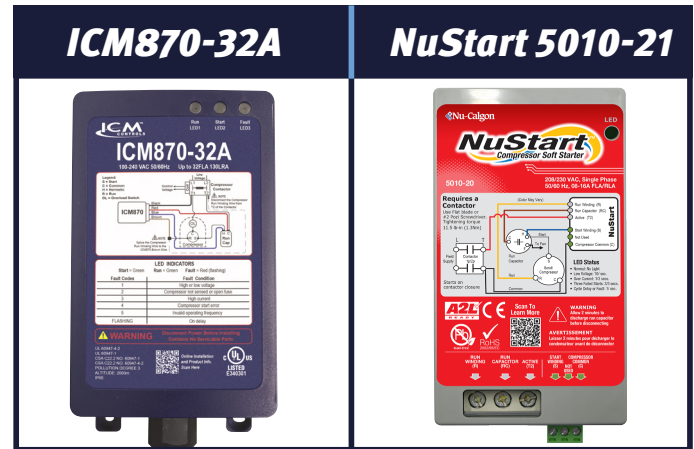


Why the ICM870 is the BETTER choice in soft-starts

- Design and Assembled in the USA:** Built and designed in a vertically integrated state of the art facility in Upstate NY which allows us to create our own molded plastic parts, populate our own circuit boards to reduce cost and be inline with the U.S. markets electrical standards and requirements.
- Automatic Self Learning Algorithm:** Automatically adjust to maximize the inrush reduction while providing reliable starts. No need to cycle multiple times during set up.
- Heavy Duty Robust Internal Capacitor:** The ICM870 series is designed with a 330 VAC rated start capacitor which ensures greater reliability and longevity under high stress conditions.
- Robust Solid-State Start Circuit:** Offers superior reliability compared to relay-based systems found in other models, eliminating common failure points like welded relay contacts.
- New Progressive Start Delay:** Further eliminates capacitor stress and provides protection for the compressor by preventing short cycles while providing delay free starting when you have 4 minutes of fault free runtime.
- Rugged Enclosure:** IP65 dust tight sealed enclosure protects against water spray and condensation from any direction and a sealed over molded fitting with wire harness ensures a proper and reliable seal on the wires.
- Highly engineered:** Fused circuit board layout and design with heavy duty traces and thermally protected start circuit.
- Tested & Proven Reliability:** Extensive internal testing and beta site field testing performed along with a full UL listed rating.



Features	ICM870-32A	NuStart 5010-21
Nominal Voltage Rating	100-240 VAC	208-230 VAC
Capacitor Rating	330 VAC	250 VAC
Rated Frequency, Hz	50/60 Hz	50/60 Hz
RLA	16.1-32A	16-32A
Reduced in-rush current	Up to 70%	60-70% of LRA
Reduce loud noises, flickering and breaker trips	Yes	Yes
Prolong the life of A/C by reducing excessive torque, wear and tear	Yes	Yes
Over/under voltage protection	Yes	Yes
Solid State Circuitry	Yes	No
LED fault indicators	Yes	Yes
Enclosure	IP65	IP20
Ultrasonic sealed tamper-proof enclosure	Yes	No
Built-in self-learning algorithm	Yes	Yes
Agency Listing	UL	ETL
Installation hardware included	Yes	Yes
Made in USA	Yes	No
Limited Warranty	One Year from Install	One Year from Install