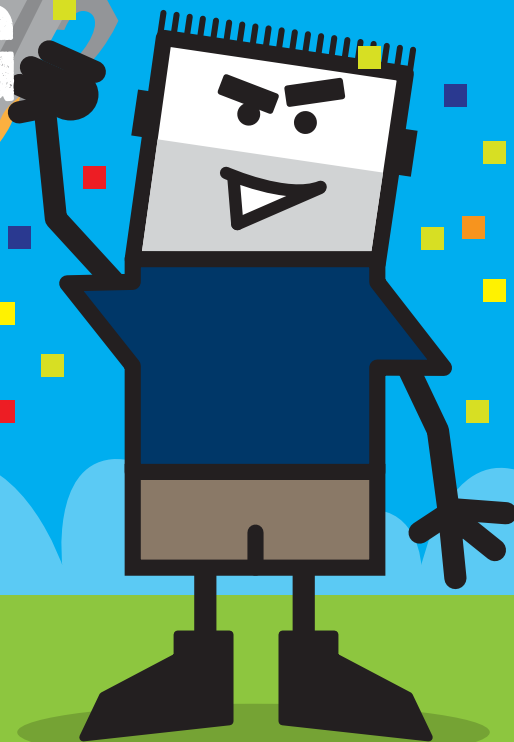
Shaft Seals/Plates

Shutoff Valves



CONGRATS! TO OUR 2016 FOOTY TIPPING WINNERS

Darryl Burr
Jordan Harper
Matthew Shelton
Michael Ward
Rodney Boucher



The Prizes

Milwaukee Power tools pack

Hisense K390PAD 55" Vision
Full HD Smart LED-LCD TV

Xbox One Console

Apple iPad mini 2
16GB Wi-Fi (Silver)

Milwaukee Foosball Table

Zero-X Raven Drone
with Controller

Samsung Galaxy S5



THIS IS ONE COOL OFFER FOR TRADIES

Offer applicable to DXU & FDU A ranges

7.1kW **\$150 CASHBACK**

10kW **\$200 CASHBACK**

12.5 & 14kW **\$300 CASHBACK**

16 & 20kW **\$400 CASHBACK**

GET UP TO
\$400
CASHBACK

on Mitsubishi Heavy Industries
Ducted Air Conditioning units
during October & November



7.1 TO 20KW UNITS

A RANGE OF
COMPACT DESIGNS

PROVEN RELIABILITY
AND EFFICIENCY

Reece Group account customers only.

Offer valid from the 1st of October to the 30th of November. Cashbacks will be sent to customers home branch.



Actrol stocks it all

Actrol now has the largest range of HVAC-R products in Australia, so no matter what size job you have coming up, you're sure to find everything you need under the one roof. Each Actrol store stocks more than 2,000 products alone. And just as important, is our world-class storage, packaging and distribution facilities. These guarantee your goods always get to you fast. Here is a snapshot of Actrol's massive logistics capacity.

Distribution Centres

We currently have stock in major distribution centres located in Melbourne, Sydney, Brisbane and Perth. These distribution centres cover a massive 125,000m² in space, or the equivalent of over seven MCGs! Can you imagine how many parts that can hold!?

Each of our Actrol stores nationwide, receive multiple deliveries a week from our DC centres, ensuring stock is readily available and at your fingertips when you need it.

ARP Industries

Actrol branches are also supplied from our very own industrial gas storage and packaging facility, ARP industries, located in Truganina in Melbourne's western suburbs.

ARP has recently undergone further extension along with facility upgrades, the bulk storage capacity to supply Actrol customers is more than 250 tonne of refrigerant, along with many thousands of refrigerant and nitrogen cylinders.

This in conjunction with Actrol's Australia wide branch network ensure refrigerants and nitrogen are never far away from where you're working.

To ensure we stay at the top of our game and continue to provide you with what you need, we continue to invest in technology to meet the requirements of the HVAC&R industries, and we promise to evolve with the industry no matter what upgrades and phase-outs are thrown our way.

If you wish to take a closer look at our ARP Industries plant, head to Actrol's YouTube channel.



Actrol distribution centres cover a massive 125,000m² in space, or the equivalent of over seven MCG's!



Remove every last drop

Capable of recycling up to 90 litres of water a day, mini condensate pumps represent a cost effective and environmentally friendly solution for residential applications. Actrol's range of high quality mini condensate pumps are the perfect choice this summer, leading the way in terms of performance, aesthetics and ease of installation.

Aspen Mini Condensate Pumps

Aspen is renowned for its reliable and quiet pumps that can be installed where space is very limited. These pumps are most commonly used on split systems where condensate water cannot be drained with gravity alone. With a range of Mini Pumps for every need, they can be installed in the ceiling or on the internal wall with their own aesthetically pleasing pipe capping which allows easy maintenance.

Pump	Features		Suitable for	Max Flow Rate: l/h	Max Disch Head: m
Mini Orange	<ul style="list-style-type: none">Submersible secondary reservoir included	<ul style="list-style-type: none">Plug & playAnti siphon device	Smaller commercial and domestic units	14	10
Maxi Orange	<ul style="list-style-type: none">High power motorSuperior performance	<ul style="list-style-type: none">Submersible secondary reservoir included	Larger commercial units	37	20
Mini Lime	<ul style="list-style-type: none">One piece pumpLeft or right installTrunking system options	<ul style="list-style-type: none">Easy access for servicing	High wall split systems for commercial use. E.g. offices, restaurants.	14	10
Maxi Lime	<ul style="list-style-type: none">Sits in trunking elbow systems	<ul style="list-style-type: none">Left or right installRange of trunking	Large commercial AC units, or high wall split systems.	37	20
Mini Blanc	<ul style="list-style-type: none">Extra quick to fitCompact & discreet	<ul style="list-style-type: none">Clear removable reservoirUltra quiet operation	Domestic use where easy maintenance is key	12	10
Mini Aqua	<ul style="list-style-type: none">Ultra slimHigh performance	<ul style="list-style-type: none">Plug & playAnti siphon device	Installing directly inside the unit	14	8
Micro-V	<ul style="list-style-type: none">Ultra slimHigh performance	<ul style="list-style-type: none">Plug & playAnti siphon device	Installing directly inside the unit	14.5	10

Blue Diamond Pumps

The Blue Diamond is a heavy duty rotary diaphragm condensate pump. The rubber construction of the rotary diaphragm copes with sludge, slime, grit and even running dry. The pump is whisper quiet and yet has high flow rates. It comes complete with a reservoir sensor and is ideal for larger and/or problematic installations.

Pump	Features		Suitable for	Max Flow Rate: l/h	Max Disch Head: m
MegaBlue	<ul style="list-style-type: none">Whisper quietNo maintenance requiredNo need for check valve and siphon	<ul style="list-style-type: none">Capable of running dry without an overheating failure	Installations where distance is required as it can pump up to 6 stories high.	50	20
MaxiBlue	<ul style="list-style-type: none">Self-primingEnergy EfficientExceptionally quiet and no vibration	<ul style="list-style-type: none">Powered by unique water sensorsCan be mounted in any orientation	High humidity environments or installations where low noise levels are key.	14	8
MiniBlue	<ul style="list-style-type: none">One piece pumpLeft or right installTrunking system options	<ul style="list-style-type: none">Easy access for servicing	High wall split systems for commercial use. E.g. offices, restaurants.	8	8

Little Giant Mini Condensate Pumps

These pumps remove condensate from wall or ceiling mounted air conditioners. The EC-400 consists of three components: control unit, detection reservoir and pump. These components can be placed inside or outside the air handler. The pump and control unit can also be placed up to one metre above the air handler. A three position float detection system assures reliable On, Off and Safety Alarm functions. The EC-400 is suitable for use with split air conditioners up to 10 kW.

Pump	Features	Suitable for	Max Flow Rate: l/h	Max Disch Head: m
EC-400	<ul style="list-style-type: none"> • Right or left side installation • 90° 'elbow' for locating pump reservoir • Twist motion snap-lock clips and cable ties to secure line set • Ceiling plate when installing without pump enclosure 	Installation of ductless mini-split air conditioners and fan-coil equipment	18	14

Refco Mini Condensate Pumps

The Refco condensate pump range with Electronic Energy Control System (EECS) reins in energy consumption by operating at the minimum possible power for the amount of detected condensate. As the world becomes increasingly energy conscious, Refco continues to make energy efficiency a priority. Advances like EECS technology result in proven, measurable benefits for installers and end users, including reduced power usage, lower energy costs, and greener condensate pump operation.

Pump	Features	Suitable for	Max Flow Rate: l/h	Max Disch Head: m
Gobi	<ul style="list-style-type: none"> • Electronic Energy Control System (EECS) with alarm circuit • Quick, simple trouble free installation • Aesthetic design blends in naturally into its surroundings • Thermal protection • Built-in non-return valves 	Installation below modern wall mounted units	12	15
Karoo	<ul style="list-style-type: none"> • Electronic Energy Control System (EECS) with alarm circuit • Submersible • Powerful and compact • Filter and non-return valves built in • No mechanical floats to stick 	Use directly inside the drain pans of units	12	6

Sauermann Mini Condensate Pumps

Sauermann are a global supplier and leader in condensate removal pumps. Sauermann has been supplying quality products into the Australian market for nearly 20 years. Innovative technology, quality components and high performance have made Sauermann the number one tradesman's choice. Their range of mini pumps comes with Sauermann the revolutionary & patented 'Si' piston pump technology, offering the installer/user the whisper quiet noise levels in combination with reliable & strong performance.

Pump	Features	Suitable for	Max Flow Rate: l/h	Max Disch Head: m
Si 30	<ul style="list-style-type: none"> • Integrated drain safe device assures trouble-free operation • Ultra quiet operation • Mounting bracket allows for versatile installation options • Locking power cord 		20	10
Si 33	<ul style="list-style-type: none"> • Suitable for 8.5 ton units • High Performing • Easy Installation 	Situations where high capacity pump performance is required in small space	30	13
Si 10	<ul style="list-style-type: none"> • Compact monobloc construction • Integrated detection unit • Anti-vibration mounting bracket • Install in tight space 	High wall split systems for commercial use. Eg offices, restaurants.	20	10

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No more driving all over town.



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Compressor Electrics

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Control Circuit Devices

Crankcase Heaters

Drain Heaters

Electrical Install Packs

Fuses

Heater Cable

Lighting

Plugs and Sockets

Relays and Timers

Soft Starters

Switch Gear

Switches and Powerpoints

Switching Components

Terminals and Joining



ACTROL IS EXPANDING

We have exciting news! Our team is growing and we are thrilled to introduce our new Port Melbourne Branch.

We would like to thank our customers for supporting the Actrol brand, allowing us to continually improve our service and facilities for your benefit.

Site	Actrol Port Melbourne
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Phone	(03) 8645 6110
Fax	(03) 8645 6129
Email	portmelbourne.vic@actrol.com.au



Recently Moved

Actrol Cairns – Lot 9, Hartley Street, Portsmith QLD 4870

Actrol Dubbo – Tenancy 1, 30 Cobbora Road, Dubbo, NSW, 2830

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 facebook.com/actrolparts

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