

EasyStart™ Breeze

Quick Installation Guide

Please visit our website for complete manuals, guides, and information on setup, operation, and troubleshooting



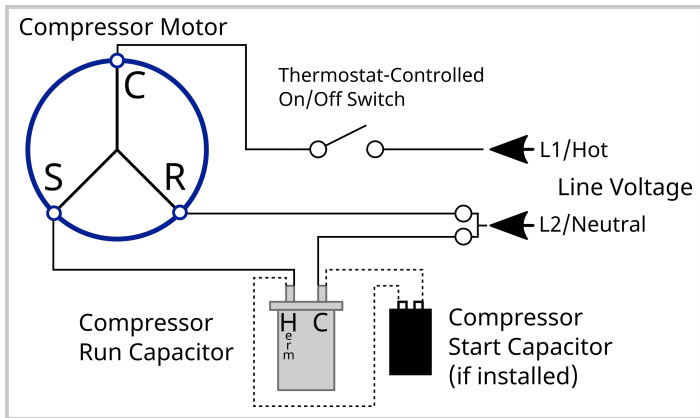
www.micro-air.com/kb_easystart.htm



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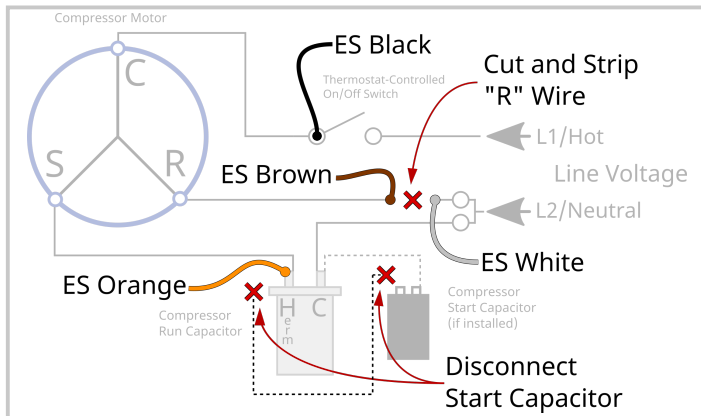
1. Identify System Wires



Generic A/C Schematic without EasyStart

You can install EasyStart into any system when you identify the compressor "C", "S", and "R" wires in your system's electric box.

2. EasyStart Wiring



Generic A/C Schematic with EasyStart Installed

The below **electrical** criteria are true for installation into any system. Continue to the next section for a typical installation.

- EasyStart (ES) orange is connected to compressor motor "S"
- ES Black is connected to compressor motor "C"
- Compressor motor "R" is disconnected from line voltage
- Compressor motor "R" is connected only to ES brown
- ES white is connected to the old compressor "R" line voltage
- Any start-assist devices are disconnected

3. Typical Installation

Disconnect power from your A/C unit using the A/C breaker. Locate the three compressor motor wires (C, S, and R) coming from the compressor and follow them into the electric box. Use the wiring diagram for your unit to help.

EasyStart Orange



Follow the "S" wire to where it lands in the electric box. Connect EasyStart orange alongside it. This is typically a terminal group of a silver run capacitor, labelled "H" or "Herm".

Disconnect Any Other Start-Assist Devices

Inspect where the "S" wire landed for any other connected wires and follow them. If they go to a start capacitor, start relay, or PTCR then remove this wire at both ends.

EasyStart Black

Follow the compressor "C" wire to where it lands or passes through the electric box. Cut the "C" wire at a convenient location and strip both ends about 3/8" (10mm). Twist the strands of each wire end to itself. Combine these two stripped ends and EasyStart black using the provided three-way lever connector. Lift the empty terminal levers, slide each wire in fully, and close them.



Compressor "R" Wire

Follow the "R" wire to where it lands in the electric box. Pull the wire from its terminal and cut off the connector.

NOTE: It is easy to mistake other wires for the compressor "R" wire. Take extra precaution when identifying this wire.

EasyStart Brown

Connect the EasyStart brown wire to the Compressor "R" wire you just cut. Strip the wire and twist its strands together. Open the empty lever, slide in the stripped wire fully, and close the lever.

Strip Length Indication
1/2" or 3/8" (13mm or 11mm)



EasyStart White

Connect the EasyStart white wire to the terminal that you removed compressor "R" from.



Install Complete - EasyStart Learning Starts

Restore power to the A/C and let the A/C cycle naturally on mains power. EasyStart will learn the characteristics of your compressor on the first few cycles. Please allow at least 5 cycles to complete before operating on a limited power source.

4. Further Resources

Our EasyStart Knowledge Bank has further resources to learn more about EasyStart. Below are some highlights:

- Expanded Installation Resources
- Bluetooth Operation Manual
- Generator Sizing with EasyStart
- EasyStart Indicator Lights (Flashing)
- What is Learning? What is Re-Learning? (Factory Reset)
- EasyStart Troubleshooting



If you have questions or issues after reading our resources then please submit your information on our Contact Us page. Detail the questions or issue you have, what resources you have used, and steps you have tried. Include pictures that further describe what you need help with.

https://www.micro-air.com/contact_microair.htm