

VIVAX ACP-12CH35AEMI

VIVAX ACP-12CH35AEMI R32 12000 BTU Inverter Air Conditioner User Manual

Model: ACP-12CH35AEMI

1. INTRODUCTION

Thank you for choosing the VIVAX ACP-12CH35AEMI R32 12000 BTU Inverter Air Conditioner. This unit is designed to provide efficient cooling, heating, and dehumidification for your home or office. Featuring inverter technology, an eco-friendly R32 refrigerant, and high energy efficiency ratings (A++ for cooling, A+ for heating), this air conditioner ensures optimal comfort with reduced energy consumption. This manual provides essential information for the safe installation, operation, and maintenance of your new air conditioner.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing and operating this appliance. Keep this manual for future reference.

- **Professional Installation:** Installation, maintenance, and repair of this unit must be performed by qualified and authorized personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use extension cords or multiple outlet adapters.
- **Refrigerant:** This unit uses R32 refrigerant. R32 is a mildly flammable refrigerant. Do not puncture or burn. Be aware that refrigerants may not contain an odor.
- **Ventilation:** Ensure adequate ventilation during installation and maintenance.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Cleaning:** Always disconnect power before cleaning or performing any maintenance.
- **Obstructions:** Do not block the air inlet or outlet of the indoor or outdoor unit.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- VIVAX ACP-12CH35AEMI Indoor Unit
- VIVAX ACP-12CH35AEMI Outdoor Unit (External unit required)
- Remote Control
- User Manual (This document)
- Installation Kit (Piping, wiring, drainage hose - may vary by region/installer)

4. SETUP AND INSTALLATION

The VIVAX ACP-12CH35AEMI is a split-system air conditioner, requiring both an indoor and an outdoor unit. Professional installation by a certified technician is mandatory to ensure proper functioning, safety, and warranty validity.

4.1. General Installation Guidelines

- **Indoor Unit Placement:** Choose a location that allows for even air distribution throughout the room, away from direct sunlight or heat sources. Ensure sufficient space around the unit for maintenance and airflow.
- **Outdoor Unit Placement:** Install the outdoor unit in a well-ventilated area, away from obstacles that might impede airflow. Ensure it is placed on a stable, level surface and protected from extreme weather conditions.
- **Piping and Wiring:** The refrigerant pipes and electrical wiring connecting the indoor and outdoor units must be installed according to local regulations and manufacturer specifications.
- **Drainage:** Ensure proper drainage for condensate water from the indoor unit to prevent leaks.



Image: The VIVAX ACP-12CH35AEMI indoor unit, showcasing its sleek design.

5. OPERATING INSTRUCTIONS

Your VIVAX air conditioner can be controlled using the included remote control or, optionally, via a smartphone app if the Wi-Fi module is installed.

5.1. Remote Control Overview

The remote control allows you to access all functions of your air conditioner. Ensure the remote control has fresh batteries installed.





Image: The VIVAX air conditioner remote control, showing various buttons and the display.

5.2. Basic Operation Modes

- **Cooling Mode (COOL):** Sets the unit to cool the room. Adjust the temperature using the Up/Down arrows.
- **Heating Mode (HEAT):** Sets the unit to heat the room (Heat Pump function). Adjust the temperature using the Up/Down arrows.
- **Dehumidification Mode (DRY):** Reduces humidity in the room without significant temperature change.
- **Fan Mode (FAN):** Circulates air without cooling or heating. Fan speed can be adjusted.
- **Auto Mode (AUTO):** The unit automatically selects the operating mode (cooling, heating, or fan) based on the ambient temperature and your set temperature.

5.3. Advanced Functions

- **Temperature Setting:** Use the **UP** and **DOWN** buttons to adjust the desired temperature.
- **Fan Speed:** Press the **FAN** button to cycle through different fan speeds (Auto, Low, Medium, High).
- **Swing Function:** Press the **SWING** button to adjust the vertical airflow direction or enable continuous swing.
- **Timer Function:** Set the unit to turn ON or OFF automatically after a specified period. Refer to the remote control section of the full manual for detailed timer settings.
- **Sleep Mode:** Optimizes operation for comfortable sleep by gradually adjusting temperature and fan speed.
- **ECO Mode:** Reduces energy consumption by optimizing compressor operation.
- **Wi-Fi Control (Optional):** If the optional Wi-Fi module is installed, download the VIVAX app to control your air conditioner remotely via smartphone. Follow the app's instructions for pairing.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect the power supply before performing any maintenance.

6.1. Air Filter Cleaning

The VIVAX ACP-12CH35AEMI is equipped with an antimicrobial air filter. Clean the air filters every two weeks or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.

2. Carefully remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water (below 40°C) and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing. Do not expose to direct sunlight.
5. Re-install the dry filters and close the front panel.



Image: An open indoor air conditioner unit revealing the removable and cleanable air filters.

6.2. General Cleaning

- Wipe the indoor unit's exterior with a soft, dry cloth. For stubborn dirt, use a damp cloth with a mild detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.
- Ensure the outdoor unit's coils are free from debris (leaves, dust). If heavily soiled, professional cleaning is recommended.

6.3. Seasonal Checks

- Before the cooling/heating season, check for any unusual noises or odors.
- Ensure the drainage hose is clear and not blocked.
- Verify that the outdoor unit is free from obstructions.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Timer set to OFF	Check power supply; Replace batteries; Cancel timer setting
Insufficient cooling/heating	Air filters dirty; Temperature setting incorrect; Doors/windows open; Obstruction at air inlet/outlet	Clean air filters; Adjust temperature; Close doors/windows; Remove obstructions
Water leakage from indoor unit	Drainage hose blocked or bent; Unit not level	Check and clear drainage hose; Ensure unit is level (professional adjustment may be needed)
Unusual noise	Loose parts; Foreign objects; Unit not installed properly	Check for loose parts; Remove foreign objects; Contact professional for inspection
Remote control not working	Batteries low or incorrectly inserted; Obstruction between remote and unit	Replace batteries; Ensure clear line of sight to indoor unit's receiver

If the problem persists after attempting these solutions, please contact a qualified service technician.

8. SPECIFICATIONS

Technical specifications for the VIVAX ACP-12CH35AEMI R32 12000 BTU Inverter Air Conditioner:

Feature	Specification
Brand	VIVAX
Model Number	ACP-12CH35AEMI
Cooling Capacity	12000 BTU
Heating Capacity	Heat Pump Functionality
Energy Efficiency (Cooling)	A++
Energy Efficiency (Heating)	A+
SEER (Seasonal Energy Efficiency Ratio)	6.1
Refrigerant	R-32
Compressor Type	Inverter (Rotary Scroll)
Product Dimensions (D x W x H)	19.4P x 80.5I x 28.5H cm
Item Weight	35 Kilograms
Voltage	220 Volt
Electric Power	3.6 KW
Noise Level	63 Decibel
Filter Type	Antimicrobial Air Filter
Control Method	Remote Control, App (Optional Wi-Fi)
Coverage Area	Up to 35 square meters
Color	White
Main Material	Metal
Installation Type	Split System
External Unit Required	Yes
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1. Product Warranty

This VIVAX air conditioner comes with a product warranty of **24 months** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty may be voided by improper installation, unauthorized repairs, or misuse.

9.2. Customer Support

For technical assistance, warranty claims, or service requests, please contact your authorized VIVAX dealer or the customer support channel provided at the point of purchase. When contacting support, please have your model

number (ACP-12CH35AEMI) and purchase date ready.

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