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- › [MICRO-AIR EasyStart FLEX 398 - Bluetooth Soft Start Kit for Home Air Conditioner, RV & Commercial Use, Works with Generators, Reduces Power Surge, Efficient Start-Up - Up to 6 Tons](#)

MICRO-AIR 398 KIT

MICRO-AIR EasyStart FLEX 398 Instruction Manual

Model: 398 KIT | Brand: MICRO-AIR

INTRODUCTION

The MICRO-AIR EasyStart FLEX 398 is an advanced and versatile soft starter designed to optimize the performance and extend the lifespan of your air conditioning system. This device provides a controlled and gentle startup, significantly reducing the initial power surge (up to 75%) experienced by AC units. It is ideal for a wide range of applications, including residential homes, RVs, and commercial spaces, and is compatible with generators and inverters, ensuring smooth operation even with limited or unstable power sources.



Figure 1: MICRO-AIR EasyStart FLEX 398 unit with retail packaging, highlighting Bluetooth connectivity and compatibility up to 6 tons.

KEY FEATURES

- **Advanced MicroAir Technology:** Provides controlled, gentle startup for AC units up to 6 tons (72,000 BTUs), reducing mechanical stress and extending system lifespan.
- **Ideal for Home and Commercial Use:** Supports various applications, including residential and commercial settings, optimizing performance in areas with limited power.
- **Compatibility with Generators:** Reduces startup current by up to 75% when used with generators, inverters, or limited utility power, ensuring smooth AC operation in off-grid locations. Compatible with 2-stage compressors and heat pump units.
- **Quiet and Smart Protection:** Minimizes startup noise and prevents light flickering. Features intelligent fault detection and a short-cycle delay timer to protect the compressor motor from low-voltage damage and excessive wear.
- **Compact Design for Easy Installation:** 50% smaller enclosure size allows for installation in tight

spaces. Simplified setup suitable for both DIY enthusiasts and professionals.

SETUP AND INSTALLATION

Installation of the EasyStart FLEX 398 is designed to be straightforward. However, it involves working with electrical components. If you are not comfortable with electrical wiring, it is highly recommended to consult a qualified HVAC technician.

Safety Precautions

- **ALWAYS** disconnect power to the AC unit at the breaker before beginning any installation or maintenance.
- Discharge the run capacitor using an insulated screwdriver to prevent electrical shock.
- Wear appropriate personal protective equipment (PPE), including safety glasses and electrical gloves.

Installation Steps

1. **Prepare the AC Unit:** Disconnect power and remove the access panel to the control board and capacitor.
2. **Identify Wiring:** Locate the compressor wires (Run, Start, Common) and the contactor. Refer to your AC unit's wiring diagram, usually found on the inside of the access panel.
3. **Mount EasyStart FLEX:** Choose a suitable location within or near the AC unit's control compartment. The compact design allows for flexible placement. Secure the unit using screws.
4. **Connect Wires:** Follow the detailed wiring instructions provided with your EasyStart FLEX kit. Typically, this involves connecting the EasyStart's wires to the compressor's start and run terminals, and to the contactor. Use the provided Wago connectors for secure connections.
5. **Activate and Learn Sequence:** Once wired, restore power to the AC unit. The EasyStart FLEX will initiate a learning sequence during the first few startups to optimize its operation for your specific AC unit.



MICRO-AIR

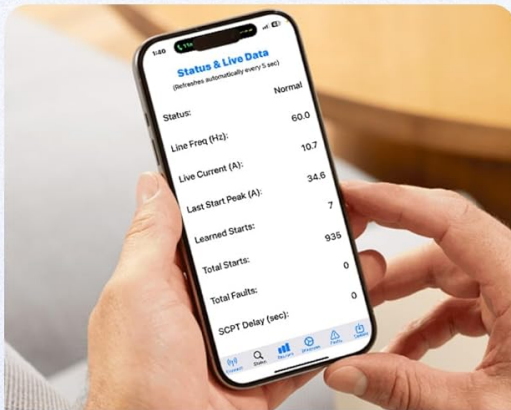
Installation Instruction



**Remove cover and
mount EasyStart**



Connect wires



**Activate and run
learning sequence**

**Installation is done!
Contact
Hutch Mountain
for help at any time!**

Figure 2: Visual guide to the installation process, including removing the cover, connecting wires, and activating the learning sequence.

CONVENIENTLY SIZED FOR YOUR NEEDS



Figure 3: The compact dimensions of the EasyStart FLEX 398 (3.58" W x 7.64" L x 2.50" H) facilitate installation in confined spaces.

Official Installation Video

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Video 1: Detailed step-by-step guide on how to install the EasyStart Flex Residential Soft Starter. This video is provided by the seller, Hutch Mountain, and offers comprehensive visual instructions for a successful setup.

OPERATING INSTRUCTIONS

Once installed, the MICRO-AIR EasyStart FLEX 398 operates automatically with your AC unit. It intelligently manages the compressor's startup cycle to reduce current draw.

Initial Learning Cycles

The EasyStart FLEX requires a few initial startup cycles (typically 5) to 'learn' the unique characteristics of your AC compressor. During these cycles, the unit will optimize its soft-start profile. You may observe slightly higher startup currents during these initial cycles, which will progressively decrease as the learning process

completes.

Bluetooth Connectivity

The EasyStart FLEX 398 features Bluetooth connectivity, allowing you to monitor its performance and real-time data via a compatible smartphone application. This provides insights into current draw, learned starts, and fault detection, enhancing your control and understanding of your HVAC system's operation.

BREEZE OR FLEX?

BOTH MODELS

Reduce Startup Current (up to 75%)

Optimizes Performance

Protects Your Compressor

Include Rock-solid Warranty

Made in America



	BREEZE	FLEX
USES	RV	RV, RESIDENTIAL, WELL PUMP
VOLTAGE	100-120 VAC	100-240 VAC
BTU RANGE	18,000 BTU (1.5 TON)	UP TO 72,000 BTU (6 TON)
CONNECTION	NONE	BLUETOOTH
SIZE FACTOR	MINI, ALL RVs even low-profile	STANDARD, IDEAL FOR MOST USES

Figure 4: The EasyStart FLEX is user-friendly, designed for home use, compatible with generator power, and helps maintain comfort.

MAINTENANCE

The MICRO-AIR EasyStart FLEX 398 is designed for minimal maintenance. However, periodic checks can ensure its continued optimal performance and longevity.

- **Visual Inspection:** Annually inspect the unit and its wiring connections for any signs of wear, corrosion, or damage. Ensure all connections remain secure.
- **Cleanliness:** Keep the exterior of the EasyStart unit and the surrounding area of your AC condenser clean and free from debris, leaves, or dirt that could obstruct airflow or cause overheating.

- **Professional Check:** During routine HVAC system maintenance by a qualified technician, ask them to briefly inspect the EasyStart unit and its connections.

TROUBLESHOOTING

The EasyStart FLEX 398 is equipped with intelligent fault detection to protect your system. If you encounter issues, consider the following:

- **Flickering Lights/Breakers Tripping:** While the EasyStart significantly reduces startup current, if flickering lights or tripped breakers persist, especially during the initial learning cycles, ensure your electrical system (including generator capacity if applicable) is adequately sized for your AC unit's full load. The EasyStart is designed to mitigate, not eliminate, all electrical strain.
- **Unit Not Starting:** Verify that power is supplied to the AC unit and the EasyStart. Check all wiring connections for tightness and proper placement according to the installation guide.
- **Unusual Noises:** The EasyStart is designed to reduce startup noise. If new or unusual noises occur, disconnect power and inspect the AC unit and EasyStart for any loose components or obstructions.
- **Bluetooth Connectivity Issues:** Ensure your smartphone's Bluetooth is enabled and within range of the EasyStart unit. Refer to the app's troubleshooting section for specific connection problems.

For persistent issues or complex electrical problems, it is recommended to contact a qualified HVAC technician or MICRO-AIR customer support.

SPECIFICATIONS

Feature	Specification
Brand Name	MICRO-AIR
Model Info	398 KIT
Item Weight	2.48 pounds
Product Dimensions	9 x 4 x 3 inches
Capacity	Up to 6 Tons (72,000 BTUs)
Installation Type	DIY (Professional installation recommended if unsure)
Voltage	100-240 Volts
Special Feature	Bluetooth Connectivity, Portable

WARRANTY AND SUPPORT

The MICRO-AIR EasyStart FLEX 398 comes with a Limited Warranty. For specific details regarding warranty coverage and duration, please refer to the documentation included with your product or contact MICRO-AIR customer service.

For any installation assistance, technical questions, or support needs, you can contact Hutch Mountain, the seller of this product. They are available to provide guidance and help with your EasyStart FLEX installation and operation.

Contact Information: Please refer to the contact details provided on the product packaging or the official Hutch Mountain website for the most current support information.

Related Documents - 398 KIT

	<p>Micro-Air EasyStart Home AC Wiring Installation Guide</p> <p>Comprehensive guide for installing the Micro-Air EasyStart system in various home air conditioning units. Covers safety precautions, system identification, component identification, wiring instructions for different system types (including Comfort Alert and Emerson Comfort Control), and troubleshooting.</p>
	<p>Carrier 38AXZ/AXD Commercial Split Systems Air Conditioning Condensing Units: Product Data</p> <p>Explore the Carrier 38AXZ and 38AXD series of commercial split system air conditioning condensing units, ranging from 6 to 25 tons. This document details features, benefits, technical specifications, and installation data for these units utilizing Puron Advance™ R-454B refrigerant.</p>
	<p>Trane SWUD Commercial Self-Contained Units: Installation, Operation, and Maintenance Guide (20-110 Tons)</p> <p>Comprehensive guide to installing, operating, and maintaining Trane SWUD Commercial Self-Contained Units (20-110 Tons) with R-454B refrigerant. Covers safety, installation, operation, maintenance, and troubleshooting.</p>
	<p>EasyStart Troubleshooting: System Not Cooling Guide</p> <p>A comprehensive troubleshooting guide for Micro-Air EasyStart systems when the air conditioning is not cooling. Includes initial steps, LED diagnostics, voltage checks, and further resources.</p>
	<p>Trane RAUJ Split System Cooling Condensers and Remote Chillers Product Catalog</p> <p>Explore the Trane RAUJ series of Split System Cooling Condensers and Remote Chillers, available from 20 to 120 tons. This comprehensive product catalog details advanced features, technical specifications, performance data, and essential application considerations for efficient and reliable HVAC solutions.</p>

Product Data



[Bryant 569L Legacy Line Condensing Units Product Data](#)

Explore the product data for Bryant's 569L Legacy Line air conditioning condensing units, featuring Puron Advance™ (R-454B) refrigerant and Axion™ Fan Technology. This document details specifications, features, and performance data for units ranging from 6 to 25 nominal tons.