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Makita DX06

Makita DX06 Dust Extractor Attachment User Manual

Model: DX06

1. Product Overview

The Makita DX06 Dust Extractor Attachment is designed for use with the 18V LXT® Lithium-Ion Cordless Brushless 1" Rotary Hammer (XRH01Z, sold separately). This attachment provides efficient dust collection during drilling operations, ensuring a cleaner work environment and compliance with OSHA Table 1 standards.

Key features include:

- OSHA Table 1 compliant on-board dust extractor with a filter cleaning mechanism.
- Separate motor for the extractor, maintaining peak drilling performance of the rotary hammer.
- Automatic activation with the tool and a 3-second delay to capture residual dust.
- Efficient HEPA filtration system, capturing 99.97% of particulates 0.3 microns and larger.
- Extraction extension allowing drilling up to 3-1/2" deep and up to 15/16" diameter holes.



Figure 1: The Makita DX06 Dust Extractor Attachment, featuring its HEPA filter and transparent dust container.

2. Safety Information

Always observe basic safety precautions when using power tools and accessories to reduce the risk of fire, electric shock, and personal injury. Read all instructions before operating this product.

- **Read Rotary Hammer Manual:** Refer to the instruction manual of your Makita 18V LXT® Lithium-Ion Cordless Brushless 1" Rotary Hammer (XRH01Z) for specific safety warnings and operating instructions.
- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and a dust mask, especially when drilling into concrete or masonry.
- **Secure Attachment:** Ensure the dust extractor is securely attached to the rotary hammer before use. Loose attachments can cause injury or damage.
- **Clear Work Area:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Dust Container:** Regularly check and empty the dust container to maintain optimal suction and prevent overfilling.
- **Filter Maintenance:** Perform filter cleaning as instructed to ensure efficient dust capture. A clogged filter reduces performance and can lead to dust exposure.

3. Setup and Installation

3.1 Unpacking

Carefully remove the DX06 Dust Extractor Attachment from its packaging. Verify that all components are present. The included components are: Dust Case with HEPA Filter Cleaning Mechanism (Part Number: 199588-6).

3.2 Attaching to Rotary Hammer

The DX06 is designed for seamless integration with the Makita 18V LXT® Lithium-Ion Cordless Brushless 1" Rotary Hammer (XRH01Z). Follow these steps to attach the dust extractor:

1. Ensure the rotary hammer is powered off and the battery is removed.
2. Align the dust extractor attachment with the designated mounting points on the rotary hammer.
3. Slide the attachment onto the rotary hammer until it clicks securely into place. Refer to the rotary hammer's manual for specific attachment procedures if necessary.
4. Verify that the attachment is firmly seated and does not wobble.



Figure 2: Proper method for attaching the DX06 Dust Extractor to the compatible rotary hammer.

4. Operation

4.1 Adjusting for Drilling Depth

The DX06 features an adjustable extraction extension to accommodate various drilling depths. This allows for drilling up to 3-1/2 inches deep.

- To adjust the extension, locate the adjustment mechanism on the side of the attachment.
- Press or slide the release lever and extend or retract the dust nozzle to the desired length, ensuring it covers the drilling area effectively.
- Release the lever to lock the extension in place.



Figure 3: The dust extractor's extension mechanism, demonstrating both retracted and extended positions for varying drilling depths.

4.2 Drilling Procedure with Dust Extractor

Once the DX06 is securely attached and adjusted, operate the rotary hammer as usual. The dust extractor is powered by a separate motor, ensuring it does not reduce the rotary hammer's drilling performance.

1. Insert the appropriate drill bit into the rotary hammer.
2. Position the dust extractor's nozzle over the intended drilling spot.

3. Activate the rotary hammer. The dust extractor will automatically begin suctioning dust.
4. Drill into the material. The extractor is designed to capture concrete dust effectively.
5. Upon releasing the trigger, the dust extractor will continue to run for approximately 3 seconds to capture any remaining airborne dust particles.

The DX06 is capable of handling holes up to 15/16" in diameter.

5. Maintenance

5.1 Emptying the Dust Container

The transparent dust container allows for easy monitoring of collected material. Empty the container regularly to maintain optimal suction and prevent overfilling.

1. Ensure the rotary hammer is powered off and the battery is removed.
2. Locate the quick-release mechanism for the dust container.
3. Activate the quick-release and carefully detach the dust container from the main unit.
4. Dispose of the collected dust in accordance with local regulations.
5. Reattach the dust container, ensuring it clicks securely into place.

5.2 HEPA Filter Cleaning Mechanism

The DX06 features an integrated filter cleaning mechanism to help maintain the efficiency of the HEPA filter. This mechanism should be used periodically or when a reduction in suction is noticed.

1. With the dust container attached, locate the filter cleaning knob or lever (refer to the product diagram if available).
2. Operate the cleaning mechanism as directed (e.g., rotate a knob, push a lever) to dislodge dust from the HEPA filter.
3. Empty the dust container after performing the filter cleaning to remove the dislodged dust.

The HEPA filter captures 99.97% of particulates 0.3 microns and larger. Regular cleaning ensures this high level of filtration is maintained.

5.3 General Cleaning

Wipe down the exterior of the dust extractor with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all vents are clear of debris.

6. Troubleshooting

If you encounter issues with your DX06 Dust Extractor Attachment, refer to the following common troubleshooting steps:

- **Reduced Suction:**
  - Check if the dust container is full and empty it if necessary.
  - Perform the HEPA filter cleaning procedure.
  - Ensure the dust extractor is securely attached to the rotary hammer and there are no air leaks.
  - Verify that the dust nozzle is properly extended and positioned over the drilling area.
- **Extractor Not Activating:**
  - Ensure the rotary hammer's battery is charged and properly inserted.
  - Confirm the dust extractor is correctly attached to the rotary hammer.

- If the issue persists, consult the rotary hammer's manual or contact Makita service.

- **Dust Leakage:**
  - Check for any cracks or damage to the dust container or the main housing.
  - Ensure the dust container is properly sealed after emptying.
  - Verify the HEPA filter is correctly seated.

7. Specifications

Specification	Value
Model Number	DX06
Part Number	DX06
Item Weight	3.73 pounds
Product Dimensions	15.5 x 4 x 11.75 inches
Power Source	Hand Powered (via rotary hammer)
Voltage	18 Volts (compatible with 18V LXT® tools)
Included Components	Dust Case with HEPA Filter Cleaning Mechanism (199588-6)
Batteries Included?	No
Batteries Required?	No (powered by rotary hammer battery)
HEPA Filtration Efficiency	99.97% of particulates 0.3 microns and larger
Max Drilling Depth	3-1/2 inches
Max Drilling Diameter	15/16 inches

8. Warranty and Support

This product is sold without an explicit warranty. For any questions regarding the operation, maintenance, or troubleshooting of your Makita DX06 Dust Extractor Attachment, please refer to the official Makita website or contact Makita customer support directly.

For further assistance, visit the official Makita website:www.makitatools.com

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