

Endurance Pro S1200A000

Endurance Pro S1200A000 Universal Bathroom Vent Fan Motor Replacement Manual

Model: S1200A000

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Endurance Pro S1200A000 Universal Bathroom Vent Fan Electric Motor Assembly. This product is designed as a replacement for specific Broan NuTone bathroom exhaust fan models. Please read all instructions carefully before proceeding with installation or use.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Disconnect power at the circuit breaker or fuse box before installing or servicing this product.

- Always ensure power is disconnected before beginning any work on the fan assembly.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- If you are unsure about any part of the installation process, consult a qualified electrician.
- Do not operate the fan without the grille properly installed.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Electric Motor with Plug
- 1 x 6.625 inch CW (Clockwise) 5-Blade Fan with 12-degree pitch



Image: The Endurance Pro S1200A000 motor assembly, showing the motor, attached fan blade, and electrical plug.

SPECIFICATIONS

Feature	Specification
Model	S1200A000
Voltage	120 Volts
Frequency	60 Hz
Amperage	0.6 Amps
Rotation	CW (Clockwise)
Class	CL.B
Maximum Rotational Speed	3000 RPM
Air Flow Capacity	50 Cubic Feet Per Minute (CFM)
Noise Level	50 Decibels
Material	Alloy Steel, Metal
Power Connector Type	3-Pin

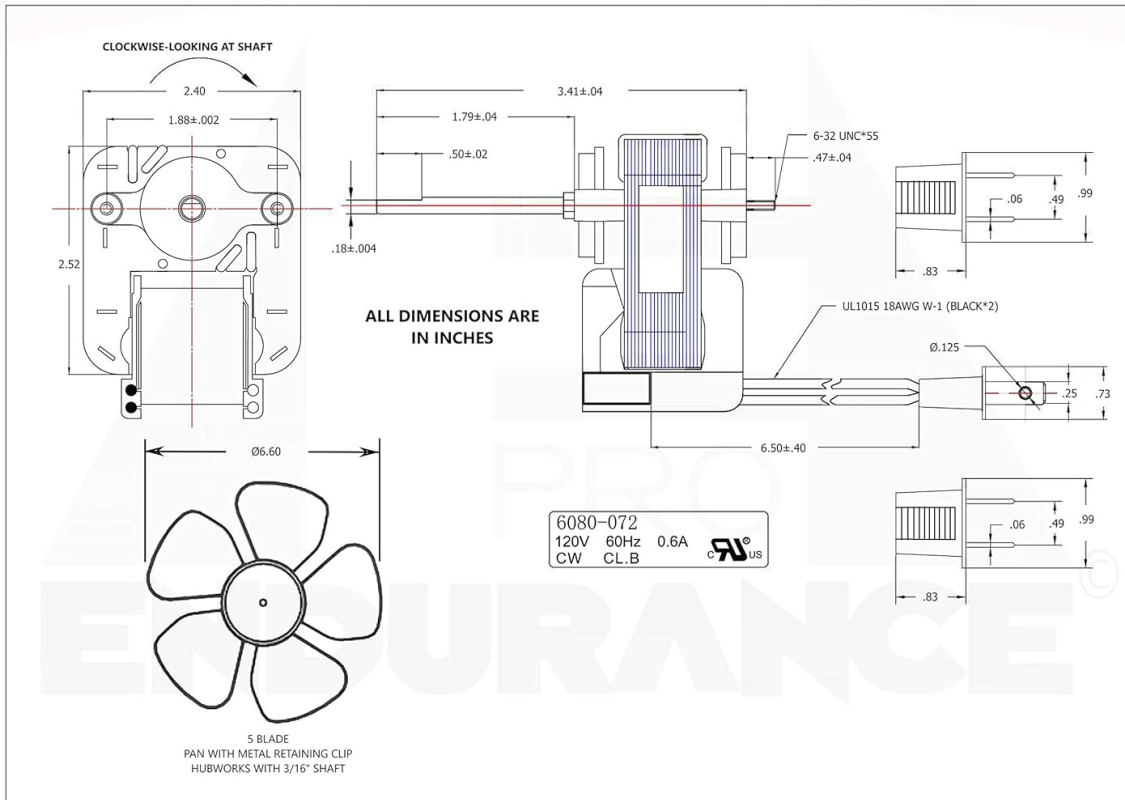


Image: Technical diagram showing dimensions and specifications for the motor and fan blade.

COMPATIBILITY

This motor assembly is compatible with the following Broan NuTone bathroom exhaust fan models:

- Broan NuTone 686
- Broan NuTone M686
- Broan NuTone 687
- Broan NuTone 8870

It also replaces the following part numbers: AP5957893, 1200A000, 15591000, 22651000, 26725000, 26728000, 26753-000, 26753000, 3447753.

Important Compatibility Note:

Many replacement parts may appear similar but are not universally compatible. Always verify your appliance's exact model number against the compatibility list provided. The model number is typically found on a sticker or plate on your appliance, not always on the user manual cover.

- Do not rely solely on brand and image matching.
- A part compatible with your brand may not be compatible with your specific model.
- The model number is often located on the door or control panel of the appliance.



INSTALLATION INSTRUCTIONS

Follow these steps to replace your bathroom vent fan motor:

1. **Disconnect Power:** Locate the circuit breaker that controls power to your bathroom fan and turn it OFF. Verify that the power is off by attempting to turn on the fan.
2. **Remove Fan Grille:** Carefully pull down the fan grille. Most grilles are held in place by spring clips. Squeeze the clips together to release the grille.
3. **Remove Old Motor Assembly:** Disconnect the power plug from the old motor. The motor assembly is typically held in place by a mounting plate or screws. Remove any screws or release clips securing the old motor.
4. **Install New Motor Assembly:** Align the new Endurance Pro S1200A000 motor assembly with the mounting points in the fan housing. Secure it with the appropriate screws or clips. Ensure the fan blade is facing the correct direction for exhaust.



Image: The Endurance Pro S1200A000 motor with its electrical plug, ready for connection.

5. **Connect Power:** Plug the new motor's electrical connector into the receptacle in the fan housing.
6. **Reinstall Fan Grille:** Push the fan grille back into place until the spring clips secure it.
7. **Restore Power:** Turn the circuit breaker back ON.
8. **Test Operation:** Turn on the bathroom fan switch to ensure the new motor operates correctly and quietly.

The Endurance Pro S1200A000 motor assembly operates automatically when power is supplied to the fan unit, typically controlled by a wall switch. Once installed, simply use your existing bathroom fan switch to turn the fan ON or OFF.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your vent fan motor:

- **Cleaning:** Periodically remove the fan grille and gently clean the fan blades and motor housing with a soft, damp cloth. Ensure no moisture enters the motor windings.
- **Inspection:** Annually inspect the motor and fan blades for any signs of wear, damage, or excessive dust buildup.
- **Lubrication:** This motor is designed to be maintenance-free and does not require lubrication.

Always disconnect power before performing any maintenance.

TROUBLESHOOTING

If your fan is not operating as expected, consider the following common issues:

Problem	Possible Cause	Solution
Fan does not turn on	No power to the unit	Check circuit breaker; ensure fan switch is ON.
Fan does not turn on	Loose electrical connection	Disconnect power, check motor plug connection.
Excessive noise or vibration	Fan blade obstruction or imbalance	Disconnect power, remove grille, check for debris or damage to fan blade. Ensure fan blade is securely attached.
Excessive noise or vibration	Motor not securely mounted	Disconnect power, ensure motor is firmly attached to the housing.
Low airflow	Dirty fan blade or grille	Disconnect power, clean fan blade and grille.

WARRANTY AND SUPPORT

This Endurance Pro part by SupplyEdge is UL/CSA approved, ensuring safe operation and long life. It comes with a 1-year, no-questions-asked, no-hassle warranty.

For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the official Endurance Pro website.