

TEMPSTAR®

Heating and Cooling Products

No High-Pressure Switch? No Problem

Changes to UL 1995 HVAC requirements and improved, built-in compressor protections have allowed us to remove the high-pressure switch from R-Series and N-Series heat pumps. The updated heat pump models are being produced now and will be phased in as inventory of current models are sold.

What is UL 1995, and what changed?

UL 1995 is the standard of safety for heating and cooling equipment and is adhered to by HVAC manufacturers in the United States and Canada. The revised requirements no longer specify the need for a high-pressure switch in R-410A heat pump applications. This is due in part to internal protections now built into heat pump compressors. However, removal of the high-pressure switch is not a requirement.

If removing the switch isn't required, why not leave it in?

While removal of the high-pressure switch is not required, we are removing them from our R-Series and N-Series models for a number of reasons:

- The high-pressure switch was removed from air conditioner units years ago with no impact to compressor quality or warranty claims
- New compressors include built-in high-pressure protection, making the external high-pressure switch redundant
- Removing the switch will allow for improved quality in manufacturing due to reduced brazing, less wiring and fewer electrical connections
- Eliminating the redundant, brazed-on electromechanical switch removes the source of a potential service call to troubleshoot a failed or malfunctioning component

For dealers uncomfortable with the high-pressure switch removal, or for applications that warrant the extra protection, a new field-installed high-pressure switch accessory is now available.

When will the new units be available?

We started removing the high-pressure switch from new production units in January of 2020. As soon as we sell through current inventory, new units without the high-pressure switch will be phased in.

What does this mean for dealers and distributors?

For dealers and distributors, the biggest difference will be a new model number. New product numbers will now have a "P" in the 9th digit to designate the pressure switch removal.

For example:

- **Old** model number: N4H418CKG101
- **New** model number: N4H418CKP101

Pricing for the new units will remain unchanged from current model pricing.



Air-Conditioning, Heating, & Refrigeration Institute (AHRI) Listings

AHRI listings with the old model numbers have been moved to "Production Stopped" status. These ratings are still valid and will remain in the AHRI Directory for two years.

The new P models will have new AHRI reference numbers, but the performance ratings will remain the same as the previous models. Visit icpeqp.com to download the complete list of new models and AHRI reference numbers.

What does this mean for homeowners?

The new heat pump models should not affect homeowners in any way. Your customers will enjoy the same efficiency and sound ratings, the same heating and cooling comfort, and the same Tempstar reliability they have come to expect.

Looking Ahead

We are planning for another exceptional year with an outstanding network of Tempstar dealers, contractors and distributors. For more information about the new R-Series and N-Series heat pump models, contact your distributor residential sales manager or Tempstar regional sales manager.