

Fix Your Own Air Conditioning

If your air conditioner has lost its charge or if you're looking for an alternative to the new, more expensive freon replacements, you might want to take a look at what's available from TCB Technologies, a Canadian research company.

Their Red Tek 12a Refrigerant is an approved replacement for the old R12 and R12 substitutes and an economical replacement for the new R134a. Red Tek 12a is an alkane refrigerant, as opposed to CFC and HFC types that have been blamed for ozone depletion.

Red Tek 12a is compatible with the o-rings, seals, hoses and oils in both R12 and R134a systems. Unlike R134a, Red Tek 12a is non-toxic and non-corrosive.

And, since it has larger molecules than the gases it replaces, it is easier to pump through the system. "Because of this, the air conditioner compressor will run cooler. And it's less likely to leak from the air conditioning system as well," says Gary Grenzke, a TCB researcher.

"Because the molecules are larger, you also need less product to charge the system," adds Mel Brown, a Johnstown, Colorado, distributor who markets Red Tek 12a in the



Available in 6-oz. cans, Red Tek Refrigerant is an alternative to the new, more expensive freon replacements.

U.S. "Six ounces of Red Tek 12a has the same cooling capacity as 18 oz. of R12 or 16 oz. of R134a."

Red Tek 12a is available in 6 oz. cans, which are the same size cans other refrigerants are sold in, and also a 12 lb. cylinder, which is the equivalent of 36 lbs. of R134a. Cans sell for \$7.95. Cylinders are \$197.40.

As with any refrigerant, you should follow all local and federal regulations in handling Red Tek. Brown has a tap and hose adapter kit for installing Red Tek 12a, as well as the appropriate adapter fittings.

ProSeal

Another new product from Mel Brown is ProSeal advanced seal treatment for air conditioner systems.

ProSeal is a formulated system designed to seal leaks in both metal and rubber parts of air conditioning and refrigeration systems, improving their efficiency. It's chemically activated by moisture at the leak site to form a permanent seal. Sells for \$18.50 per can.



LeakStop

O-ring and seal failure cause 80% of refrigerant loss. LeakStop is a new product that makes seals pliable again, stopping most system leaks. One 4-oz. can treats any car, truck, tractor or combine. Sells for \$8 per can.



Contact: FARM SHOW Followup, Mel Brown, Box 580, Johnstown, Colo. 80534 (ph 970 587-2249).

Reader Inquiry No. 156

One-Stop Shop For Overalls

Mike Hearron recognized an opportunity when he had a difficult time finding traditional overalls in stores. With experience in the clothing business, he started MHOVERALLS.COM, an online catalog store three years ago.

The Forresteron, Texas, hobby farmer and entrepreneur stocks several brands of overalls including Key, Big Smith, Liberty, Pointer Brand, and Berne for men, women and children. He also handles welders' shirts, winter wear and other clothing items.

"I live in the country, and I could just tell there was a need for overalls," Hearron says. He wears them himself because they're comfortable.

His goal is to keep prices reasonable and offer as much variety as he can. Overall wearers are just like tractor owners who prefer one brand to another, he explains. Key, a 100-year-old company, is one of his most popular brands. But the majority of his customers are not who one would expect.

"A lot of people get my catalog just for the kids' overalls," Hearron says. A majority of buyers live in New York and California.

"But I talk to customers from everywhere," he adds.

Children's overall prices range from \$19.95 to \$24.95. Adult overalls start at



Hearron sells a variety of overalls to fit men, women and children.

\$19.95. Hearron also carries fire retardant coveralls.

Besides the online store, Hearron will mail a free catalog. Contact: FARM SHOW Followup, MHOVERALLS, P.O. Box 21, Scurry, Texas 75158 (ph 866 218-0179; www.mhoveralls.com).

Reader Inquiry No. 157



State-Of-The-Art Stun Gun

A stun gun for livestock that has been used in Germany for years is now available in the U.S. and Canada. The Blitz captive bolt stun gun is the most powerful on-farm stunner available, according to Bertrand Dumont, owner of Cotran Corporation, which sells veterinarian supplies. Last fall his company became the North American distributor.

The stun gun uses 9mm centerfire blank cartridges that come in different loads to humanely euthanize everything from small pigs to cattle. When fired the cartridge's high velocity pushes a rod into the animal's cranium for a quick and humane death.

Blitz kits are affordable for livestock owners, veterinarians, packing plants and truckers who handle livestock.

Contact: FARM SHOW Followup, Cotran, 574 Park Ave, Portsmouth, Rhode Island 02871 (ph 800 345-4449; www.cotrancorp.com).