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FOR IMMEDIATE RELEASE

**ENERGY SMART® WRAPPER UPDATES**  
**New Components will be implemented in Series B Units Shipped starting January, 2017**

**November 1, 2016 – Cleveland, OH** – For the past four years Heat Seal has developed and improved their Energy Smart® Wrapper. Back in February of 2014, Heat Seal introduced their Energy Smart Wrapper with photo eye actuation and GFCI protection.

Based upon supermarket store feedback, Heat Seal designed minor improvements for the photo-eye unit. The new unit updates will improve the long term reliability and lower overall machine maintenance.

It is our plan to discontinue the existing “Series A” units and replace them with the new, improved “Series B” units. This update will affect Energy Smart® models 700ES, 725ES, 200ES and SM20ES being shipped starting January 1, 2017.

We will continue to sell any required replacement parts for all Series A units.

Please share this information with all individuals who will be either using or servicing these newly improved wrappers.

The following describes the details to each improvement:

- Fuses modified to Circuit Breakers
  - Previously, Series A Energy Smart® wrappers required 1 Amp and 25 Amp fuses. The 1 Amp fuse protected to the Film Cut-off Rod, and the 25 Amp fuse protected to the Seal Plate. In Series B models the two fuses will be switched with 1 Amp and 20 Amp Circuit breakers. Supermarket stores will not have to any longer store extra fuses should one burn out due to a store electrical power surge. The new breakers will simply require a button push for reset and restoring power to the wrappers.
- On/Off Power Toggle Switch modified to Rocker Style
  - The current Toggle Power Switch will be replaced with a longer lasting, low profile rocker style power switch.
- Mechanical Timer Control Board improved to a Programmable Chip Timer Control Board
  - The seal plate heat cycle timer board will be replaced with one that now has a programmed heat control algorithm which will significantly reduce the variation in controlling the heat cycle. The improved programmable chip timer board removes the need for the 3 to 4 second timer switch by heating consistently to 350°F every time reducing wear and increasing impact and shock resistance with the solid state, circuit board design.
- Adjustable Photo Eye replaced to a Fixed Field Photo Eye



- Series A Energy Smart® Photo Eye wrappers use a photo eye that has an adjustable field of view. While listening to supermarket stores' feedback Heat Seal identified the opportunity to replace this unit with one that more readily detects ALL objects, no matter what color, shape, or size. Also, based upon the in-store wrapping applications, no adjustment is required.
- 2 Color LED Photo Eye Indication Light
  - In order to more logically communicate to store associates the way the on-demand heat cycle operates, the Series B units incorporate a 2 color LED photo eye indication light. The new LED light is positioned beside the photo eye and assists the user in understanding the seal plate heat cycle. On the first sealing cycle when a package crosses the photo eye field, the LED light illuminates an amber color to indicate that the seal plate is heating up, then will change to red once the seal plate is at sealing temperature. When the seal plate is cool, this first heat cycle will take 3 seconds or less. Each consecutive package will likewise cause the LED light to illuminate amber then red, however the entire cycle will take less than 1 second due to the residual heat held in the seal plate. The 2 color LED system is meant to increase user understanding of the Energy Smart® heat cycle technology, and will be available immediately on every Series B Energy Smart® wrappers excluding the SM20ES Energy Smart® Scalemate.

All of the above design changes will make Energy Smart® wrappers virtually maintenance free, increase operating reliability and improve user understanding of the on-demand seal plate technology. These new components will be seen in all Series B Energy Smart® wrappers shipping on or after January 1, 2017.

**About Heat Seal:** Heat Seal, LLC manufactures a full line of packaging and process equipment for the food service and industrial packaging markets. Founded in 1950, Heat Seal is known for their food processing and packaging equipment, such as stretch film overwrappers, Scalemates, pineapple peeler and corers, cheese cutters, and heavy duty stainless steel tables. Heat Seal also specializes in shrink packaging equipment, and wrappers and bundlers for the consumer products and industrial markets. After purchasing Ampak in 1994, Heat Seal expanded their reach into skin packaging and vertical bagging. All products are manufactured within the USA. Heat Seal's commitment to quality and innovation has allowed the company to continue to be the leader within the markets they serve. Heat Seal, LLC is located in Cleveland, Ohio. For more information, please visit [www.HeatSealCo.com](http://www.HeatSealCo.com).