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› Thermaltake Pure 20 Series 200mm Black Case Fan Instruction Manual (Model CL-F015-PL20BL-A)

Thermaltake CL-F015-PL20BL-A

Thermaltake Pure 20 Series 200mm Black Case Fan Instruction Manual

Model: CL-F015-PL20BL-A

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Thermaltake Pure 20 Series 200mm Black Case Fan. Please read this manual thoroughly before installation and retain it for future reference. This fan is designed to provide efficient cooling and high airflow for computer cases while maintaining quiet operation.

2. PRODUCT OVERVIEW

The Thermaltake Pure 20 Series fan is engineered for optimal performance and reliability. Key features include:

- **High Performance:** 200x30mm thick design for high air pressure and airflow.
- **Enhanced Airflow:** Fan blade design focuses airflow and reduces noise, creating a torrent of air without excessive sound.
- **Balanced Operation:** Offers a balance of silence, style, and efficiency.
- **Long Life Sleeve Bearing:** Provides improved reliability and extended lifespan.
- **Easy Installation:** Shaved frame design allows for more versatile installation options, particularly with Thermaltake chassis.



Figure 2.1: Front view of the Thermaltake Pure 20 Series 200mm Black Case Fan.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Thermaltake Pure 20 Series 200mm Case Fan
- Mounting Screws
- User Manual (this document)

4. SPECIFICATIONS



Figure 4.1: Product specifications as listed on the fan packaging.

Specification	Value
P/N	CL-F015-PL20BL-A
Fan Dimension	200 x 200 x 30 mm
Started Voltage	9.0 V
Rated Voltage	12 V
Rated Current	0.2 A

Specification	Value
Power Input	2.4 W
Fan Speed	800 R.P.M
Max. Air Pressure	0.996 mm-H2O
Max. Air Flow	129.639 CFM
Noise	28.2 dBA
Bearing Type	Sleeve
Life Expectancy	30,000 hrs, 25°C
Connector	3 PIN
Weight	304.4 g



Figure 4.2: Dimensional drawing of the Thermaltake Pure 20 Series 200mm fan.

5. SETUP AND INSTALLATION

Follow these steps to install your Thermaltake Pure 20 Series 200mm Case Fan:

- 1. Prepare your PC Case:** Ensure your computer is powered off and unplugged from the wall outlet. Open your PC case to access the fan mounting locations.
- 2. Identify Mounting Location:** Locate an available 200mm fan mounting point in your PC case. Common locations include the front, top, or side panels.

3. **Orient the Fan:** Determine the desired airflow direction (intake or exhaust). The fan typically has an arrow on its side indicating the direction of airflow and blade rotation. Position the fan accordingly.
4. **Mount the Fan:** Align the fan's screw holes with the mounting holes on your PC case. Use the provided mounting screws to secure the fan firmly. Do not overtighten the screws.
5. **Connect Power:** Connect the fan's 3-pin connector to an available 3-pin fan header on your motherboard or a compatible fan controller. Ensure the connector is properly seated.
6. **Close Case and Power On:** Once the fan is securely mounted and connected, close your PC case. Reconnect the power cable and power on your computer. Verify that the fan is spinning.

Note: The fan features an anti-vibration mounting system to reduce noise. Ensure proper installation to benefit from this feature.

6. OPERATION

Once installed and powered on, the Thermaltake Pure 20 Series fan will operate continuously to provide airflow. The fan speed is fixed at 800 RPM. For systems with motherboard fan control, ensure the fan header is configured correctly in your system's BIOS/UEFI settings or through compatible software to monitor fan status.

7. MAINTENANCE

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

- **Cleaning:** Periodically inspect the fan blades and frame for dust accumulation. Use compressed air or a soft, dry cloth to gently clean the fan blades and housing. Ensure the fan is powered off and unplugged before cleaning.
- **Inspection:** Check mounting screws periodically to ensure they remain secure.

8. TROUBLESHOOTING

If you encounter issues with your fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not spin	No power, loose connection, faulty fan header	Check power cable connection. Ensure fan is properly connected to motherboard header. Try a different fan header.
Excessive noise	Loose mounting, dust accumulation, fan obstruction	Ensure fan is securely mounted. Clean fan blades. Check for cables or objects obstructing fan blades.
Low airflow	Dust accumulation, incorrect orientation	Clean fan blades. Verify fan is oriented for desired airflow direction (intake/exhaust).

9. WARRANTY AND SUPPORT

This Thermaltake Pure 20 Series 200mm Case Fan comes with a manufacturer warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Thermaltake website.

For technical support, troubleshooting assistance, or warranty claims, please contact Thermaltake customer service through their official support channels. Keep your proof of purchase handy when contacting support.

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