

## Up To Date

### TARP

*It's not too late to enroll in the Totaline Advantage Rewards Program (TARP) program. In addition to great pricing on everyday Totaline aftermarket parts purchases, you'll also receive big rewards from Amazon.com.*

### Refrigerant Pricing

*Check out this great refrigerant pricing:*

- R-410A = \$79
- Nu-22B = \$209
- R-407C = \$129

*Discounts are available for 20+ jug orders.*

### Co-Op Deadline

*Remember, co-op claims must be submitted within 90 days of the invoice date. Now is the time to submit all of your spring advertising claims.*

### July 4

*All Sigler Wholesale Distributor locations will be closed on July 4. Happy Independence Day!*



## What's New on *SiglerTV*

**Côr Connect Portal  
Carrier Controls (2 videos)  
Ductless and VRF (3 videos)**  
*(the password is swd)*

Carrier's furnace assembly line in Indianapolis, Indiana

## FER Compliant Blower Motors

Last month in this newsletter, you read an article explaining the upcoming furnace and small packaged unit transition due to new Fan Energy Rating regulations. This month, we explore what the change means for homeowners and the three different motors now available in Carrier furnaces.

Homeowners interested in environmental issues will be pleased to know that the Department of Energy estimates that the new FER standards may reduce harmful carbon pollution by up to 34 million metric tons through the year 2030 – equivalent to the annual electricity use of 4.7 million homes. During that same time frame, homeowners might also save more than \$9 billion in home electricity bills. The DOE estimates that FER will save consumers up to \$506 over the life of the furnace.

How is this possible? The new FER standards will require a 46% reduction in electrical consumption compared to a typical PSC motor. Carrier will now produce equipment with three different types of ECM motors:

### Infinity Series – VCA ECM Motor

- Variable-Speed Constant Airflow ECM
- Provides constant airflow as external static pressures change
- Features Carrier's Ideal Humidity System proprietary technology when used with a communicating system

### Performance Series – VCT ECM Motor

- Variable-Speed Constant Torque ECM
- CFM settings selected by the installer using dip switches
- Control board controls the variable speed motor at various torques
- One-way communication (control board communicates to motor)

### Comfort Series – FCT ECM Motor

- Fixed-Speed Constant Torque ECM
- Five speeds, selected by installer by connecting motor wires to control board speed taps
- Non-communicating control

Regardless of which furnace you offer to your homeowners, they'll benefit from increased comfort and lower utility bills.

# Sigler

Wholesale Distributors

THE PRODUCTS YOU NEED  
THE VALUE YOU DESERVE

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## Featured Products



Sigler Wholesale Distributors is proud to be partnered with QuietCool, the inventor of the ducted whole house fan. Their fans are all made in Southern California and are remarkably effective, practical, and...yes...quiet!

In our market, a whole house fan makes sense. Think about your own daily habits. When you come home from work and it's hot inside yet the outside temperature has cooled down, do you open the windows? While the cross-breeze is nice, what if you could move that air through your home more effectively? The "active" breeze that is created is why QuietCool is so effective. The entire mass of the home is cooled because the whole house fan is removing hot air and replacing it with cooler air at a high rate of speed and volume.

During the month of June, save 10% on all QuietCool models. Or, save 50% when you try it in your own home! Sorry, this offer does not apply to special or new construction pricing.



Did you know that Nest makes more products than their popular learning thermostat? In the month of June, Sigler Wholesale Distributors will give you 10% any other Nest product with every regularly priced thermostat that you buy!



For a complete list of products, check out the Supply and Installation Accessory Reference Guide or Sigler Club price list. Sorry, this offer does not apply to special or new construction pricing.

## Technical Tips

### Q: Where do I start with a communication fault on a ductless system?

First, you will want to make sure you are actually troubleshooting a communication fault. For example a code E1 and E6 are both com faults on different units! After the code has been confirmed, check the simple stuff first. If the indoor and outdoor units are not compatible, they will not communicate. Confirm that the incoming AC voltage is within the nameplate range. Visually check for burn marks and perform a quick smell test on electrical components.

Next, check for interlocks and wiring issues if you're using a condensate pump. Follow the instructions for the correct way to shutdown equipment in

case of a drain problem. Also, check that the field wire is stranded and the correct size per the install manual. Splices should not be used on the wiring between the indoor and outdoor unit. Consider using a "service wire set" to test if communication is established once the suspected existing field wiring has been bypassed temporarily.

Remember, voltage checks for communication are unit specific and should be referenced in the service manual. The service manual does not ship with the equipment, but can be downloaded for the specific indoor or outdoor unit on HVACPartners.com.