



TECHNICAL BULLETIN

April 1, 2010

For many years, Viking has utilized 130°F/54°C, OMEGALABEL[®] Series 21 temperature monitoring labels, model 21-130, applied to the outside of cartons used to ship 135°F/57°C concealed cover assemblies. The heat-sensitive dot on the label turns red or black when the carton has been exposed to ambient temperatures within +/- 2% of 130°F/54°C. Additional details about the product can be found at <http://www.Omega.com>.

In the unlikely event that a carton of 135°F/57°C concealed cover assemblies is found to include assemblies that have separated during shipment, the indicating labels are helpful to determine if the separation was due to mechanical separation or exposure of covers to high temperature. This determination can also be made by returning questionable covers to the Product Services Department through the warranty/claim return process.

The base part number for the 135°F/57°C cover assemblies that utilize these monitoring labels are:

- 10786 – Flat-plate for VK 425 Residential
 - 11225 – Flat-plate for VK 404, 405, 406, 454, 625, 627
 - 11451 – Flat-plate for VK 408 HSW
 - 11697 – Large Diameter Flat-plate for VK 404, 405, 406, 454
 - 12207 – Domed for VK 436, 438, 458, 466, 468 Residential
 - 12381 – Domed for VK 102, 190, 192, 194, 196, 202, 302, 352, 353, 614, 616, 618
 - 13501 – Domed for VK 630, 631
 - 13504 – Flat-plate for VK 461, 462, 463, 464, 465, 632, 634
 - 13642 – Large Diameter Flat-plate for VK 461, 462, 463, 464, 465, 632, 634
 - 13750 – Flat-plate for VK 456, 457, 474 Residential
 - 14934 – Large Diameter Flat-plate for VK 456, 457, 474 Residential
 - 15394 – Square-plate for VK 456, 457, 461, 462, 464, 465, 632, 634, 474
 - 15765 – Large Diameter Flat-plate for VK 469
- And, any specially-painted or plated variations of these covers

Experiments were conducted on this product to insure the temperature monitoring labels operated as advertised. At 130°F/54°C, the dots turned red or black*, within two minutes. At 120°F/49°C, the dots did not darken, but stayed at the same light pink or very light gray*, as when the box leaves the factory. If the label is red or black*, it is possible the covers inside the box have been exposed to heat that could cause separation at the solder joint, and these covers should not be used without testing the integrity of the solder.

Please familiarize yourself with the contents of the label Viking attaches to the boxes of the 135°F/57°C covers seen on the following page.

*Depending on which label is used, the temperature indicator dot may turn red or black.

TEMPERATURE INDICATOR LABEL



**DO NOT ACCEPT SHIPMENT
IF ABOVE INDICATOR DOT IS RED!**



ACCEPTABLE



UNACCEPTABLE

RED DOT INDICATES TEMPERATURE OF BOX HAS EXCEEDED ACCEPTABLE LEVEL AND DAMAGE TO PRODUCT MAY HAVE OCCURRED. BY ACCEPTING SHIPMENT OF THIS PRODUCT, YOU AGREE THAT THE TEMPERATURE INDICATOR DOT IS WHITE AND NOT RED. KEEP PRODUCT TEMPERATURE BELOW 110 F / 43 C WHILE STORING AND TRANSPORTING.

DO NOT INSTALL PRODUCT IF INDICATOR DOT IS RED!

TEMPERATURE INDICATOR LABEL



**DO NOT ACCEPT SHIPMENT
IF ABOVE INDICATOR DOT IS BLACK!**



ACCEPTABLE



UNACCEPTABLE

BLACK DOT INDICATES TEMPERATURE OF BOX HAS EXCEEDED ACCEPTABLE LEVEL AND DAMAGE TO PRODUCT MAY HAVE OCCURRED. BY ACCEPTING SHIPMENT OF THIS PRODUCT, YOU AGREE THAT THE TEMPERATURE INDICATOR DOT IS GRAY AND NOT BLACK. KEEP PRODUCT TEMPERATURE BELOW 110 F / 43 C WHILE STORING AND TRANSPORTING.

DO NOT INSTALL PRODUCT IF INDICATOR DOT IS BLACK!