



# OPERATING INSTRUCTIONS

Wet and dry vacuum cleaner

NTS80



Please read this manual before using the product and follow the instructions it contains!

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## FOREWORD

Congratulations on the purchase of your new wet and dry vacuum cleaner. The NTS80 is made of high quality materials, specially designed for durable and reliable use. For your own safety and to ensure proper operation of the cleaning device, be sure to read and follow these operating instructions before using it. Keep these operating instructions.

Check the NTS80 for transport damage. Damaged wet and dry vacuums must not be put into use. The cleaning device is used to remove wet and dry dirt, as well as liquids, from various surfaces and floors without leaving any residue. Improper handling may result in injury or damage to the cleaning device.

Any liability for damages resulting from the improper use of the NTS80 or the disregard of specifications and rules of conduct of this operating manual is excluded. The operator is responsible for ensuring correct use by trained and authorized personnel.

## DEFINITIONS

### AUTHORIZED PERSON

Trained and instructed personnel who use this machine, prepare it for use and provide appropriate, as well as sufficient instructions for operators. These instructions refer to:

1. Mechanics and auxiliary equipment of the device
2. Maintenance and filter changes
3. Causes and prevention of accidents
4. Tasks of the setter
5. Operation

### OPERATOR

Trained personnel authorized by the authorized person to use this machine, among other things, for safe use, setup, maintenance, cleaning, avoiding all hazards. Hazards include, but are not limited to working in an untidy workplace, working with wet hands, inadequate safety equipment.

### INTENDED USE

Use of this machine in accordance with the information provided in these operating instructions.

### CLEANING DEVICE

This wet and dry vacuum cleaner, with the accessories provided.

### PPE

Personal protective equipment, such as safety glasses, hearing protection, safety shoes, protective gloves, protective clothing, etc.

### REASONABLY FORESEEABLE MISAPPLICATION

Use of this device in a manner not intended by the constructor, but which may result from readily foreseeable human behavior.

## TARGET GROUP

Group of persons for whom these operating instructions are intended by the manufacturer (authorized person, operator).

## SAFETY INSTRUCTIONS

- Be sure to read the warning labels on the appliance and the instructions in this manual before use.
- Only operate the cleaning device if you are familiar with it.
- Only use the NTS80 when you have checked that it is in perfect condition.
- Do not use on potentially explosive undergrounds.
- Never sit or stand on the cleaning device.
- This cleaning device is only suitable for 110 V AC, 60 Hz.
- Only use the original accessories supplied.
- Never place the cleaning device directly next to a heater or an oven.
- Do not use harsh cleaners (scouring agents, thinner) to clean the cleaning device. These could attack the plastic surfaces.
- Only use the cleaning device if you are in full possession of your physical and mental abilities and if you are over 18.
- Keep body parts away from the openings of the nozzles. There is a risk of injury.
- Be sure to disconnect the mains plug from the socket before cleaning or maintenance of the cleaning device.
- If the power cord is damaged or loose, it must be replaced by the manufacturer's service department or qualified personnel.
- After using the vacuum cleaner, always disconnect the appliance from the power supply.

## TECHNICAL DATA

### General

Type	Unit	Value
Model		NTS80
Dimensions	"	20.08 x 23.62 x 38.98
Diameter of cylinder body	"	15.94
High of cylinder body	"	23.03
Cable length	"	5.91
Total weight	lbs	50.7
Dust-/ wastewater tank	gal	10.83
Length waste water hose	"	25.20
∅ waste water hose	"	1.38
Length hoover hose	"	92.52
∅ hoover hose	"	1.77

### Performance

Type	Unit	Value
Airflow	gal/s	14.43
Suction power	mbar	150
Suction engine power	W	2 x 700
Sound pressure level	dB (A)	89
Rated voltage	V	120
Frequency	Ah	60

## OVERVIEW OF THE MAIN COMPONENTS



No.	Description
1	Power cable with plug
2	Suction hose
3	Engine cover
4	Handle
5	Toggle switches
6	Swivel castors

No.	Description
7	Waste water hose
8	Suction tube
9	Nozzle
10	Wheel
11	Holder for accessories
12	Clamp

No.	Description
13	Tipping chassis
14	Round nozzle
15	Wet nozzle
16	Flat nozzle
17	Dry nozzle

## NOZZLES

Together with the wet-dry vacuum cleaner, you receive various nozzles that are intended for different purposes. The nozzles can be put on the handle of the suction hose or the telescopic tube before or during vacuuming if necessary.

1. The dry nozzle is suitable for dry and dusty surfaces and is placed on the steel tube.
2. The wet nozzle is suitable for damp to wet surfaces and is placed on the steel tube.
3. The flat nozzle is suitable for edges and joints and is attached directly to the hose.
4. The round nozzle is suitable for sensitive surfaces such as carpet or fabric furniture and is attached to the hose.

## OPERATING INSTRUCTIONS

### BEFORE THE USE

1. Connect the suction hose and the steel pipe.
2. Insert the connector on the other side of the suction hose into the opening of the vacuum cleaner until it clicks into place.
3. Select the desired suction nozzle and attach it to the telescopic tube. The dry and wet nozzle can be plugged onto the steel tube. The flat and round nozzles are plugged directly onto the hose.
4. Unpack the chain at the bottom of the tipping chassis. Without this, there is a risk of static charging.

### DRY VACUUMING



1. Use the filter with the plastic ring for dry vacuuming.



2. Pull the filter with the rubber seal over the plastic ring.



3. Insert the filter and close the cover.

### WET VACUUMING



1. Use the rubber seal with the plastic ring for wet vacuuming.



2. Pull the rubber seal over the plastic ring.



3. Insert the sealing ring and close the cover.



Use the dust filter, if you vacuum dust only. It protects the engine against small particles reliably. Don't use it, if you vacuum large amounts of water or wet dirt. It will otherwise become saturated with liquid very quickly.

## OPERATE THE CLEANING DEVICE

1. Insert the mains plug (1) into a properly installed earthed socket.
2. Switch on the 2 motors, depending on the desired suction power, by pressing the toggle switches (5) on the engine cover (3).
3. Apply the nozzle to the dirty area to clean it.

## PARKING AND STORAGE

1. After use, press the toggle switches (5) to switch off the cleaning device.
2. Unplug the power cable (1) from the socket and roll it up.
3. Hang the power cable (1) on the top of the engine cover (3) from the cleaning device.
4. Remove the metal tube (8) and the accessories (14 - 17) to stow it on the tipping chassis (13).
5. Wrap the hose (2) around the tank and attach it so that it no longer slips.
6. Store the vacuum cleaner in a protected, dry, clean and separate room with usual room temperature.

## EMPTYING DRY DIRT

1. Before emptying the contents, the NTS80 must be disconnected from the power circuit.
2. Place the vacuum cleaner on a flat surface and secure it against rolling away.
3. Detach the hose (2) from the cleaning device with the attached click lock.
4. Remove the engine cover (3) by loosening the clamps (12) and pulling it upwards.
5. Remove the dust filter from the body of the vacuum cleaner.
6. Place a waste bag at the opening and tilt the vacuum cleaner so that the contents of the collection container empty into the bag.
7. Tilt the cleaning device back into an upright position. The bag can now be disposed of.

## EMPTYING LIQUIDS

1. Before emptying the contents, the NTS80 must be disconnected from the power circuit.
2. Drive the vacuum cleaner up to a sewage pipe or other suitable opening where dirty water may be disposed of.
3. Remove the waste water hose (7) on the side of the NTS80.
4. Hold the end of the waste water hose (7) over the opening.
5. Open the cap of the waste water hose (7). Hold the end of the hose over the disposal point until the NTS80 has been completely emptied.
6. Close the cap again and attach the waste water hose to the side of the vacuum cleaner.

## CLEAN / CHANGE FILTER

1. Remove the hose (2) from the body.
2. Open the lid by releasing the clamps (12) on the sides of the engine cover (3) and pulling it upwards.
3. Remove the coarse filter. Open the screw cap to remove the fine filter.
4. Clean the filter. Wash it with a damp cloth if it is heavily soiled.
5. Insert the cleaned filter or a new one and close the cover.

## REGULAR INSPECTIONS



Disconnect the device from the mains power supply before carrying out any maintenance work on it.

### DAILY INSPECTION

- Clean the device in general.
- Release the dirt and waste water from the tank.
- Check the hoses and the tubes for foreign bodies.
- Check the Suction engine. Clean it with a damp cloth. Never use a wet cloth, otherwise the engine could be damaged.
- Check the filter sponge in the engine after suction of water. Let it dry before the next use.

### MONTHLY INSPECTION

- Check the waste water tank for rust, oxidation or leakages.
- Check the hoses and the tubes for damages.
- Check the suction engine. Pay special attention to electrical connections and the toggle switches.
- Check the power cable for damages.

### ANNUAL INSPECTION

- Have the electrical system checked by an electrician.



Clean the device completely, if you store it for a long timespan. Release the waste water and clean also the tank from the inside.



## TROUBLESHOOTING

Problem	Cause	Solution
Cleaning device does not start	The toggle switch is not on the position ON	Push the toggle switch
	Plug is not properly seated in the socket	Push the plug properly into the socket
	Power cable is defect	Check the cable for damage. Contact the customer service, if necessary
Cleaning device switches off automatically	Nozzle is blocked	Press the toggle switch, pull out the mains plug and clean the nozzle
	Motor protection filter clogged and overheating protection activated	Press the toggle switch, pull out the mains plug, let the appliance cool down for at least 1/2 hour and clean the motor protection filter
	Tube or hose is blocked	Press the toggle switch, pull out the mains plug, check the tube or hose for blockages and clean if necessary
Suction power is weak	Dust bag does not sit correctly	Insert the dust bag correctly
	Dust bag / water container is full	Empty container
	Nozzle is not seated correctly	Place the nozzle correctly
	An object blocks the nozzle	Check the respective nozzle and the pipe or hose for blockages. Remove the object
	Filter is not inserted correctly or is dirty	Insert or clean the filter correctly
	Secondary air valve is open	Close the bypass valve
Dust / water leaks from the unit	Dust bag / water container is full	Empty container
	Dust bag does not sit correctly	Insert the dust bag correctly
	Filter is not correctly inserted or dirty	Insert or clean the filter correctly

## SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: [www.topregal.us/en-us/service](http://www.topregal.us/en-us/service)

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