

9th July 2014

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Word Count: 598
Imagery: CPS R32 Compliant Equipment

HEATCRAFT EQUIPS YOU TO SERVICE R32 SYSTEMS

With more manufacturers releasing R32 air conditioning systems and the inevitability of larger R32 systems hitting the market in the future, it is essential to use the safest and correct tools and equipment to service the market.

With over 60 branch locations in Australia, Heatcraft stock a wide range of R32 compliant tooling equipment and copper to meet your current and future servicing needs for R32 and the upcoming low global warming potential HFO, R1234yf.

“Many service technicians may not be aware that specialist tools are needed to service R32 systems. R32 is mildly flammable and has higher operating pressures. Not using R32 compliant equipment can compromise your safety which may result in injury” says Wayne Hayes, Tools and Equipment Category Manager at Heatcraft Australia & New Zealand.

“While technicians may not have yet started working on R32 air conditioning systems, it is highly likely they will in the future. When buying new equipment, they should ensure it is R32 compliant as this will ensure safe work practice and save equipment upgrade costs in the future”, continued Wayne.

Refrigerant Recovery

A recovery unit can move large quantities of R32 refrigerant and having a compliant unit is essential for safe work practice. Heatcraft now range the newly released CPS TRS21A recovery unit.

The TRS21A is a rework of the very powerful and popular TR21E and now has a hard wired 240V power inlet, intrinsic on/off switch and sealed internal switching for added safety. The open design and absence of a plastic cover also assists in preventing the pooling of refrigerants, while the elimination of an electric fan also adds to its safety features.

Heatcraft have also introduced dedicated red and yellow R32 reclaim cylinders. A new Interlink R32 cylinder adaptor with left handed thread is also available to order.

Vacuum Pumps

Although there should be minimal refrigerant in a system ready for vacuum, it is not guaranteed and with the pending increase in the size of R32 units on the market, Heatcraft recommends you use a R32 specific vacuum pump.

Available from Heatcraft is the new CPS VPS6DA 144 l/m vacuum pump designed for R32, R1234yf and ammonia vapours. This unit comes with a spark proof on/off switch, is hard wired and includes sealed, internal switching. If you are starting to work with R32 or just need a new vacuum pump, getting one that is suitable for R32 will greatly assist in safe work.

Leak Prevention

“Minimising any leaks on an R32 system when installing or servicing should be high on your safe work practices list”, says Wayne. One way to minimise the leak risk is to ensure you use a torque wrench set to the manufacturer’s recommendations on your flare joints.

Heatcraft stock a wide range of torque wrenches including the recently released TLDTW Digital adjustable torque wrench, which is an easy to operate electronic torque wrench with fully adjustable torque settings.

Heatcraft also stock a wide range of electronic leak detectors from CPS and Fieldpiece, and manifolds including the Fieldpiece SMAN and the new CPS, MD series digital manifold that is set up and suitable for R32 and R1234yf refrigerants.

Pipe work Compatibility

When it comes to pipe work, stick to material that is R410A rated, as this is also suitable for R32. Heatcraft range bare copper tube, copper fittings and pair coil from leading brands such as Interlink, Kembla and Refac for all your requirements. The new HenryFlex thermoplastic hose is also suitable for use and available now from Heatcraft.

For further clarification on R32 compliant equipment, contact the experts at Heatcraft Australia on 13 23 50.

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CPS TRS21A RECOVERY UNIT

About Heatcraft:

Heatcraft Worldwide Refrigeration is a global leader in commercial refrigeration serving over 70 countries worldwide building its vision of being first choice in refrigeration. As part of Heatcraft Worldwide Refrigeration, Heatcraft Australia and New Zealand is a leading wholesale distribution business catering for the refrigeration and air conditioning trades with a network of over 60 wholesale outlets and distribution branches across Australia and New Zealand. The Heatcraft vision is to be the first choice in climate control solutions