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Sharp FP-A80UW

SHARP Air Purifier User Manual

Model: FP-A80UW

Brand: Sharp

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your SHARP FP-A80UW Air Purifier. Please read this manual thoroughly before using the appliance and retain it for future reference. The SHARP FP-A80UW is designed to improve indoor air quality through a multi-stage filtration system and Plasmacluster Ion Technology.



Figure 1: Front view of the SHARP FP-A80UW Air Purifier.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electric shock, fire, or injury, always follow basic safety precautions when using electrical appliances. This includes:

- Do not operate the air purifier with a damaged cord or plug.
- Do not place the unit near heat sources or in direct sunlight.
- Keep the air intake and outlet clear of obstructions.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in wet or damp environments.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. PRODUCT OVERVIEW

3.1 Components

The SHARP FP-A80UW Air Purifier consists of the main unit, a washable microscreen pre-filter, an activated carbon deodorizing filter, and a True HEPA filter.

Double Filtration System + Plasmacluster® Ion Technology

Plasmacluster® Ion Technology

Dispersing ions into the room for an active cleaning process.

True HEPA Filter

Captures 99.97% of particles from the air that passes through the filter from 0.3 microns and larger.

Carbon Filter

Helps reduce some common household odors.



FPA80UW

3.2 Control Panel

The control panel is located on the top of the unit and features various buttons and indicators for operation.

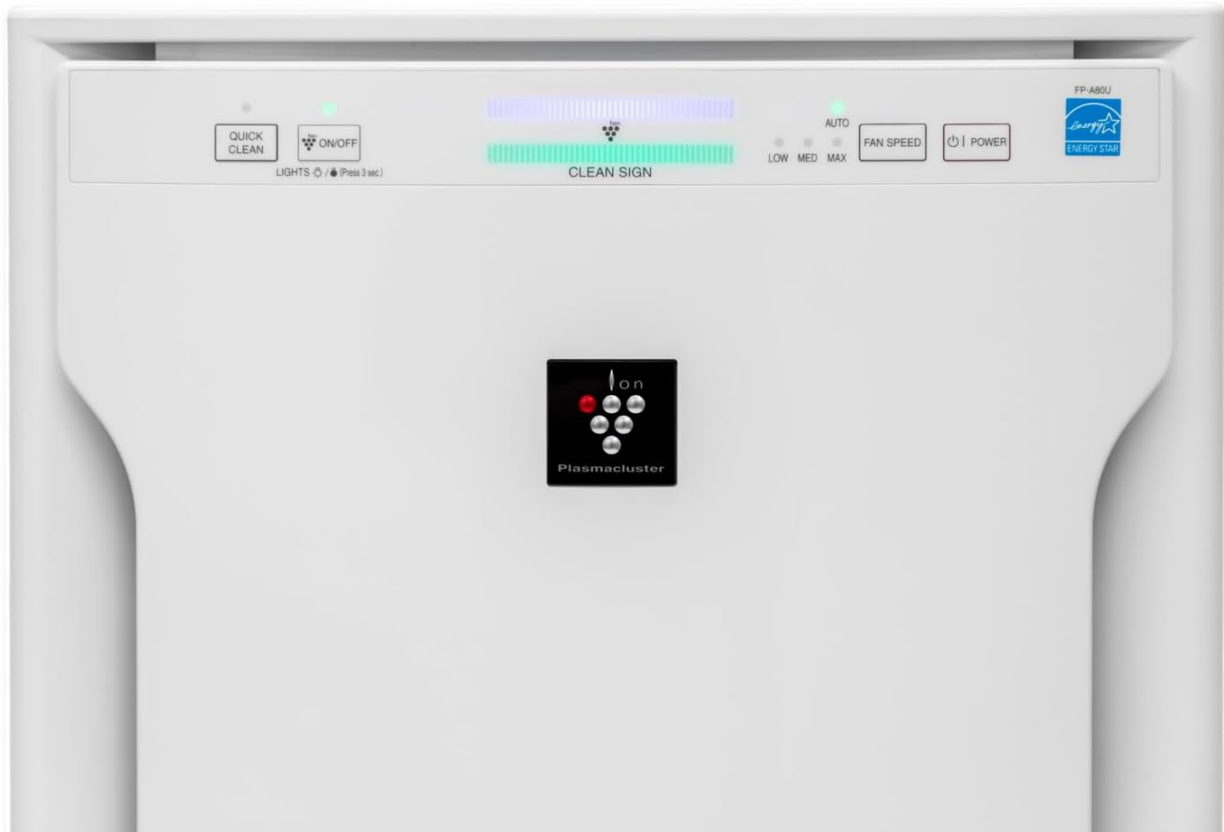


Figure 3: Detailed view of the control panel.

- **Quick Clean Button:** Initiates a 15-minute high-speed cleaning cycle.
- **On/Off Button:** Powers the unit on or off.
- **Lights On/Off Button:** Toggles the display lights.
- **Clean Sign Indicator:** Displays the air quality level.
- **Auto Mode:** Automatically adjusts fan speed based on air quality.
- **Fan Speed Button:** Cycles through Low, Med, and Max fan speeds.
- **Power Button:** Main power control.

4. SETUP AND INSTALLATION

1. **Unpack the Unit:** Carefully remove the air purifier from its packaging.
2. **Remove Filter Packaging:** Open the front panel of the unit. Remove the plastic packaging from the True HEPA filter and the Activated Carbon Deodorizing filter.
3. **Install Filters:** Place the Activated Carbon Deodorizing filter first, followed by the True HEPA filter, ensuring they are correctly oriented. Close the front panel securely.
4. **Position the Unit:** Place the air purifier on a flat, stable surface, ensuring adequate clearance around the air intake and outlet for optimal airflow.
5. **Plug In:** Connect the power cord to a suitable electrical outlet.



Figure 4: Accessing the filter compartment for installation.

5. OPERATION

Once set up, operate your air purifier using the control panel buttons.

- **Power On/Off:** Press the **On/Off** button to turn the unit on or off.
- **Fan Speed Selection:** Press the **Fan Speed** button repeatedly to cycle through Low, Med, and Max settings. The Low setting is designed for quiet operation, suitable for bedrooms.
- **Auto Mode:** Press the **Auto** button to enable automatic fan speed adjustment based on detected air quality.
- **Quick Clean:** Press the **Quick Clean** button for a rapid, high-power air purification cycle lasting 15 minutes.
- **Plasmacluster Ion Technology:** This feature operates automatically to disperse ions for active air cleaning.

Library Quiet®
The Library Quiet® Low mode is perfect for the bedroom.

20dB
Ticking Watch

23dB
Low Fan Speed
For FPA80UW

40dB
Refrigerator

These visual representations are for reference only. Please consult the Owner's Manual for more precise guidance.

Figure 5: The unit's quiet operation, ideal for bedrooms.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your air purifier.

6.1 Filter Replacement

The True HEPA filter and Activated Carbon Deodorizing filter have a long life, lasting up to 2 years depending on the environment and usage. The washable microscreen pre-filter should be cleaned regularly.



Figure 6: The True HEPA and Activated Carbon filters.

1. **Pre-filter Cleaning:** The microscreen pre-filter can be vacuumed or washed with water. Ensure it is completely dry before re-installing.
2. **Filter Replacement:** When the filter indicator light illuminates, it is time to replace the True HEPA and Activated Carbon filters.
3. **Ordering Replacement Filters:** Refer to the product specifications or contact customer support for

compatible replacement filter models.

6.2 Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Clean the air intake and outlet vents periodically to prevent dust buildup.

7. TROUBLESHOOTING

If you encounter issues with your air purifier, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Unit is off.	Check power outlet; Ensure power cord is securely plugged in; Press the On/Off button.
Weak airflow	Filters are clogged; Air intake/outlet blocked.	Clean or replace filters; Remove any obstructions.
Unusual noise	Foreign object inside; Unit not on a stable surface.	Unplug and check for foreign objects; Place on a flat, stable surface.
Odor persists	Activated Carbon filter saturated; Strong external odor source.	Replace Activated Carbon filter; Identify and remove external odor source.

8. TECHNICAL SPECIFICATIONS

Key specifications for the SHARP FP-A80UW Air Purifier:

- **Model:** FP-A80UW
- **Color:** White
- **Product Dimensions (D x W x H):** 9.6" x 15.9" x 24.4"
- **Item Weight:** 17.6 pounds
- **Floor Area Coverage (AHAM Suggested Room Size):** 454 Square Feet (4.8 air changes per hour)
- **Noise Level (Low setting):** 29 dB
- **Controller Type:** Button Control
- **Certifications:** AHAM Certified, CARB Certified, Energy Star Certified
- **CADR Ratings (Smoke/Dust/Pollen):** 293 / 303 / 360

Ideal for Large Coverage

Effective up to **2,198 ft²** at one air change per hour, the FPA80UW will filter the air in the AHAM Suggested Room Size of **454 ft²** at **4.8** air changes per hour.*



*Based on 4.8 air changes per hour (ACH) and Certified AHAM CADR Data

Figure 7: The air purifier is effective for large rooms.



Clean Air Delivery Rate
The higher the number, the faster the unit will filter the pollutants listed below.

Pollutant	CADR Rating
SMOKE	293
DUST	303
POLLEN	360

AHAM VERIFIDE Independently Tested. Consumer Trusted.

AHAM Suggested Room Size of 454 ft² at 4.8 air changes per hour.
Portable air cleaners are most effective in rooms where all doors and windows are closed.

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Figure 8: AHAM Verifide CADR ratings for the unit.

9. WARRANTY AND CUSTOMER SUPPORT

Your SHARP FP-A80UW Air Purifier comes with a **1-year limited warranty** from the date of purchase. For warranty claims or technical assistance, please contact Sharp customer support.

For additional information and a downloadable PDF version of the user manual, please visit the official Sharp website or refer to the provided document link:

[Download User Manual \(PDF\)](#)

	<p>SHARP Air Purifier with Mosquito Catcher FP-JM30 Series Operation Manual</p> <p>This operation manual provides detailed instructions for the SHARP Air Purifier with Mosquito Catcher, models FP-JM30E, FP-JM30L, FP-JM30P, and FP-JM30V. It covers features, safety precautions, installation, operation, maintenance, troubleshooting, and specifications for effective use.</p>
	<p>Sharp Air Purifier Operation Manual FP-J80 FP-J60 Series</p> <p>This operation manual provides detailed instructions for the Sharp FP-J80 and FP-J60 series air purifiers, covering setup, operation, maintenance, and troubleshooting for optimal air quality.</p>
	<p>Sharp FP-JM30 Series Air Purifier with Mosquito Catcher: Operation Manual</p> <p>This operation manual provides detailed instructions for the Sharp FP-JM30E, FP-JM30L, FP-JM30P, and FP-JM30V air purifiers with mosquito catcher functionality. Learn about features, safety, operation, maintenance, and specifications.</p>
	<p>Sharp FP-J30J Air Purifier Operation Manual</p> <p>Comprehensive operation manual for the Sharp FP-J30J Air Purifier, detailing its features, installation, operation, maintenance, troubleshooting, specifications, and warranty information.</p>
	<p>Sharp FU-425E Air Purifier Operation Manual - Features, Setup, and Maintenance Guide</p> <p>Comprehensive operation manual for the Sharp FU-425E Air Purifier. This guide details features like Plasmacluster Ion technology, HEPA and Active Carbon filters, installation, various operation modes, essential maintenance, and troubleshooting tips for optimal air quality.</p>
	<p>Sharp KI-N50 / KI-N40 Air Purifier Operation Manual</p> <p>Comprehensive operation manual for the Sharp KI-N50 and KI-N40 air purifiers. Learn about Plasmacluster technology, triple filtration, humidification, Wi-Fi connectivity, and safe usage instructions.</p>