



Issue 03

# Introducing the coolest press fitting ever.



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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# Wey-TEK HD™ **Wireless Refrigerant Charging Scale**

# Welcome to the most advanced technology in refrigerant scales!

- Huge 115kg capacity
- · Plastic carrying case for protection
- Free downloadable app
- Two year replacement warranty
- · Auto shut-off to maximise battery life

Enhancing the proven performance of Wey-TEK, the Wey-TEK HD Wireless™ Refrigerant Charging Scale sets a new standard for versatility, durability and accuracy at a competitive price.

Providing greater jobsite flexibility you can now easily weigh and charge from the same wireless platform which communicates and displays through your smartphone or tablet. This wireless technology provides a "Job Log" feature, enabling you to track refrigerant transferred over multiple jobs, which you can then email straight from your device while still onsite.

The large, durable, non-skid platform handles a wide range of cylinders, making the scale versatile and suitable for charging or the recovery of all refrigerants. The High accuracy load cell is equipped with an innovative alarm mode, set to beep when a programmed target refrigerant charge amount is reached.

**Ask your local Actrol branch** or visit our website for more information.





# **Keeping on top of HFC** refrigerant phase-outs

As you would be aware there has been much discussion in world news about HFC refrigerants and their effect on global warming. Currently these particular man-made refrigerants are being heavily discussed under the International Montreal Protocol Framework, and the Australian Government has put their first foot forward in addressing climate change by proposing a gradual phase-down plan.

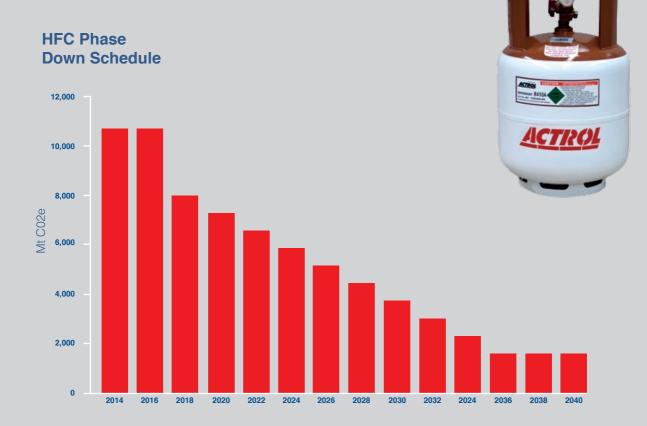
In July, the Australian government announced they will introduce a legislative phase-down of HFC imports which will begin as of January 2018. It will be a similar phase-down as freshly completed with HCFC refrigerants and will be implemented at a slow and gradual pace that the industry is more than capable of handling.

# So what does this mean for you?

The new legislation will provide importers of HFC refrigerants with a quota they cannot exceed. Every two years the quota will be reviewed and reduced, based on historical import volumes. ACTROL has more than adequate availability - so don't panic!

The gradual replacement of R134A with refrigerant R123YF in the automotive industry will help free up our quota for other HFCs, and in the near future we will have alternatives already developed for common HFCs like R404A and R410A available for you in store.

The outcome of this phase-down will ensure Australia will reduce its HFC emissions by a predicted 85% by 2036, and help establish us as worldleaders and innovators in the refrigerant and cooling industry.



# Lifting the standard in unit support



Rodigas manufacture a range of highest quality mounting brackets designed for air conditioning outdoor units, and are adjustable to suit a variety of unit sizes and applications. The heavy-duty brackets are treated with epoxy resins in polyester making them ideal for outdoor use, while the stainless steel models are capable to take on harsh coastal or marine environments.

### **Features**

- · Quick assembly and installation
- Adjustable polypropylene feet
- Supplied with inbuilt level
- Adjustable brackets to suit various size and applications
- Supplied with mounting accessories



# **ROOF BRACKETS**

Sloping Roof Adjustable A/C Bracket Kit

Product No.	Model No.	Mounting Depth: mm	Maximum Bracket Spacing: mm	Load Rating: kg
209160	MT650	500	820	140

# WALL BRACKETS

Powder Coated Adjustable A/C Bracket Kits

Fully galvanised and powder coated for superior protection

Product No.	Model No.	Mounting Depth: mm	Maximum Bracket Spacing: mm	Load Rating: kg
209162	MS230	420	800	100
209164	MS253	465	800	140
209163	MS257	550	800	140
209166	MS213	550	800	200

# STAINLESS STEEL ADJUSTABLE A/C BRACKET KITS

304 Stainless Steel, suitable for coastal or marine environments

Product No.	Model No.	Mounting Depth: mm	Maximum Bracket Spacing: mm	Load Rating: kg
209165	MS263	420	800	140
209170	MS264111	465	800	120
209171	MS266111	550	800	120

# Are bubbles best?

With summer just around the corner, things are heating up! Units are running harder, head pressure is higher and the chance of a leak is increased. Your demanding workload over the warmer months means you need to get in and get out, detecting any leaks as quickly and accurately as possible. So what option is best for you? We have compared some leak detection products in the market to help you decide if investing in leak detection will benefit you this summer.



Find out more at your local branch



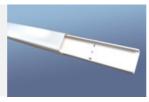
Product Type	Method	Benefits and Features	Products
Portable Electronic Leak Detection	Leaking refrigerant will be drawn into the unit by a small pump. The refrigerant will pass through a proportional halogen detector, and it will be translated into electrical signal. This signal will be amplified and read out will be provided, together with audible sound.	Sensitive to CFCs, HCFCs and HFCs, eliminating resetting or switching for different refrigerants  Fast and reliable  Compensates for changing background contamination  Easy to store	<ul> <li>Inficon TEK-mate</li> <li>Inficon D-TEK</li> <li>Kimo DFC100</li> <li>Refco Ref-Locator</li> <li>Robinair 22791A</li> </ul>
Ultrasonic Leak Detection	Ultrasonic sound is a range of sound (>20kHz) that is above the human hearing capacity. Turbulence created by air or a gas forced through a small orifice generates ultrasonic sound.	Ideal to locate leaks in systems pressurised with dry nitrogen.  Direct, fast and reliable  Light Weight  Finds air leaks in cool room panels and door gaskets	Amprobe Ultrasonic Leak Detectors
Liquid Spray on Leak Detection	Spray on bubble type leak detection fluids allow accurate pinpointing of leaks as the user can watch bubbles or foam actively brew at the point of leakage.	<ul><li> Affordable</li><li> Food Grade</li><li> Non Toxic</li><li> Non Corrosive</li><li> Biodegradable</li></ul>	Big Blu     Super Blu
UV Leak Detection	UV dye is added to the system and if a leak occurs a small amount of the UV dye which is carried with the oil is deposited at the leak site. This dye can be seen using UV lights.	Affordable     One use or reusable option     Easy to use and visually see leaks     Long-term option for leak detection	<ul> <li>Cliplight UV System</li> <li>Fluke RLD UV Flashlights</li> <li>Spectroline UV Capsules</li> <li>Spectroline UV Kits and Lights</li> </ul>

# It's easy to use smartduct

For minimum effort with maximum impact, Smartduct is the perfect way to give any job that ideal finish. Long lasting, cost efficient, fast to install and suitable for temperatures from -20C to 60C makes it a must for any job. Available in two UV resistant widths of 80mm & 110mm, Smartduct is the best and easiest duct solution.



# **Affix Base**



**Insert Fast Block to** secure pipe and drains



Snap on cover and vou're done!



# **Features**

- UV resistant
- Fast to install
- Minimum effort for maximum impact
- Cost efficient
- Long lasting
- Suitable for temperatures from -20C to 60C
- Available in 2 widths 80mm and 110mm

smart DUCT...



Corner Wall Elbow



External Corner



Flexible Joint



# Keep your cool this Summer.



With Summer fast approaching, your customers will soon start calling you about installing air conditioners before the heat wave hits. So make sure you recommend a quality system. Mitsubishi Heavy Industries are the leaders in stylish wall split systems. Mitsubishi Heavy Industries' efficient range of inverter wall splits range from compact 1.7kW units right though to powerful 9.2kW units for larger homes. So you're sure to find one that suits your customers' living space perfectly. Choose the best. Choose Mitsubishi Heavy Industries.



Introducing the coolest press fitting ever.



Conex | Bänninger

# >B< MaxiPro

# Join the Revolution

Conex Bänniger >B< MaxiPro is a robust press system, which is quick and simple to use, providing a secure and permanent joint suitable for air conditioning and refrigeration applications. Compared with traditional techniques it significantly enhances productivity by allowing work to be completed during working hours/ public access, by a single employee.

Used in conjunction with a custom press tool from Rothenberger, the new MaxiPro fittings benefit from a 3-point press, two presses both sides of the bead and one press compressing the O-ring, providing a permanent and secure join. Fast to complete and with the ability to withstand the pressures and extreme temperatures of a refrigeration system, the MaxiPro press fittings were the biggest hit at ARBS.



Union 1/4" to 1 1/8" Reducer 1/2" x 3/8" to 1 1/8" x 7/8"

Elbow 90 ID x OD 3/8" to 1 1/8"

Tee 1/4" to 1 1/8"

Bush 1/2" x 3/8" to 1 1/8" x 7/8" Elbow 90 1/4' to 1 1/8" Elbow 45 1/4" to 1 1/8" End Cap 1/4" to 1 1/8"



# No Nitrogen Purge

No brazing means no need for nitrogen purge during the fitting installation process.



# Flame Free

Intrinsically safe - no fire hazard, dangerous materials or fumes.



### Guarantee

>B< MaxiPro is covered by a 15 year product guarantee.



# **Quality Design**

Reliable, repeatable, permanent, tamperproof connections every time.



# **Lower Install Costs and Higher Productivity**

Reduced installation time, saving time and money.





