

CARB Amends Reefer Rules

The California Air Resources Board (CARB) recently made several amendments to its Airborne Toxic Control Measure (ATCM). One of the more time-sensitive measures was to provide a special compliance option for refrigeration units that were otherwise due to be upgraded for emissions reduction by the end of 2010.



Applying only to units with model year 2003 engines, the amendment permits installation of a "low emission" option rather than an "ultra-low option." Low emission solutions for transport refrigeration units, also called LETRU solutions, reduce particulate emissions by 50 percent, compared to 85 percent for ultra-low (ULETRU) solutions. Previously, the only options CARB allowed for model-year 2003 units were ultra-low. However with this new amendment, CARB permits an LETRU solution to be applied for seven years, after which a ULETRU solution must still be installed for use there.

For fleets that operate in California, that may mean the difference between retrofitting a Tier 4 interim engine or a less expensive Tier 2 engine.

Other CARB-verified approaches include diesel particulate filters that comply with the low-emission standard. However, no ultra-low filters for transport refrigeration trailer units have been fully verified by CARB to date. [More information.](#)

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Good Loading Practices Help Assure Food Safety in Transit

Eggs may have been the food safety headline of 2010, but in actuality, the FDA issued more than 330 food safety-related recalls, warnings and advisories last year on items from nearly every aisle of the supermarket.

"Whenever there is a large food recall in the news it can serve as a reminder of the importance of maintaining the integrity of the cold chain," says Bill Maddox, applications manager for Carrier Transicold. Proper loading of cargo is one of the easiest ways to help assure the refrigeration system will do its job properly over the road. [Maddox shows you how.](#)



Vector Units Make Strong Impression at IFDA Show

In keeping with the show theme of "The Next Big Thing," Carrier Transicold showcased its latest line of Vector™ units at the recent conference of the International Foodservice Distributors Association (IFDA) held in Tampa.

Carrier showcased both the Vector 6600MT and the Vector 5100 units. Utility Trailer and Kidron also featured Vector units as part of their trailer displays (images below).

"Many customers who had not seen a Vector unit before stopped by to discuss its features and benefits," reports Dave Kiefer, director of Marketing and Product Management. "Overwhelmingly, the words they used to describe how it works were 'game changer.'"



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