

## ActronAir SS9R8 Soft Starter Replacement Instructions

### APPLICATION:

Single Phase units with SS9R8 Soft Starter

### SAFETY:

SS9R8 replacement requires modifications to the OD units electrical panel. - Only qualified technicians should service this air conditioning equipment. Improper service or alteration by unqualified technicians could result in significant and major damage to the property or product, which may render your warranty null and void. Such unqualified service can also lead to severe physical injury or death. Follow all safety instructions and precautions in the literature provided with the unit and all warning labels that are attached to the equipment.

1. PLEASE make sure to isolate the incoming power supply BEFORE commencing service procedure. Supply can be Isolated at the Main Isolator located near the Air Conditioner (if fitted) or at the Main Supply Circuit Breaker in the Distribution Board supplying the Air Conditioner.
2. Observe proper TAG and LOCK-OUT procedures for electrical appliances in order to prevent accidental switching-ON of the power supply.
3. Before starting any wiring work check that all power to the Unit is dead by use of Multimeter, Test Lamps or other appropriate Test Equipment.
4. Extreme care and caution must be observed should there be a need to work on live circuit
5. Prevailing WH&S regulations must be observed and will take precedence to the safety instructions contained on this manual.
6. All electrical wiring must be in accordance with current electrical authority regulations and all wiring connections to be as per electrical diagram provided.

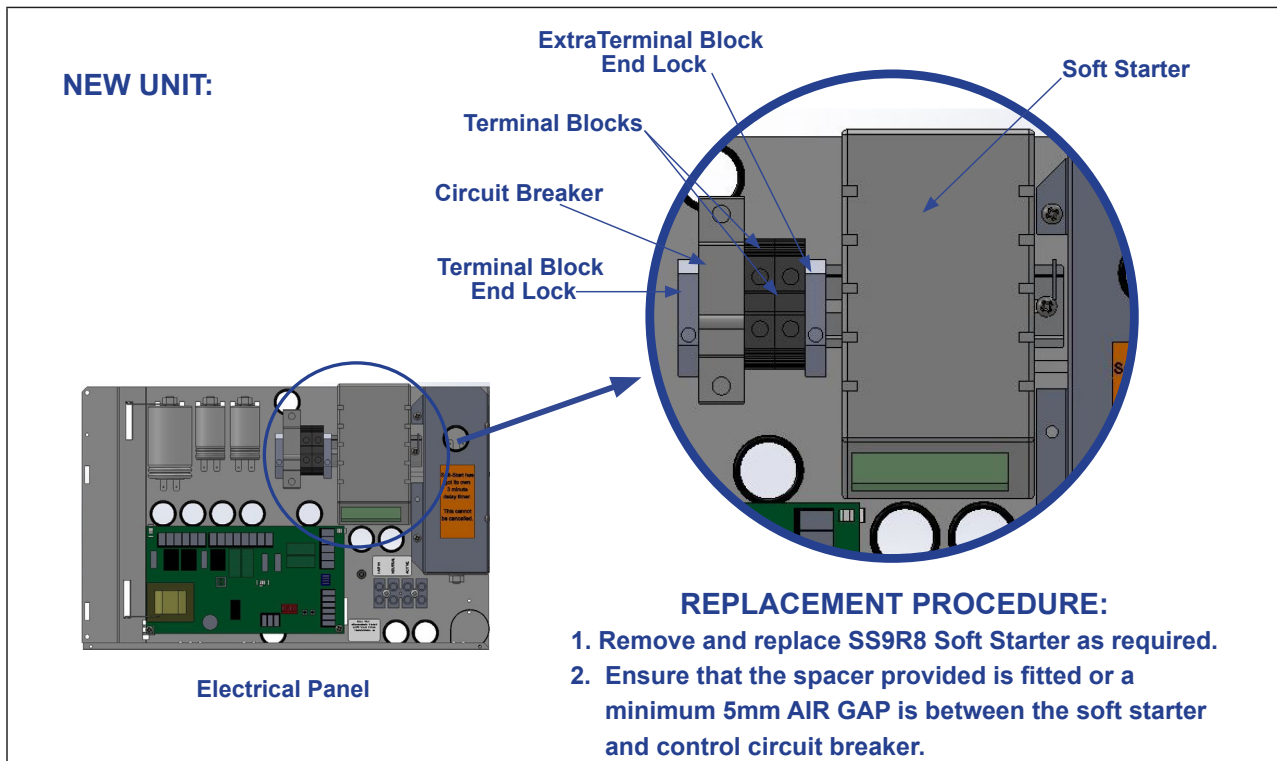
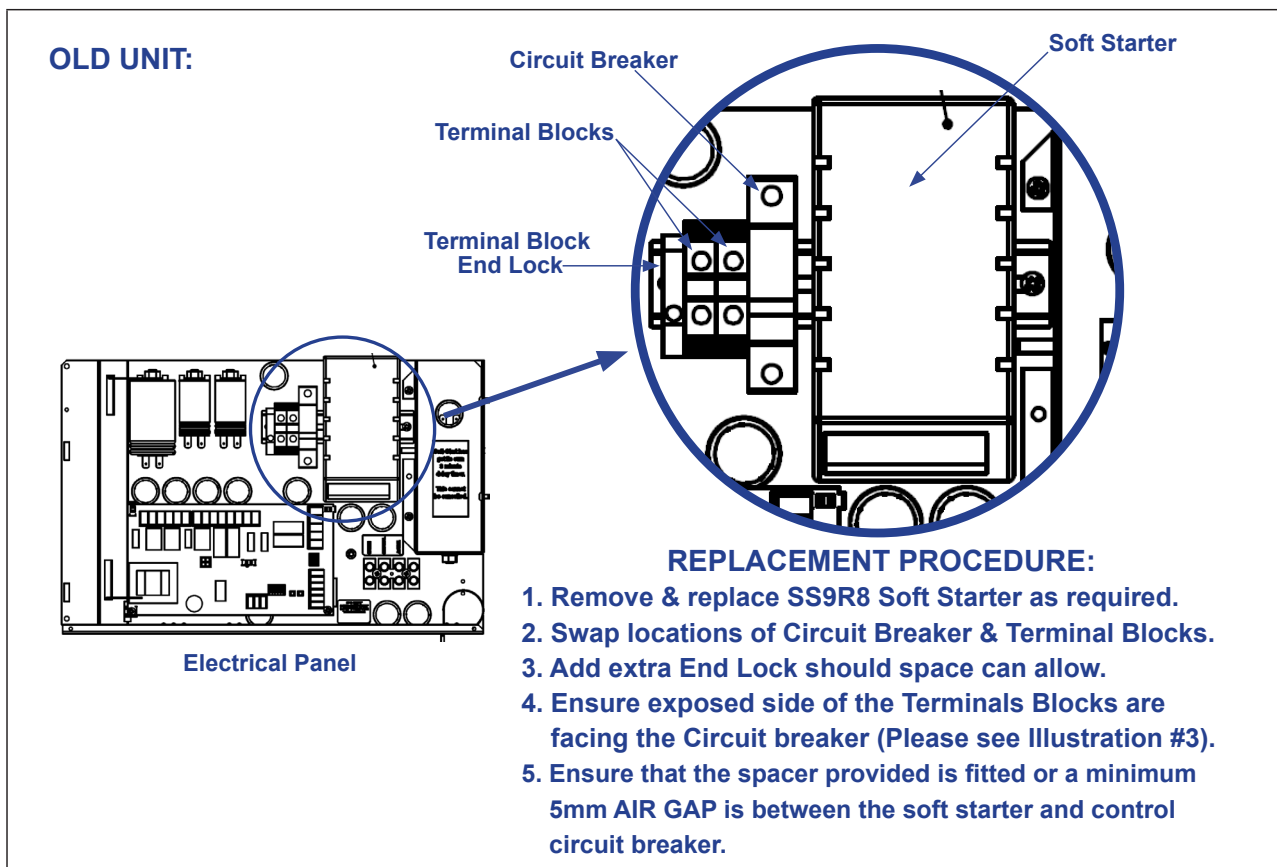
### PROCEDURE:

#### **NEW UNITS:**

- With the new units, the circuit breaker is located away from the SS9R8 soft starter and has Terminal Blocks separating the two components. On some models, a Terminal Block End Lock is also added next to the soft starter. Replacement of the SS9R8 is simply a matter of R/R procedure (Please see Illustration # 1).

#### **OLD UNITS:**

- On these units the circuit breaker is located directly next to SS9R8 soft starter, which in most cases, are in close contact with each other. Replacement of the SS9R8 would require R/R procedure and swapping the locations of the circuit breaker and terminal blocks (Please see Illustration # 2 for further details). A Terminal Block End Lock may also be added in between the terminal blocks and the soft starter should space be available. When replacing back the terminal blocks, make sure that the exposed side are facing towards the circuit breaker, away from the soft starter (Please see Illustration # 3).

**Illustration # 1 - Example of NEW Single Phase Units with SS9R8 Soft Starter**

**Illustration # 2 - Example of OLD Single Phase Units with SS9R8 Soft Starter**


**Illustration # 3****Correct orientation of Terminal Blocks:**