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› RYOBI ONE+ 18V Cordless Hybrid WHISPER SERIES 12 in. Misting Air Cannon Fan Kit User Manual

RYOBI PCL850K1

RYOBI ONE+ 18V Cordless Hybrid WHISPER SERIES 12 in. Misting Air Cannon Fan Kit User Manual

Model: PCL850K1 | Brand: RYOBI

1. INTRODUCTION

Welcome to your new RYOBI ONE+ 18V Cordless Hybrid WHISPER SERIES 12 in. Misting Air Cannon Fan Kit. This manual provides essential information for safe and effective operation, setup, maintenance, and troubleshooting.

2. SAFETY INFORMATION

General Safety Precautions

- Read all instructions before use.
- Do not operate the fan near flammable liquids or gases.
- Ensure proper ventilation when operating indoors (though primarily for outdoor use).
- Keep children and pets away from the fan during operation.
- Always disconnect the battery or power source before cleaning or performing maintenance.
- Avoid direct contact with mist for prolonged periods.
- Do not submerge the fan in water.
- Use only RYOBI ONE+ 18V batteries and chargers.

Electrical Safety

- This is a hybrid unit; it can be powered by an 18V ONE+ battery or an extension cord (via the battery adapter).
- Do not use damaged cords or plugs.
- Keep electrical connections dry. Water and electricity do not mix.

3. PACKAGE CONTENTS

- (1) RYOBI ONE+ 18V Cordless Hybrid WHISPER SERIES 12 in. Misting Air Cannon (Model PCL850)
- (1) RYOBI ONE+ 4.0 Ah Battery (Model PBP005)
- (1) RYOBI ONE+ 18V Charger (Model PCG002)

- (1) Operator's Manual

4. FEATURES

- **WHISPER SERIES:** Designed for quiet operation.
- **High Airflow:** Delivers up to 1,400 CFM for powerful air movement.
- **Extended Spray Range:** Mists up to 15 ft.
- **Hybrid Power:** Operates with any RYOBI 18V ONE+ battery or via an extension cord (using the included adapter).
- **Adjustable Control:** Features HI/LO switch for both fan speed and misting intensity.
- **Easy Water Connection:** Connects directly to a standard garden hose for continuous misting, or draws water from a 5-gallon bucket using the included adapter.
- **Pivoting Head:** Allows for directional airflow and misting.
- **Battery Compatibility:** Included battery and charger are compatible with all RYOBI 18V ONE+ tools.

5. SETUP

Battery Installation

1. Ensure the fan is turned off.
2. Open the battery compartment cover located on the back of the fan.
3. Insert the fully charged RYOBI ONE+ 18V battery into the slot until it clicks into place.
4. Close the battery compartment cover securely.



Image: Rear view of the RYOBI Misting Air Cannon Fan with the battery compartment open, showing where the battery is inserted.

Water Source Connection

1. **For Garden Hose Connection:** Locate the garden hose adapter on the fan. Connect a standard garden hose to this adapter. Ensure a tight seal to prevent leaks.
2. **For 5-Gallon Bucket Use:** Place the fan securely on top of a standard 5-gallon bucket filled with clean water. Connect the bucket adapter hose from the fan's underside into the water in the bucket.





Image: The RYOBI Misting Air Cannon Fan positioned on top of a red 5-gallon bucket, illustrating its use with a water reservoir.

6. OPERATING INSTRUCTIONS

Powering On and Adjusting Fan Speed

- Locate the "FAN" switch on the front control panel.
- Slide the switch to "LOW" for a gentle breeze or "HIGH" for maximum airflow.

Activating and Adjusting Misting Function

- Ensure a water source is properly connected and the fan is running.
- Locate the "MIST" switch on the front control panel.
- Slide the switch to "LOW" for a fine mist or "HIGH" for a more substantial mist.
- **Note:** Misting effectiveness is higher in drier climates.

Adjusting Fan Angle

- Grasp the fan housing and gently tilt it up or down to direct airflow and mist as desired. The pivoting head allows for multiple angles.

Battery Charge Indicator

- The 4 LED lights on the battery indicate the state of charge. Each LED represents approximately 25% charge.

Official Product Video: RYOBI ONE+ 18V Misting Air Cannon Fan Overview

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Video: A detailed overview of the RYOBI ONE+ 18V Misting Air Cannon Fan, demonstrating its features, components, and operation. This video is provided by the seller.

Official Product Video: RYOBI ONE+ 18V Misting Air Cannon Fan Performance Test

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Video: A demonstration of the RYOBI ONE+ 18V Misting Air Cannon Fan's cooling performance in an outdoor setting, including temperature readings at various distances. This video is provided by the seller.

7. MAINTENANCE

Cleaning

- Before cleaning, ensure the fan is off and the battery is removed.
- Wipe down the exterior with a damp cloth. Do not use abrasive cleaners.
- Periodically check misting nozzles for clogs. If clogged, gently clean with a small brush or pin.

Storage

- Drain any remaining water from the fan and hoses before storing.
- Store the fan and battery in a dry, protected area away from extreme temperatures.
- Ensure hoses are coiled neatly in their designated storage area on the fan's underside.

8. TROUBLESHOOTING

Fan Not Turning On

- Check if the battery is fully charged and properly inserted.
- Ensure the "FAN" switch is set to "LOW" or "HIGH".

Misting Not Working or Weak

- Verify the water source is connected and turned on (for garden hose) or the bucket has sufficient water (for bucket use).
- Check if the "MIST" switch is set to "LOW" or "HIGH".
- Inspect misting nozzles for clogs and clean if necessary.
- Ensure the water intake hose (for bucket use) is fully submerged and free of kinks.

Short Run Time

- Ensure the battery is fully charged before use.
- Consider using a higher capacity battery or having a spare charged battery for extended operation.
- Operating on "HIGH" fan and mist settings will consume battery power faster.

9. SPECIFICATIONS

Feature	Detail
Brand	RYOBI
Model Number	PCL850K1
Power Source	18V ONE+ Battery / Extension Cord (Hybrid)
Air Flow Capacity	1400 CFM
Max Spray Range	15 ft
Number of Speeds	2 (Fan: Low/High, Mist: Low/High)
Noise Level	45 Decibels
Product Dimensions	18"D x 10"W x 18"H
Material	Plastic / Metal

10. WARRANTY & SUPPORT

Manufacturer's Warranty

This RYOBI ONE+ 12 in. Hybrid Misting Air Cannon is backed by the RYOBI 3-Year Manufacturer's Warranty.

Customer Support

For further assistance, please refer to the official RYOBI website or contact their customer support line. Keep your purchase receipt for warranty claims.