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› OLMO 8,000 BTU 115V Through-the-Wall Air Conditioner Instruction Manual (Model OW-P08AC115WF)

## OLMO OW-P08AC115WF

# OLMO 8,000 BTU 115V Through-the-Wall Air Conditioner Instruction Manual

Model: OW-P08AC115WF

## 1. INTRODUCTION

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Thank you for choosing the OLMO 8,000 BTU 115V Through-the-Wall Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these instructions will ensure optimal performance and longevity of your appliance.



Figure 1: OLMO Through-the-Wall Air Conditioner unit with remote control and smart connect features.

## 2. PRODUCT FEATURES

- **Cooling Capacity:** 8,300 BTU/h, suitable for residential, commercial, or hotel use.
- **Voltage:** Designed for 115V, 1 Phase, 60Hz electrical systems.
- **Refrigerant:** Pre-charged with R-32 refrigerant.
- **Control Options:** Standard digital push-button control panel with LED display, included remote controller, and compatible wireless smartphone device (Smart Kit built-in).
- **Wall Sleeve:** A wall sleeve is included for through-the-wall installation.
- **Special Features:** Remote Controlled, WiFi Enabled for convenient operation.
- **Efficiency:** Energy efficient design.
- **Noise Level:** Operates at 49.5 Decibels.



Figure 2: Close-up view of the control panel on the OLMO Through-the-Wall Air Conditioner.

## 3. SETUP & INSTALLATION

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The OLMO Through-the-Wall Air Conditioner is designed for permanent installation through an exterior wall. A wall sleeve is included to facilitate this process. Due to the electrical requirements and the nature of through-the-wall installation, professional installation is highly recommended.

### 3.1 Electrical Requirements

- Ensure your electrical system provides 115V, 1 Phase, 60Hz.
- Verify that you have the correct receptacle type before installation.
- The unit uses R-32 refrigerant. Handle with care and ensure proper ventilation during installation.

### 3.2 Wall Sleeve Installation

The included wall sleeve must be securely installed in the wall opening according to local building codes and manufacturer guidelines. Ensure the sleeve is level and properly sealed to prevent air leakage and moisture intrusion. Detailed instructions for wall sleeve installation are typically provided in a separate guide or within the main installation manual.



Figure 3: The wall sleeve, an essential component for through-the-wall installation.

## 4. OPERATING INSTRUCTIONS

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Your OLMO air conditioner offers multiple ways to control its functions for maximum comfort and convenience.

### 4.1 Control Panel Operation

The unit features a digital push-button control panel with an LED display. Use the buttons to power the unit on/off, select cooling mode, adjust temperature settings, and control fan speed. The LED display will show the current temperature or selected settings.

### 4.2 Remote Control Operation

The included remote control allows you to operate the unit from a distance. Point the remote directly at the air conditioner's

receiver. Functions typically include power, mode selection (Cool Only), temperature adjustment, fan speed, and timer settings.



Figure 4: The remote control provides convenient access to all unit functions.

### 4.3 Smart Connect (Wi-Fi) Operation

The built-in Smart Kit allows you to control your air conditioner using a compatible smartphone application. Download the OLMO Smart Connect app from your device's app store. Follow the in-app instructions to connect your unit to your home Wi-Fi network. Once connected, you can adjust settings, monitor status, and schedule operations remotely.



Figure 5: Controlling the air conditioner via the Smart Connect smartphone application.

## 5. MAINTENANCE

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Regular maintenance ensures your air conditioner operates efficiently and extends its lifespan. Always unplug the unit before performing any maintenance.

### 5.1 Air Filter Cleaning

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. Remove the front panel, slide out the filter, and wash it with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not operate the unit without the filter.

### 5.2 Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface. Ensure no water enters the electrical components.

## 6. TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and solutions:

| Problem                      | Possible Cause                                                                       | Solution                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Unit does not turn on        | No power supply; Power cord not fully plugged in; Blown fuse/tripped circuit breaker | Check power connection; Ensure cord is secure; Reset circuit breaker or replace fuse          |
| Unit not cooling effectively | Dirty air filter; Blocked air intake/outlet; Room too large; Doors/windows open      | Clean air filter; Clear obstructions; Ensure room size is appropriate; Close doors/windows    |
| Unusual noise                | Loose parts; Unit not level; Obstruction in fan                                      | Check for loose components; Ensure unit is level; Inspect fan for obstructions (unplug first) |
| Remote control not working   | Dead batteries; Obstruction between remote and unit; Remote out of range             | Replace batteries; Remove obstructions; Move closer to the unit                               |

## 7. SPECIFICATIONS

Below are the technical specifications for the OLMO 8,000 BTU 115V Through-the-Wall Air Conditioner (Model OW-P08AC115WF):

| Specification                  | Value                                                          |
|--------------------------------|----------------------------------------------------------------|
| Brand Name                     | OLMO                                                           |
| Model Info                     | OW-P08AC115WF                                                  |
| Item Weight                    | 80 pounds                                                      |
| Product Dimensions (D x W x H) | 20.28 x 24.21 x 14.53 inches                                   |
| Efficiency                     | Energy efficient                                               |
| Capacity                       | 0.66 Tons (8000 BTU)                                           |
| Noise Level                    | 49.5 Decibels                                                  |
| Installation Type              | Packaged, Through-the-Wall                                     |
| Special Features               | Remote Controlled, WiFi Enabled                                |
| Color                          | White                                                          |
| Voltage                        | 115 Volts                                                      |
| Included Components            | Through the Wall Air Conditioner, Wall Sleeve & Remote Control |
| Refrigerant                    | R-32                                                           |
| Power Source                   | Corded Electric                                                |

| Model                                |                           |         | OW-P08AC115WF | OW-P08HS115WF                 | OW-P12AC115WF                 | OW-P12AC230WF                 | OW-P14AC230WF                 | OW-P12HS230WF                 | OW-P14HS230WF                 |
|--------------------------------------|---------------------------|---------|---------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Power Supply                         |                           |         | V-Ph-Hz       | 115V-1Ph-60                   | 115V-1Ph-60                   | 115V-1Ph-60                   | 208/230V-1Ph-60               | 208/230V-1Ph-60               | 208/230V-1Ph-60               |
| Cooling                              | Capacity                  | Btu/h   | 8300          | 8000                          | 12000                         | 12000/11700                   | 14000/13600                   | 12000/11700                   | 14000/13600                   |
|                                      | EER                       | W/W     | 3.11          | 3.13                          | 3.08                          | 3.08                          | 2.78                          | 2.98/2.95                     | 2.86/2.84                     |
|                                      | CEER                      | Btu/h/W | 10.6          | 9.6                           | 10.5                          | 10.5                          | 9.5                           | 9.5                           | 9.5                           |
|                                      | Input                     | W       | 760           | 750                           | 1140                          | 1140/1110                     | 1400/1360                     | 1180/1160                     | 1430/1400                     |
|                                      | Current                   | A       | 7.8           | 9.4                           | 11.3                          | 5.8/6.3                       | 7.0/7.7                       | 6.5/7.0                       | 7.9/8.5                       |
|                                      |                           |         | Standby Power | W                             | 1.25                          | 1.34                          | 1.25                          | 1.435                         | 1.34                          |
| Heating                              | Rated Capacity            | Btu/h   | -             | 4200                          | -                             | -                             | -                             | 10800/8600                    | 10900/8600                    |
|                                      | Rated Input (Heater)      | W       | -             | 1220                          | -                             | -                             | -                             | 3450/2821                     | 3450/2821                     |
|                                      | Rated Current             | A       | -             | 11                            | -                             | -                             | -                             | 15/13.5                       | 15.0/14.0                     |
| Compressor                           | Type                      |         | ROTARY        | ROTARY                        | ROTARY                        | ROTARY                        | ROTARY                        | ROTARY                        | ROTARY                        |
|                                      | Rated Current (RLA)       | A       | 5.10          | 5.10                          | 7.30                          | 4.18/3.85±3%                  | 6.00/5.55±3%                  | 4.18/3.85±3%                  | 6.00/5.55±3%                  |
|                                      | Locked Rotor Amp(LRA)     | A       | 36            | 36                            | 49                            | 28.5±10%                      | 34.5±10%                      | 28.5±10%                      | 34.5±10%                      |
| Refrigerant Type                     |                           |         | Type          | R32                           | R32                           | R32                           | R32                           | R32                           | R32                           |
|                                      |                           |         | oz            | 10.93                         | 11.99                         | 17.28                         | 16.58                         | 17.99                         | 17.28                         |
| Indoor Air Flow (Hi/Mi/Lo)           |                           |         | ft3/min       | 270.0/232.9/202.9             | 258.8/227.1/192.4             | 276.5/250.6/220.0             | 274.7/259.4/237.1             | 280.0/264.7/245.3             | 273.5/251.8/230.6             |
| Indoor Noise Level (Hi/Mi/Lo)        |                           |         | dB(A)         | 55.6/52.4/49.5                | 58.7/55.4/52                  | 59/56.8/55.3                  | 60.2/59/57.5                  | 60.5/59.5/58                  | 61.8/60/58                    |
| Outdoor Air Flow (Hi/Med/Lo)         |                           |         | ft3/min       | 467.7/394.1/333.5             | 424.7/360.6/296.5             | 544.1/485.3/424.1             | 532.9/497.1/452.9             | 554.1/526.5/487.1             | 451.2/408.8/366.5             |
| Outdoor Side Noise Level (Hi/Med/Lo) |                           |         | dB(A)         | 63.6/59.4/55.9                | 63.5/59.7/55.9                | 68.7/65.3/62                  | 68.3/66.7/63.9                | 69.9/68/65.9                  | 65.4/63.2/61.1                |
| Power Cord Length                    |                           |         | ft            | 7.02                          | 5.58                          | 7.02                          | 6.50                          | 6.50                          | 5.58                          |
| Control Type                         |                           |         |               | Remote Control/ Smart Connect | Remote Control/ Smart Connect | Remote Control/ Smart Connect | Remote Control/ Smart Connect | Remote Control/ Smart Connect | Remote Control/ Smart Connect |
| Operation Temp                       | Indoor (cooling/heating)  | °F      | 63-90/ -      | 63-90/ -                      | 63-90/ -                      | 63-90/ -                      | 63-90/ -                      | 63-90/ -                      | 63-90/ -                      |
|                                      | Outdoor (cooling/heating) | °F      | 64-109        | 64-109/23-75                  | 64-109                        | 64-109                        | 64-109                        | 64-109/23-75                  | 64-109/23-75                  |
| Dimension(WxDxH)                     |                           |         | in            | 24.21x20.28x14.53             | 24.21x20.28x14.53             | 24.21x20.28x14.53             | 24.21x20.28x14.53             | 24.21x20.28x14.53             | 24.21x20.28x14.53             |
| Packing (WxDxH)                      |                           |         | in            | 27.95x26.57x16.93             | 27.95x26.57x16.93             | 27.95x26.57x16.93             | 27.95x26.57x16.93             | 27.95x26.57x16.93             | 27.95x26.57x16.93             |
| Net/Gross Weight                     |                           |         | lbs           | 65.48/77.16                   | 66.80/77.16                   | 74.90/87.52                   | 74.52/86.86                   | 75.40/87.74                   | 74.90/85.76                   |
|                                      |                           |         |               |                               |                               |                               |                               |                               | 77.38/87.74                   |

Figure 6: Detailed technical specifications for various OLMO Through-the-Wall Air Conditioner models.

8. WARRANTY INFORMATION

OLMO products are manufactured to high-quality standards and are backed by a manufacturer's warranty. Specific warranty terms and conditions, including duration and coverage, are typically provided with your purchase documentation. Please refer to the warranty card or contact OLMO customer support for detailed information regarding your product's warranty.

9. SUPPORT & CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact OLMO customer support. Have your model number (OW-P08AC115WF) and purchase date ready when you call.

**OLMO Customer Support:** Refer to your product packaging or the official OLMO website for the most current contact information.

Your browser does not support the video tag.

Video 1: Official product overview video for the OLMO Through-the-Wall Air Conditioner, highlighting its features and installation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question