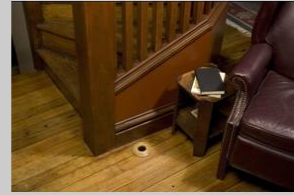


UNICO, Inc.



New 2.5" Balancing Orifice

Starting on December 15th Unico will be changing the current 2.5" balancing orifice (UPC-235) to a new design. The new design will be a one piece orifice that will replace the 3 separate orifices that we currently use. This means that the new design will replace the old design in the install kits and accessories items. There will be a part number change from UPC-235-15 to UPC-235-5. The reason is that the old design had three different orifices to accommodate three different airflow reductions (one 50% reduction, one 30% reduction, and one 15% reduction). Because of that we supplied 5 each of the three different sizes for a total of 15 pieces in the box. The new design is one orifice that accomplishes all three reduction percentages with one part. Because of that we only need 5 pieces in the box, hence the UPC-235-5 and not UPC-235-15.

Engineering will be publishing a new bulletin before the 15th but we wanted to inform you of the change and show you what the new part looks like and how it works. In the attached, you can see the old orifices on the right. The top right orifice is the 50% airflow reduction, the middle right orifice is the 30% reduction orifice and the bottom right orifice is the 15% reduction orifice. Before you would choose with orifice you needed and discard the others.

The new orifice is the one on the left. The top left image shows the orifice with three different colored sections (the actual orifice is not color coated) and the bottom left image shows the orifice as it will be shipped (the only difference is that I shifted the first ring so you can visually see how they separate). I colored the top orifice to help explain how it works but they will not be colored for field use.

The principle behind the new orifice is that as you remove each ring you change the airflow percentage of the ring. For example, the orifice as it ships will provide a 50% airflow reduction. That means it will look like the image on the top left and have the blue, red and black rings intact. If you want a 30% airflow reduction you will remove Ring # 1 (the black ring in the image) and you will be left with just the Ring # 3 (blue ring in the image) and Ring # 2 (red ring in the image). If you want 15% airflow reduction you will remove Ring # 1 (black ring in the image), Ring # 2 (red ring in the image) and have just Ring # 3 (blue ring in the image) remaining.

The bottom left image shows the first ring slightly ajar to show you that the rings are easily removed to provide the needed airflow reduction.

Please be sure to share this with all your contractors and distributors so that they are aware of the new design.

Again, the new parts will not be colored coated. I did this for demonstration purposes only.

Any questions please let us know.

Regards,

Randy Niederer

Unico, Inc. • 7401 Alabama Avenue St. Louis, MO 63111 • Phone: (800) 527-0896 • Website:
www.unicosystem.com

