

# Product Revision Change Notice

Date: 7/30/2018  
Product Description: Synrad v30 High Performance CO<sub>2</sub> Laser  
Product P/N: FSv30SAG  
Description of Change: Air Cooled Height Change  
PCN#: 006-2018  
ECO#: 4655

As part of our commitment to quality, Synrad made several changes to the design of the v30 air cooled laser in 2012 that changed the laser revision from SAE to SAG:

- Replaced the solid heatsinks along both sides of the laser with a split heatsink design. This change provides better cooling to the tube without clamping down too tightly on the tube/bore.
- Began anodizing the tube electrodes and improved the design of the bore holes to cut down on bore breakage resulting in optic damage.

This effort has been extremely successful, but resulted in a small change to the overall laser height that was not recognized at the time. While the SAE laser was specified at 5.76" in height, the SAG laser is 5.74" in height.

The updated Outline and Mounting drawing may be found online on the v30 product page on the Synrad website at:

<https://www.synrad.com/sites/default/files/2018-06/Outline%20and%20Mounting%20v30%20Air.pdf>