

# Improve Your Starts With EasyStart™



## Specifications

**Voltage:** 100 to 250 VAC

**Phase:** Single

**Frequency:** 50 or 60 Hz

ASY-364-(all models)

Max current: 25 RLA

ASY-368-X72

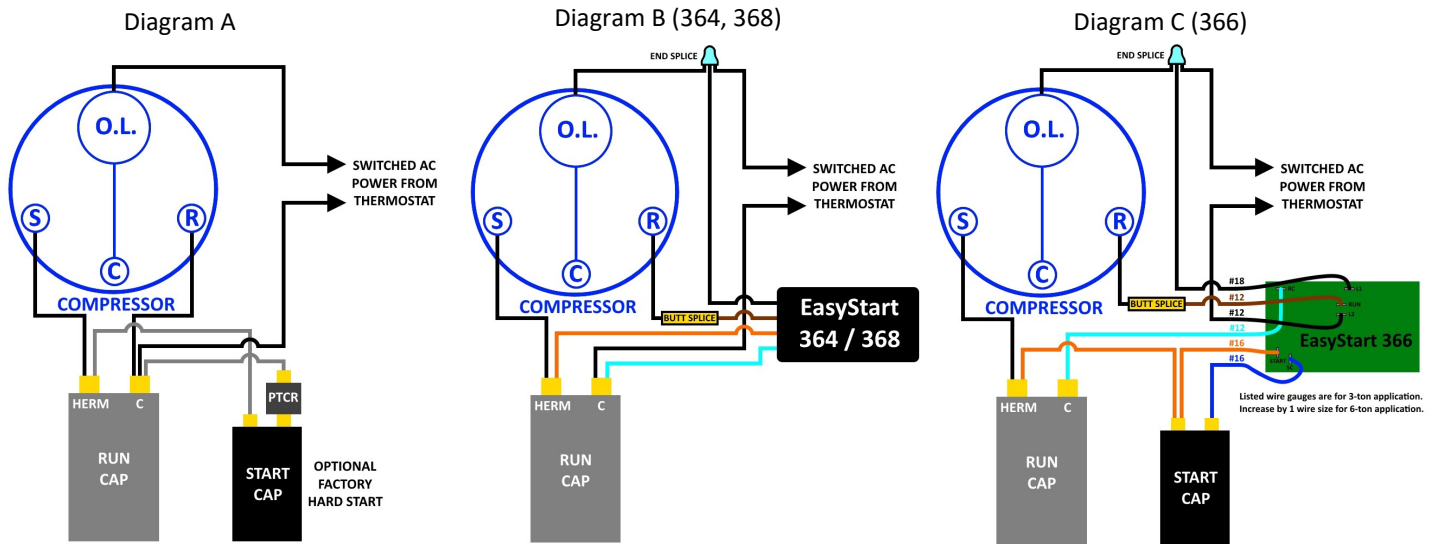
Max current: 35 RLA

ASY-366-

X05 max current: 25 RLA

X06 max current: 35 RLA

EasyStart is a low cost solution to expensive generator replacements and costly service upgrades. EasyStart reduces peak starting current by up to 75% and controls power throughout the start. Compressors start smoother, and the power source work load is lighter with EasyStart.



**IMPORTANT: This equipment contains potential dangerous or lethal AC voltages. Appropriate safety precautions and measures must be used when servicing and installing equipment.**

### Installation Summary (Detailed instructions available at [Micro-Air.net](http://Micro-Air.net). See bottom of page):

Diagram A above shows a typical compressor installation. Diagram B (364 and 368) and Diagram C (366) above shows the standard connections that are made following a completed EasyStart installation. Follow the steps below to install EasyStart.

1. Identify and remove any existing compressor start components labeled optional factory hard start in diagram A. [See Note 1]  
Note 1: Some compressors do not have factory hard start devices.
2. Most compressors and wiring diagrams are labeled with compressor "R", "C", and "S" terminals as shown in diagram A. Identify the wire connecting to the run capacitor from the "R" terminal of the compressor. Remove the wire from the run capacitor (or contactor on larger compressors) and splice the Brown wire from EasyStart to it.
3. Connect the white wire (shown as light blue above) from EasyStart to the open run capacitor terminal from step 2. [See Note 2]  
Note 2: Terminals on run capacitors are not rated to handle currents from large compressors.  
Compressors over 36000BTU (3 tons) should connect the white L2 wire from EasyStart directly to the compressor contactor.
4. Splice the black wire from EasyStart into the switched power lead from thermostat relay or contactor that connects to the compressor overload (O.L.).
5. Connect the orange wire from EasyStart to the run capacitor Herm terminal. There will be an available terminal left over from step 1 when the original start circuit was removed in most cases.
6. Start EasyStart 5 times from a utility AC power source before starting on a generator or inverter to allow EasyStart to learn the compressor. [See Note 3]  
Note 3: An internal cycle timer prevents restarts for five minutes after shutdown.

**Damage to the enclosure or cutting JP2 without authorization from Micro-Air will void the warranty.**

Additional information, wiring diagrams and complete product manuals can be found at:

[www.microair.net](http://www.microair.net)



We appreciate your purchase of Micro-Air products.

Additional operating and installation instructions can be found on our website at:

[www.microair.net](http://www.microair.net)

Specialized instructions for EasyStart are available in the EasyStart™ Knowledge Bank including wiring for air conditioners, troubleshooting, FAQ's, videos and more.