

Engineering Bulletin 1-2014

Date: January 2014

Subject: New Look for Betts Normal Vents

Betts Normal Vents underwent a design change in January 2014. This change involves three major differences that include packaging, vent body design, and rating plate markings.

Packaging: Historically, the vents have been boxed in cardboard packaging. Cardboard can absorb and retain moisture as well produces fibers and dust that can accumulate on the sealing surface of the disk. The new method of packaging is a two piece recyclable plastic canister made from polyethylene and can be recycled with standard #2 plastic (the same plastic used in milk jugs).



The new packaging also includes a descriptive label that will aid in part identification.

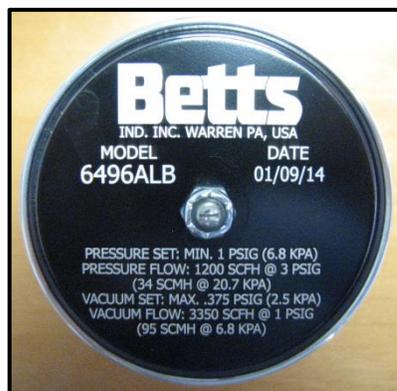


Vent Body Design: Historically, the body of the vent was made from an aluminum die casting. The new design is machined complete from a wrought 6061 aluminum alloy to offer superior quality and performance. The 6061 alloy has a very good corrosion rating compared to the die cast alloy and is also free of all porosity, which adds reliability for leak tests and increases structural integrity. The flow rates are the same as the previous style vents and have not been affected by the modified body.

- Continued on Page 2 -

Engineering Bulletin 1-2014 (continued)

Rating Plate: Historically, the rating plate was stamped with small and difficult-to-read text. The new marking provides a legible rating plate with the addition of set pressure information and metric equivalents.



The new vent body does not have wrench flats for gripping during installation, but a standard screwdriver can be inserted through the cross-drilled hole in the vent for tightening. This method of installation will not damage the vent but care should be used not to excessively tighten the vent. A similar method can be used to un-install the vent.

The new vent style will be available before the second quarter of 2014. The part numbers will remain the same as the previous version of the normal vent and the form, fit and function will also remain unchanged.

If there are any questions contact Betts Sales or Design Engineering Department.