

Up To Date

Federal Tax Credit

The “Big Beautiful Bill” signed by President Trump on July 4th cancels the 25(c) tax credit for high efficiency heat pumps. Homeowners must install qualifying equipment by the end of this year to claim the credit..

Cool Cash

Carrier’s Cool Cash consumer promotion is now over. All claims must be filed by 4:00 PM on August 31, 2025.

R410A Equipment

Inventory is shrinking, but there are a lot of AC, HP and mini-split systems available at amazing prices.

Additional Charge

Some Carrier condensing units now contain enough R454B refrigerant for a 30’ lineset instead of 15’. Look for a gray shipping label and a yellow sticker on the unit.



What’s New on *SiglerTV*

**R454B Split Systems
Infinity Install, Trouble and Zoning
(4 videos)**

Kevin Johnson and Cianna Berry in
the Santa Rosa store

Puron Advance Updates and Reminders

By now, most contractors have installed jobs with Puron Advance or R454B refrigerant. With obsolete inventory dwindling fast, it's all we'll be doing very soon. Here's a quick update on a few things.

Availability was a huge topic last month, but it seems like the problems have been resolved. Tanks are now available in all branches. Remember that these tanks require a reverse thread adapter (QC-A2L-LH) to connect the yellow hose.

In addition to the refrigerant, reclaim tanks are also now available. Be sure to use a tank certified for A2L use. Those can be identified by a red stripe and they also utilize a reverse thread valve.

Even though there isn't a special EPA certification class for A2L refrigerants, it's important that you know and understand the safety protocols. Please review the videos from our past training classes on SiglerTV at SiglerNorCal.com. It is considered “mildly flammable” so it's important that you always keep yourself and your customers safe.

For more detailed information, refer to the Safety Data Sheet for comprehensive information on hazards, protective measures, and emergency response. Here are few quick reminders...

Regardless of whether you're handling new or reclaimed refrigerant, secure the cylinders to prevent tipping or falling. They must be stored in a cool, dry, and well-ventilated place, protecting them from temperatures exceeding 125°.

Keep R454B away from heat, sparks, open flames, hot surfaces, and welding operations. Be sure to use non-sparking tools and ensure electrical equipment is explosion-proof or protected to the appropriate standard. Only use tools that are rated for use with A2L refrigerants and consider additional vacuum pump, gauges and recovery machines to eliminate the potential for refrigerant cross-contamination.

Lastly, the new R454B equipment is equipped with a refrigerant leak detection sensor. Be sure you know how they operate and the routine maintenance.

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Featured Products



Founded in 1982, APC is a duct detector manufacturer specializing in life safety. Nothing is more important than ensuring the safety of people in their homes, offices, and facilities. Sigler is proud to represent APC and has several products available.



SM-501-P
STS-2-5 (sampling tube)



RT-3000-P (weatherproof)
STN-25 (sampling tube)



When you need more airflow, be sure to use Shoemaker bar-type or egg crate products. At the same velocity, the airflow through a bar-type register can be more than double that through a stamped face register. It's similar on the return side as well. An egg crate grille can move more than 40% more air than a stamped face grille at the same velocity.

When it has to look great, eight designer colors are available in addition to the standard soft white or driftwood tan. Regardless of the color, it will be a textured polyester powder coat paint that resists scratching, peeling, cracking, chipping or fading.

When you need it quick, Shoemaker offers red tag service with shipment in five days from their factory in Cle Elum, Washington.

During the month of August, ask for 10% off your first order of any bar-type, egg crate, custom color or red tag order.

Technical Tips

Q: Are the service valves on a R454B unit different?

The new service valves are identical in model to previous versions; however, the factory no longer presses a swaged or bell end onto the valve. This modification supports the new 454B refrigerant and the adoption of press fittings.

Contractors still have the option to braze the valve using a standard fitting or form a traditional bell end with a swage tool. Carrier recommends using a swage tool to create a bell end when welding the service valve. This allows the refrigeration pipe to slide into the valve, resulting in a single weld that promotes smoother silver solder flow into the joint.

Here are some best practices when welding:

- Always purge with nitrogen
- Sand and deburr both the fitting and pipe.
- Wrap the service valve with a cold wet rag to prevent overheating
- Replacement service parts must not exceed a temperature of 250°

If a service valve is damaged and needs replacement, order a new valve. If the R454B valve is unavailable, a R410A valve with a pre-formed bell end may be used, however, ensure that the red R454B identification caps from the original valve are used with the replacement valve.