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Kärcher 1.428-548.0

Kärcher NT 20/1 Me Classic Vacuum Cleaner User Manual

Model: 1.428-548.0

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kärcher NT 20/1 Me Classic Vacuum Cleaner. Designed for professional use, this compact and robust wet/dry vacuum is engineered to meet the demands of construction sites and various cleaning tasks. Please read this manual thoroughly before first use and keep it for future reference.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the appliance.

- **Electrical Safety:** Ensure the power supply matches the voltage specified on the vacuum cleaner's rating plate. Do not operate with a damaged power cord or plug. Always unplug the device before cleaning or maintenance.
- **General Use:** This appliance is intended for professional use. Do not use the vacuum cleaner to pick up flammable or explosive liquids, hot ash, or sharp objects. Always operate on a stable, level surface.
- **Personal Safety:** Keep hands, feet, and loose clothing away from moving parts. Do not allow children to operate the vacuum cleaner. Wear appropriate personal protective equipment (PPE) if necessary.
- **Storage:** Store the vacuum cleaner in a dry, secure place, out of reach of children.

3. Product Overview

The Kärcher NT 20/1 Me Classic is a robust wet/dry vacuum cleaner designed for demanding tasks. Below is an image illustrating the main components of the unit.



Figure 3.1: Kärcher NT 20/1 Me Classic Vacuum Cleaner. This image shows the complete vacuum cleaner unit, including the main canister body, the flexible suction hose, the rigid suction tube, and the floor nozzle. The unit features a grey top housing with a yellow power button and a silver collection tank, mounted on black caster wheels for mobility.

Main Components:

- **Suction Head:** Contains the motor, filter, and control elements.
- **Collection Tank:** For collecting dry debris or liquids.
- **Suction Hose:** Flexible hose for connecting accessories.
- **Suction Tubes:** Rigid tubes that connect to the hose and nozzle.
- **Floor Nozzle:** For general floor cleaning.
- **Caster Wheels:** For easy maneuverability.
- **Power Cable:** For electrical connection.

4. Setup

Follow these steps to prepare your vacuum cleaner for first use.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Attach Caster Wheels:** Insert the caster wheels into the designated slots on the base of the collection tank until they click into place.
3. **Install Filter:** Depending on your intended use (wet or dry vacuuming), ensure the correct filter is installed. For dry vacuuming, a dry filter (e.g., HEPA filter) must be in place. For wet vacuuming, remove the dry filter and ensure the float system is clear.
4. **Assemble Suction System:**
    - Connect the flexible suction hose to the inlet port on the collection tank.
    - Connect the rigid suction tubes to the end of the flexible hose.
    - Attach the desired nozzle (e.g., floor nozzle) to the end of the suction tubes.
5. **Power Connection:** Plug the power cable into a suitable electrical outlet. Ensure the outlet is grounded.

5. Operating

This section details the operation of your Kärcher NT 20/1 Me Classic Vacuum Cleaner for both dry and wet applications.

5.1 Dry Vacuuming

1. Ensure a dry filter (e.g., HEPA filter) is correctly installed.
2. Connect the desired dry vacuuming accessory (e.g., floor nozzle, crevice tool).
3. Press the yellow power button located on the suction head to turn the unit ON.
4. Guide the nozzle over the surface to be cleaned.
5. After use, press the power button again to turn the unit OFF and unplug it from the power outlet.

5.2 Wet Vacuuming

1. **Important:** Remove the dry filter before wet vacuuming to prevent damage. The float system will automatically stop suction when the tank is full.
2. Connect the appropriate wet vacuuming accessory.
3. Press the yellow power button to turn the unit ON.
4. Vacuum liquids. Monitor the tank level; the float will rise and cut off suction when full.
5. After use, turn the unit OFF, unplug, and empty the collection tank immediately. Clean the tank thoroughly.

5.3 Tool Storage and Transport

The NT 20/1 Me Classic features a particularly flat head designed for easy storage and transport of toolboxes.

- Toolboxes can be placed directly on the flat head and secured with a lashing strap (not included).
- An optional adapter plate is available for attaching standard Systainer cases securely.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your vacuum cleaner.

6.1 Cleaning the Collection Tank

- After wet vacuuming, always empty and rinse the collection tank with clean water.
- For dry debris, empty the tank as needed.
- Wipe the tank dry before storing.

6.2 Filter Maintenance

- **Dry Filter:** Regularly check the dry filter for dust accumulation. Tap it gently to dislodge dust or clean according to manufacturer's instructions (e.g., rinsing if washable, or replacing if disposable).
- **Float System:** Ensure the float mechanism for wet vacuuming is clean and moves freely.

6.3 General Cleaning and Storage

- Wipe down the exterior of the vacuum cleaner with a damp cloth. Do not use harsh cleaning agents.
- Store the hose and accessories neatly to prevent kinks or damage.
- Store the unit in a dry, frost-free location.

7. Troubleshooting

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Vacuum cleaner does not turn on.	No power supply; damaged power cord/plug; faulty switch.	Check power outlet and plug. Inspect power cord for damage. If issues persist, contact qualified service personnel.
Low suction power.	Clogged filter; full collection tank; blocked hose/nozzle; air leak.	Clean or replace filter. Empty collection tank. Clear any blockages in hose or nozzle. Check all connections for tightness.
Motor stops during wet vacuuming.	Collection tank is full (float activated).	Empty the collection tank. Ensure the float mechanism is clean and moves freely.
Unusual noise from motor.	Foreign object in motor; motor malfunction.	Immediately turn off and unplug the unit. Inspect for foreign objects. If noise persists, contact qualified service personnel.

8. Specifications

Technical data for the Kärcher NT 20/1 Me Classic Vacuum Cleaner.

Feature	Value
Brand	Kärcher
Model Name	NT 20/1 Me Classic
Item Model Number	1.428-548.0
Special Feature	Compact
Filter Type	HEPA Filter
Included Components	Spray Lance, Hose, Hose Couplings
Is Cordless?	No
Capacity	10 Liters, 20 Liters
Wattage	1500 watts
Form Factor	Cannister
Color	Black With Yellow Accents
Noise Level	70 dB
Manufacturer	Kärcher
Number of Items	1
Controller Type	Push Button
Motor Horsepower	2.011533 horsepower
Style	canisters
Portable	No
Number of Power Levels	1
Indoor/Outdoor Usage	Indoor
Global Trade Identification Number	04039784978508
Product Dimensions	14.76 x 14.17 x 20.47 inches
Item Weight	16.31 pounds
ASIN	B00SHPX3EA
Batteries required	No

9. Warranty and Support

For information regarding warranty coverage, technical support, or spare parts, please refer to the official Kärcher website or contact Kärcher customer service directly. Keep your proof of purchase for warranty claims.

Kärcher Official Website: www.kaercher.com

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