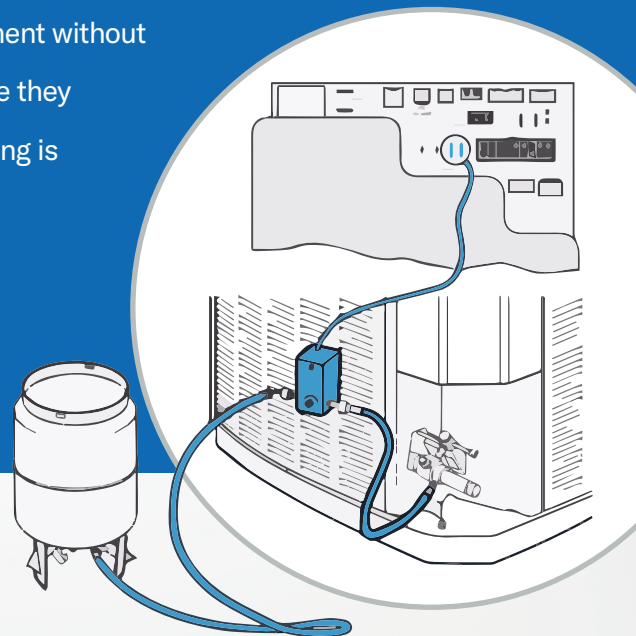


SmartCharge™

AUTOMATIC VARIABLE SPEED SYSTEM CHARGING

SmartCharge is an all-new, automatic charging feature built into every variable speed system with American Standard® Link. Coupled with a charging solenoid (BAYCAKT002 sold separately), the American Standard Technician app works with the charging solenoid and built-in system sensors to automatically charge the equipment without constant technician engagement. Technicians can take the time they used to spend charging a system to do other work. Once charging is complete, the American Standard Technician app will alert the technician, and they can view the results. This innovative new solution is built around four key principles:



1. USER-FRIENDLY INTERFACE.

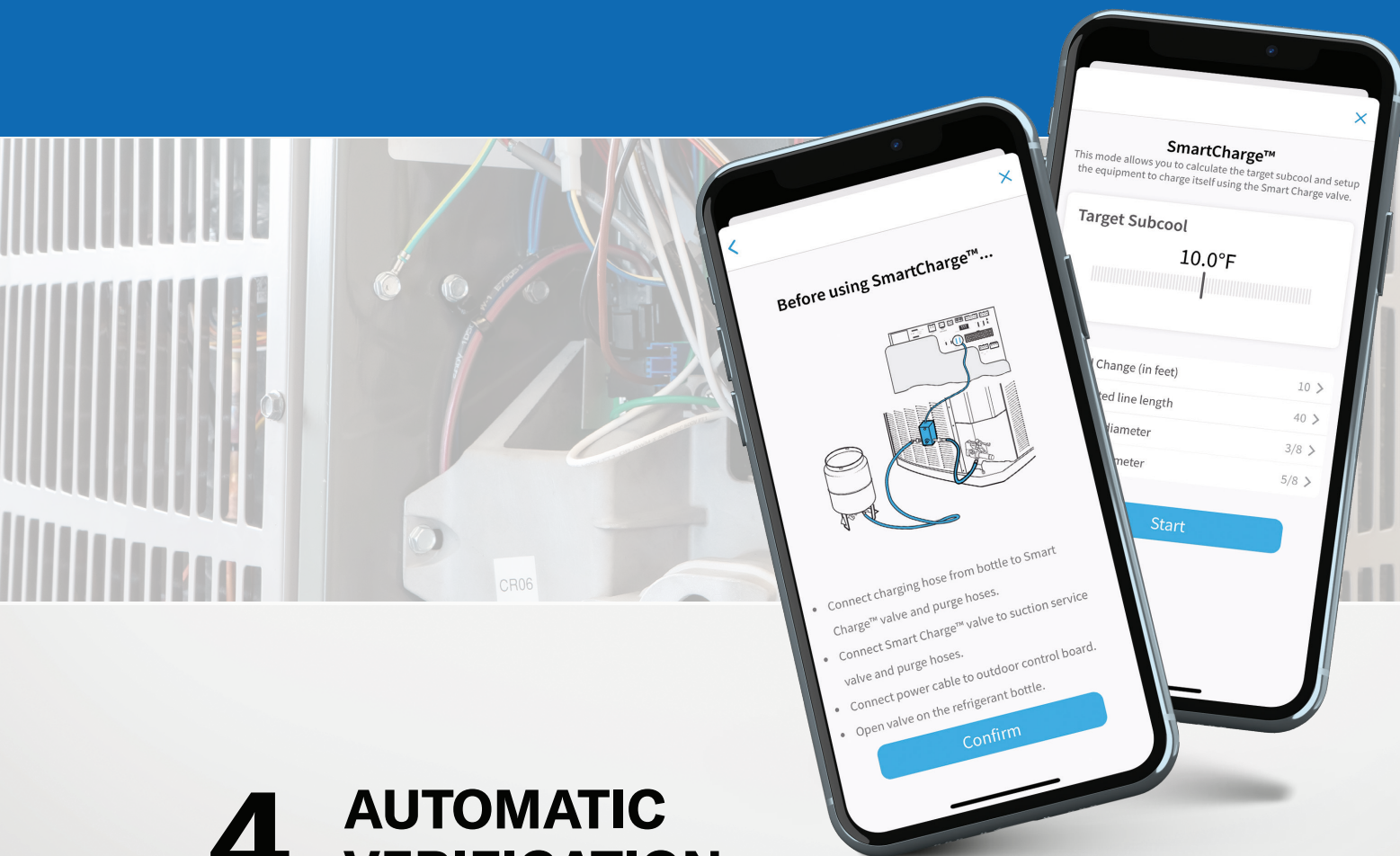
Initiated on the American Standard Technician app, SmartCharge guides technicians through a step-by-step charging wizard, including how to connect the charging solenoid, refrigerant hoses and electrical connections before initiating the charging process.

2. FAST, ACCURATE CHARGING.

Charging with SmartCharge is quick, accurate and more convenient than manually charging a system. When technicians connect the charging solenoid to the vapor line service valve, the SmartCharge solenoid valve will pulse open on timed intervals to meter refrigerant into the system— more at first and then less as the target subcooling is approached. This new method minimizes errors and enables the technician to complete other aspects of the installation while the system is actively charging.

3. FULL TRANSPARENCY.

While SmartCharge is running, the American Standard Technician app gives technicians full visibility to all system data and charging progress in real time. The system has safeguards in place to ensure the process will not start unless key criteria have been met (for example, the outdoor ambient needs to be between 55°F and 120°F).



4. AUTOMATIC VERIFICATION.

When charging is complete, technicians no longer need to perform their own independent verification of the subcooling using their normal equipment (gauges and probes) to ensure the system is properly charged. SmartCharge automatically provides verified measurements to the technician when the process is complete.