

## Candy 2129434

# Candy Refrigerator Fan Motor Propeller Instruction Manual

Model: 2129434

Brand: Candy

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Candy Refrigerator Fan Motor Propeller. This component is an original spare part designed to ensure optimal air circulation within your refrigerator, contributing to efficient cooling and performance. Please read this manual thoroughly before attempting any installation or maintenance.

## 2. PRODUCT OVERVIEW

The Candy Refrigerator Fan Motor Propeller (Model 2129434) is a crucial component of your refrigerator's cooling system. It works in conjunction with the fan motor to circulate cold air throughout the refrigerator and freezer compartments, ensuring consistent temperatures and preventing frost buildup. This propeller features a durable design for long-lasting performance.



Figure 1: Candy Refrigerator Fan Motor Propeller. This image shows the white, three-bladed propeller designed for

### 3. COMPATIBLE REFRIGERATOR MODELS

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This fan motor propeller is an original spare part compatible with a wide range of Candy refrigerator models. Please verify your refrigerator's model number against the list below to ensure compatibility:

- 41027845
- 34001248
- CNF 1850
- 34001310 – CRCN 6180 X
- 34001311 – CRCN 6180 W
- 34001386 – CKNE 360
- 34001387 – CKNE 365
- 34001400 – CRCS6185DW
- 34001424 – CRCN 6200 W
- 34001426 – CDNE 063
- 34001489 – CKCN 6182 WE
- 34001491 – CKCF 6182 W
- 34001515 – CKCF 6182 X
- 34001516 – CKCN 6182 XE
- 34001518 – CKCN 6184 XE
- 34001519 – CKCN 6202 XE
- 34001567 – CKCF6184 W
- 34001568 – CKCF6184 X
- 34001598 – CFF 1841 E
- 34001599 – CFF 1846 E
- 34001645 – CKCN 1862 WE
- 34001647 – CKCF 1862 W
- 34001648 – CBCF 6182 W
- 34001649 – CDCF 2186
- 34001650 – CBCF 6252 X
- 34001692 – CKCN 6182 IW
- 34001693 – CKCN 6184 IX
- 34001700 – CKCN 6182 IX
- 34001701 – CKCN 6182 IS
- 34001706 – CKCF 6184 IS
- 34001711 – CKCF 6182 S
- 34001716 – CKCN 6202 IX
- 34900184 – CFBF 3050 AK
- 34900250 – CFBF 3050 EK
- 36057693 – UC CI 654 EX
- 34001252 – HCF 5177 W
- 34001253 – HCF 5177 A
- 34001295 – HNC 182 XE
- 34001297 – HNC 182 WE

- 34001392 – HNC6185 W4
- 34001393 – HNC6185 A4
- 34001394 – HNC6200 A
- 34001395 – HNC6200 W
- 34001494 – HRNC 182 XE
- 34001496 – HRFC 182 X
- 34001520 – HRFC 182 W
- 34001546 – HRNC 202 AE
- 34001547 – HRNC 202 XE
- 34001551 – HRNC 182 WE
- 34001552 – HRNC 182 AE
- 34001558 – HRNC 184 XE
- 34001620 – HNC 6185 WE
- 34001621 – HNC 6200 WE
- 34001622 – HNC 6200 AE
- 34001623 – HNC 6185 AE
- 34001696 – HDCN 182 AD
- 34001697 – HDCN 182 XD
- 34001707 – HDCF 184 AD
- 34001721 – HDCF 182 W
- 34001722 – HDCF 182
- 34001723 – HDCF 182 X
- 34900186 – HFFB 3050 AK
- 34900255 – HFFBP 3050 K

## 4. SETUP AND INSTALLATION

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Replacing a refrigerator fan motor propeller requires careful attention to safety and proper procedure. It is recommended that this procedure be performed by a qualified technician. If you choose to proceed yourself, follow these general guidelines:

1. **Safety First:** Always disconnect the refrigerator from the main power supply before beginning any repair or installation work.
2. **Access the Fan Motor:** Depending on your refrigerator model, the fan motor and propeller assembly may be located in the freezer compartment (behind a panel) or in the machine compartment at the back of the unit. Refer to your refrigerator's specific service manual for exact location and access instructions.
3. **Remove the Old Propeller:** Carefully detach the old propeller from the motor shaft. This may involve unscrewing a retaining nut or gently pulling it off. Note the orientation of the old propeller to ensure the new one is installed correctly.
4. **Install the New Propeller:** Align the new Candy fan motor propeller with the motor shaft. Gently push or secure it into place, ensuring it is firmly seated and spins freely without obstruction.
5. **Reassemble:** Reattach any panels or covers that were removed.
6. **Test:** Reconnect the refrigerator to the power supply. Listen for proper fan operation and check for improved cooling performance.

**Disclaimer:** Improper installation can lead to damage to the appliance or personal injury. If you are unsure about any step, please consult a professional appliance repair technician.

## 5. OPERATING PRINCIPLES

The fan motor propeller is a passive component that functions by circulating air when driven by the refrigerator's fan motor. Its primary role is to:

- **Distribute Cold Air:** Ensure uniform temperature distribution throughout the refrigerator and freezer compartments.
- **Improve Cooling Efficiency:** Facilitate heat exchange by moving air over the evaporator coils.
- **Prevent Frost Build-up:** Aid in the defrost cycle by circulating air to prevent excessive ice formation on evaporator coils.

The propeller operates automatically as part of the refrigerator's cooling cycle, controlled by the appliance's thermostat and control board.

## 6. MAINTENANCE

Regular maintenance of the fan motor propeller is not typically required, as it is designed for long-term operation. However, periodic inspection can help ensure optimal performance:

- **Cleaning:** If accessible, gently clean any dust or debris that may accumulate on the propeller blades. Ensure the refrigerator is unplugged before cleaning. Use a soft cloth or brush.
- **Inspection:** Periodically check the propeller for any signs of damage, such as cracks, bends, or loose mounting. A damaged propeller can cause noise or inefficient air circulation.
- **Motor Check:** While inspecting the propeller, also check the fan motor for excessive noise or vibration, which could indicate a motor issue rather than a propeller issue.

## 7. TROUBLESHOOTING

If your refrigerator is experiencing issues related to air circulation or cooling, the fan motor propeller might be a contributing factor. Consider the following:

- **Unusual Noise:** A rattling, buzzing, or grinding noise coming from the fan area could indicate a loose, damaged, or obstructed propeller.
- **Poor Cooling:** Inadequate air circulation due to a faulty or non-spinning propeller can lead to warm spots in the refrigerator or freezer, or overall inefficient cooling.
- **Fan Not Spinning:** If the fan motor is running but the propeller is not spinning, it may be loose on the shaft or damaged. If the motor is not running, the issue is likely with the motor itself or the control system, not the propeller.

Before replacing the propeller, ensure the fan motor is receiving power and functioning correctly. If the motor is operational but the propeller is compromised, replacement of the propeller is indicated.

## 8. SPECIFICATIONS

Attribute	Detail
Product Type	Refrigerator Fan Motor Propeller
Brand	Candy
Model Number (Propeller)	2129434
ASIN	B01MRJSZ1C

Attribute	Detail
Item Weight	249.48 grams (approx. 0.55 lbs)
First Available Date	September 8, 2018

## 9. WARRANTY AND SUPPORT

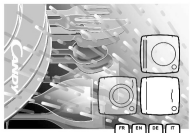

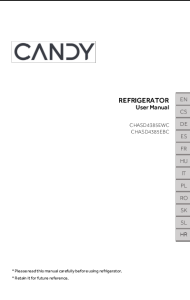
As an original spare part, this propeller is subject to the manufacturer's standard warranty terms for replacement components. For specific warranty details, including coverage period and conditions, please refer to the official Candy website or contact Candy customer support directly.

For information regarding returns or issues with the product as purchased, please consult the return policy of your retailer (e.g., Amazon.it's return policy for items purchased within 30 days).

For technical assistance or further inquiries, please contact Candy customer service or a certified appliance repair professional.

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### Related Documents - 2129434

	<p><a href="#">Manuale d'Uso e Manutenzione Lavastoviglie Candy</a></p> <p>Guida completa per l'utilizzo sicuro ed efficiente della tua lavastoviglie Candy. Include istruzioni su installazione, programmi, manutenzione e risoluzione problemi.</p>
	<p><a href="#">DS18 CANDY-X Series Digital Amplifiers Owner's Manual</a></p> <p>Comprehensive owner's manual for DS18 CANDY-X series digital monoblock and multi-channel car amplifiers. Includes installation, operation, specifications, and troubleshooting guides.</p>
	<p><a href="#">Candy CHASD4385EWC/EBC Refrigerator User Manual</a></p> <p>Comprehensive user manual for Candy CHASD4385EWC and CHASD4385EBC refrigerators, covering installation, operation, maintenance, safety, and troubleshooting. Learn how to use your Candy refrigerator efficiently and safely.</p>



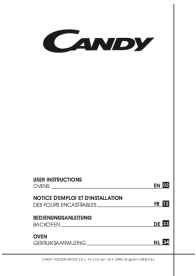
[DS18 CANDY Series Amplifiers Owner's Manual](#)

Comprehensive owner's manual for the DS18 CANDY Series of digital monoblock and multi-channel amplifiers, covering installation, functions, controls, and specifications for models including CANDY-X1B, CANDY-X2B, CANDY-X4B, CANDY-XXL4B, CANDY-X5B, and CANDY-XXL1B.



[DS18 CANDY-X Series Class D Amplifiers Owner's Manual](#)

Owner's manual for DS18 CANDY-X series Class D amplifiers, covering models CANDY-X1B, CANDY-X2B, CANDY-X4B, CANDY-X5B, and CANDY-XXL1B. Includes functions, controls, system wiring diagrams, troubleshooting, and specifications.



[Candy Oven User Manual: Comprehensive Guide to Operation and Maintenance](#)

Official user manual for Candy ovens, providing detailed instructions on safety, installation, operation, cleaning, maintenance, and troubleshooting. Available in English, French, German, and Dutch.