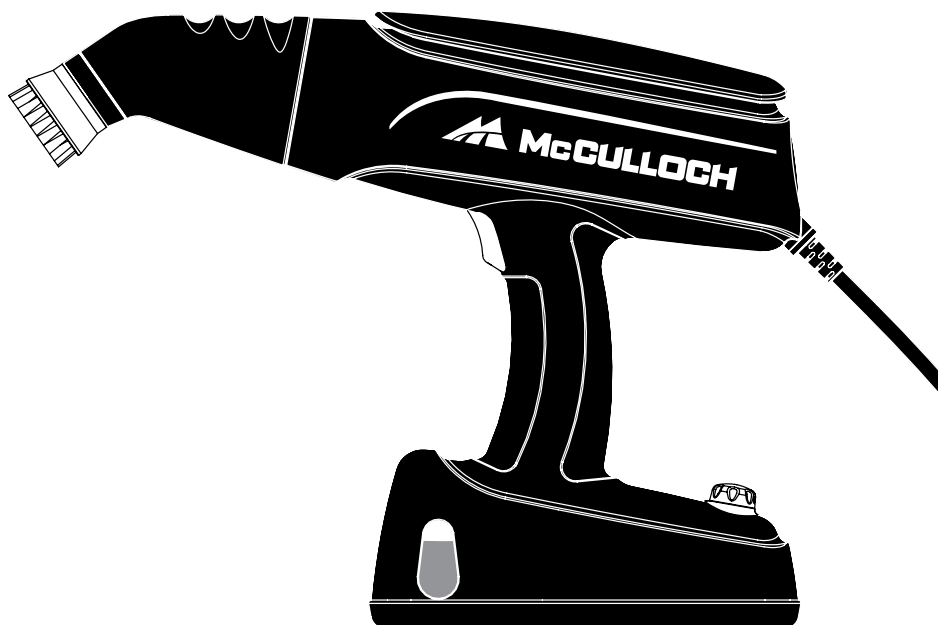




Model MC1245

Rotary Action Steam Cleaner

Owner's Guide



KEEP YOUR RECEIPT FOR WARRANTY PURPOSES

Please read all instructions before use.

IMPORTANT SAFETY INSTRUCTIONS



WARNING: To reduce the risk of fire, electrical shock, or injury, the following basic safety precautions should always be followed when using an electrical appliance.

READ ALL INSTRUCTIONS BEFORE USE

1. The Rotary Action Steam Cleaner Water Tank is designed to hold a maximum of 10 oz. (295 ml.) of water. Unplug electrical cord before filling with water.
2. DO NOT leave your Rotary Action Steam Cleaner unattended when plugged in or not in use. Use only for its intended purpose as indicated in this manual.
3. This unit is not a toy. Close supervision is required when using unit near children, pets, and plants. Steam produced by unit is hot and pressurized. Care must be taken to avoid burns or other injuries. Never point nozzle at people or pets.
4. To reduce the risk of contact with hot water emitting from steam vents, hold appliance away from body and check for signs of condensation or leakage.
5. DO NOT use this unit if electrical cord or outlet is damaged. DO NOT use unit if it is not working properly or has been dropped, damaged or left outdoors. If such damage occurs, DO NOT disassemble or attempt repairs, take unit to a qualified service person for examination and repair. Incorrect reassembly or repair could cause a risk of fire, electrical shock, or injury to persons when steam cleaner is used.
6. To reduce risk of electrical shock, DO NOT immerse in water or other liquids. DO NOT use electrical cord as a handle. DO NOT allow cord to be crimped by closing it in doors. DO NOT pull or stretch cord around sharp corners or edges.
7. Do not allow cord to touch hot surfaces. Let appliance cool completely before putting away. Loop cord loosely around appliance when storing.
8. DO NOT use this unit with extension cords or electrical outlets that have inadequate current capacity. A three-prong outlet or a properly grounded adapter is necessary when using Rotary Action Steam Cleaner.
9. In order to unplug Rotary Action Steam Cleaner, grasp plug and pull smoothly and firmly from outlet. DO NOT attempt to unplug unit by pulling or tugging on cord.
10. Use caution, as burns could occur from touching hot metal parts, hot water or steam.

IMPORTANT SAFETY INSTRUCTIONS



WARNING: To reduce the risk of electrical shock, this appliance has a three-pronged plug. This plug will fit in a polarized wall outlet only one way. If the plug does not fit fully in the outlet, contact a licensed electrician to install a proper outlet. DO NOT attempt to modify the plug or defeat this safety feature.

11. The Rotary Action Steam Cleaner is only meant to be used with recommended Rotary Action Steam Cleaner accessories. Other types of attachments are not to be used with the Rotary Action Steam Cleaner. Doing so may cause injuries or damage to unit.
12. Attachment Collar and attachments become hot during use. To avoid injuries, DO NOT touch Attachment Collar while using this appliance. DO NOT attempt to change attachments while unit is emitting steam.
13. When filling your Rotary Action Steam Cleaner, only water should be used in unit. Other cleaning agents will damage unit and can cause injuries.
14. DO NOT operate unit if steam opening is blocked. Should this occur, immediately cease usage and unplug from electrical outlet.
15. Store your Rotary Action Steam Cleaner in a cool, dry place.

SAVE THESE INSTRUCTIONS FOR HOUSEHOLD USE ONLY

Questions or comments?

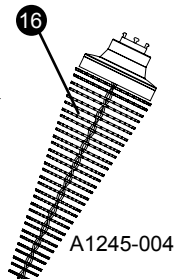
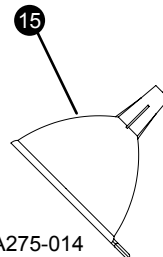
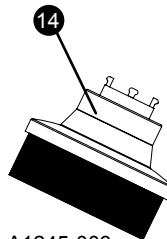
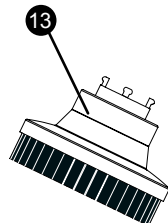
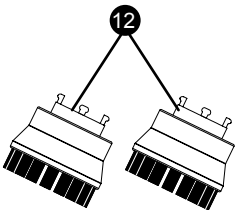
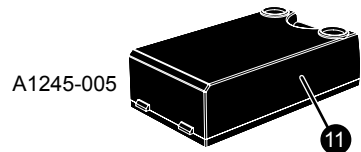
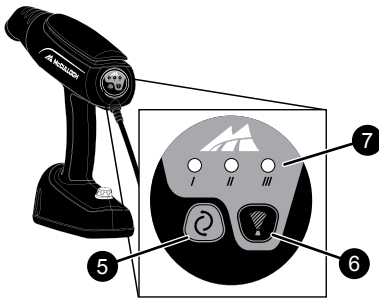
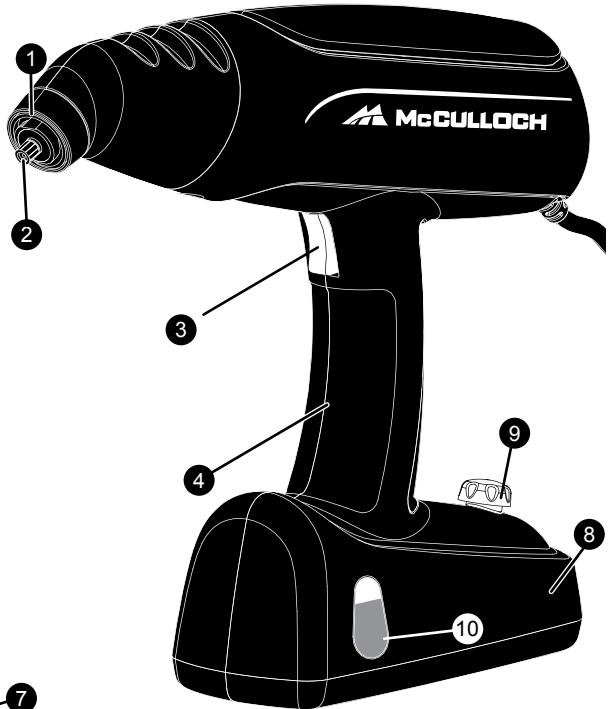
- www.mccullochsteam.com
- consumerservice@mccullochsteam.com
- 1-800-711-6617



The following features and accessories are included with your Rotary Action Steam Cleaner. Carefully inspect the packing material for all parts listed below. To obtain possible missing parts, refer to Product Support on Page 12 of this manual.

UNIT FEATURES & ACCESSORIES

- 1 Attachment Collar
- 2 Steam Outlet Tip
- 3 Steam Trigger
- 4 Handle
- 5 Rotary Action Power Button
- 6 Steam Level Selector
- 7 Steam Level Indicator Lights
- 8 Water Tank
- 9 Water Tank Cap
- 10 Water Tank Window
- 11 Water Treatment Cartridge
- 12 Nylon Brushes (2)
- 13 Large Nylon Brush
- 14 Scrub Pad
- 15 Funnel
- 16 Nylon Cone-Shaped Brush



- The *Attachment Collar* (1) is where the Nylon Brush, Large Nylon Brush, Scrub Pad and Nylon Cone-Shaped Brush connect.
- The *Steam Outlet Tip* (2) emits a flow of hot, penetrating steam. The Nylon Brush, Large Nylon Brush, Scrub Pad and Nylon Cone-Shaped Brush all fit over the Steam Outlet Tip.
- The *Steam Trigger* (3) is pressed to activate the pump mechanism, which transfers water from the Water Tank to the heater. Steam will be released from the Steam Outlet Tip a few seconds after Steam Trigger is pressed. The Steam Trigger can be held down for a sustained flow of steam.
- The *Handle* (4) is designed to stay relatively cool while providing the optimum amount of safety and user comfort.
- The *Rotary Action Power Button* (5) is used to turn on rotary action.

NOTE: Rotary action may be used with or without steam. The rotary direction changes every time the Rotary Action is powered on.

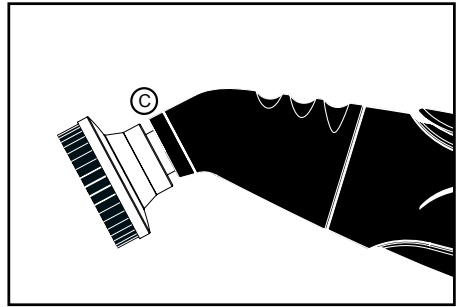
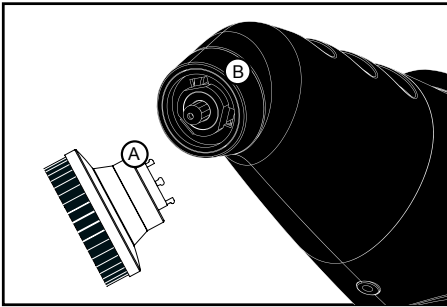
- The *Steam Level Selector* (6) is used to select level of steam output.
- The *Steam Level Indicator Lights* (7) will display low (I), medium (II) and high (III) output of steam.
- The *Water Tank* (8) is the reservoir in which water is stored.
- The *Water Tank Cap* (9) must be removed in order to fill the Water Tank with water. The Water Tank Cap creates a tight seal to prevent spilling water.
- The *Water Tank Window* (10) clearly shows water level.
- The *Water Treatment Cartridge* (11) is inserted into the base of the unit. The Water Treatment Cartridge removes impurities from water to prolong the life of the unit.
- The *Nylon Brushes* (12) connect to the Attachment Collar and is designed to work with steam to remove stubborn stains and grime. It is intended for use on tile, grout, carpet, upholstery, and any other surface that will not be scratched or damaged by the nylon bristles.
- The *Large Nylon Brush* (13) connects to the Attachment Collar and is designed to work with steam to remove large stubborn stains and grime. It is intended for use on tile, grout, carpet, upholstery, and any other surface that will not be scratched or damaged by the nylon bristles.
- The *Scrub Pad* (14) connects to the Attachment Collar and is designed to scrub tough dirt and scuffs from surfaces.
- The *Funnel* (15) makes refilling the water tank easy, without spills.
- The *Nylon Cone-Shaped Brush* (16) connects to the Attachment Collar and is designed to work with steam to remove stubborn stains and grime. It is intended for use in small, hard to reach spaces such as wheels, crevices and any other surface that will not be scratched or damaged by the nylon bristles.

STEAM CLEANING ACCESSORIES

WARNING: Do not connect accessories while unit is emitting steam.

CONNECTING ACCESSORIES

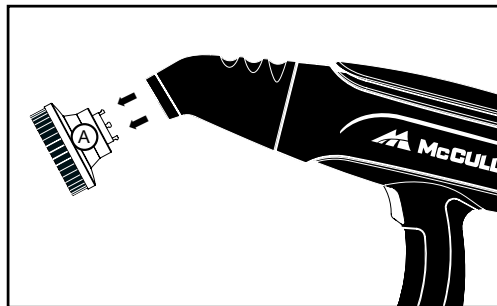
1. Select one of the accessories (Large Nylon Brush shown as example), and align (A) end of accessory with holes inside Attachment Collar (B).
2. Push accessory firmly onto Outlet until prongs snap through holes (C). All prongs must be connected to Attachment Collar for proper connection and to prevent steam leakage.



REMOVING ACCESSORIES

WARNING: Do not remove accessories while unit is emitting steam.

1. To remove accessories, simply grip the attachment (A) firmly and pull away from Attachment Collar.



Nylon Brush	Ovens, stove tops, faucet fixtures, tile, grout, refrigerators, microwaves, showers, bathtubs, doorknobs, waste can, sports equipment, toys and changing tables.
Large Nylon Brush	Large surface areas for ovens, stove tops, faucet fixtures, tile, grout, refrigerators, microwaves, showers, bathtubs, doorknobs, waste can, sports equipment, toys and changing tables.
Nylon Cone-Shaped Brush	Car wheels, BBQ grills and car engines.
Steam Outlet Tip	Removing dirt, grease and grime from cracks and crevices. Defrosting freezers. Dirt and grass in grooves of golf clubs. Dirt and grime in tread of running shoes. Cleaning intricate precious metal and stone jewelry (not pearls or costume jewelry) CAUTION: Hot steam. Do not handle while steaming.
Scrub Pad	Stone, slate, ceramic tile and grout.

ORDERING ACCESSORIES & PARTS

Replacement accessories and parts for your Rotary Action Steam Cleaner (model MC1245) may be ordered through our Website:

www.mccullochsteam.com

You may also contact Consumer Service directly:

consumerservice@mccullochsteam.com or 1-800-711-6617

FILLING WATER TANK

NOTE: This unit features a continuous-fill Water Tank. It does not require any cool down period before refilling.

1. Unplug unit before filling the Water Tank.
2. Remove Water Tank Cap by pulling up on cap.
3. Using funnel, fill Water Tank with 10 oz. (295 ml) of water.

NOTE: While this unit will function correctly using ordinary tap water, it is recommended that distilled or de-mineralized water be used instead. This will help to minimize mineral build-up in the unit and prolong the life of your Rotary Action Steam Cleaner.

4. Once Water Tank is filled, replace Water Tank Cap.
5. To assure water feed pick up ball is in the water, shake the unit vigorously to move ball into water. Once dislodged, you will be able to hear the ball moving loosely.

GENERAL OPERATION

NOTE: Unit will not emit steam without properly installing the Water Treatment Cartridge. Do not operate unit without water. Be sure that any desired attachments are connected before following these steps.

1. Plug grounded power cord into a convenient electrical outlet (make sure to first remove plastic cover that protects plugs during shipping). The Steam Level Indicator Lights will flash while the unit warms up. Allow unit approximately 30 seconds to heat up.

CAUTION: This unit uses a grounded (3-prong) electrical plug. Use only in properly installed 3-prong electrical outlets. Do not attempt to alter plug or circumvent this safety feature in any way.

NOTE: Steam Level Indicator Light is illuminated at all times while unit is plugged in. This unit has no On/Off power switch; it will begin heating immediately upon being plugged in.

2. Once the unit is ready for use, the light will turn solid and default to medium (II) Steam Level.
3. Press the Rotary Action Power Button to power on/off the rotary action (See figure 1, A). The Rotary direction changes each time the Rotary Button is powered "on". This will help prolong the life of the brush. The rotary action can be used without steam.

NOTE: If brush has been stopped while in rotary mode for more than 20 seconds, the rotary motor will stall and need to be reset. See Troubleshooting on Page 11 for instructions. The current Steam Level Indicator Light will flash to indicate rotary motor has stopped and steam will cease.

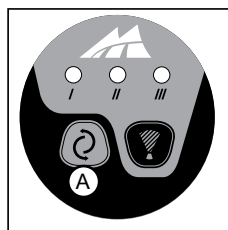


FIGURE 1

4. Press the Steam Level Selector to control the level of steam low (I), medium (II) or high (III) (See figure 2, B). Steam can be used without rotary action.
5. Direct Steam Outlet Tip (or attachment) towards surface you desire to steam, and press Steam Trigger.

NOTE: Test an isolated area of the surface before use. Pressing the Steam Trigger activates the unit's pump, the unit will make a pumping sound. It will take another second or two to begin producing steam. This also means that the unit will continue to produce steam for another second or two after Steam Trigger is released.

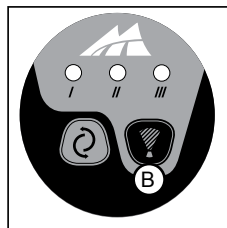


FIGURE 2

6. To sanitize, point Steam Outlet Tip, press Steam Trigger and hold approximately 1/2 inch from surface for at least 5 seconds. This will insure that you have killed germs and bacteria.

CAUTION: Always be sure that Steam Outlet Tip and any attachments are pointed in a safe direction (away from yourself, other people, pets, and plants) before pressing the Steam Trigger.

NOTE: Use care when steaming on surfaces that may be warped or damaged by heat and moisture. Use on these types of surfaces must be limited.

7. Keep Steam Trigger depressed for a continuous flow of steam.

NOTE: During use, you may notice a slight drop in steam pressure, which is normal due to thermostat cycles. If this happens, release Steam Trigger for 10-15 seconds.

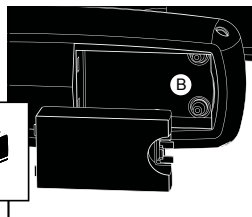
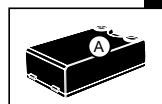
8. Once steaming tasks are complete, immediately unplug grounded power cord from electrical outlet. To store, follow steps under Proper Storage procedure on Page 10 of this manual.

INSTALLING WATER TREATMENT CARTRIDGE

1. The Water Treatment Cartridge is located on the bottom of the Water Tank.

NOTE: The Water Treatment Cartridge must be installed for the Rotary Action Steam Cleaner to function.

2. Insert Water Treatment Cartridge into the unit. Line up the two holes on the Water Treatment Cartridge (A) with the corresponding posts on the Rotary Action Steam Cleaner (B). Insert Cartridge until it snaps into place.



NOTE: Many factors affect the frequency in which the Water Treatment Cartridge will need to be replaced - including amount of use and water hardness. For heavy use, we recommend replacing it approximately every 2 months. For lighter use, replace every 3-4 months. The Water Treatment Cartridge will need to be replaced earlier if you notice reduced steam output.

PROPER STORAGE

Preparing your Rotary Action Steam Cleaner for storage is quick and simple. When you have finished your steaming tasks, follow the steps listed below:

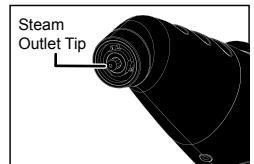
1. Unplug power cord from electrical outlet.
2. Allow unit to completely cool.
3. Remove any attachments from unit.
4. Remove Water Tank Cap and drain any remaining water from Water Tank.
5. Store all attachments safely away, preferably near Rotary Action Steam Cleaner.
6. Store Rotary Action Steam Cleaner in a cool, dry location.

REMOVING MINERAL BUILD-UP

A common problem with steam appliances is mineral build-up caused by high mineral content in many municipal water supplies. The Water Treatment Cartridge will remove most of the minerals from tap water but the best way to avoid this is to use de-mineralized or distilled water in unit. If you are unable to use de-mineralized or distilled water, we recommend you use this procedure below monthly to help avoid mineral build-up:

NOTE: Perform this procedure below before you replace the Water Treatment Cartridge. Running vinegar through the Water Treatment Cartridge will reduce the effectiveness of the Water Treatment Cartridge.

1. Unplug power cord from electrical outlet.
2. Allow unit to completely cool.
3. Remove all accessories from unit.
4. Unscrew Steam Outlet Tip from the Attachment Collar. Remove any debris from Steam Outlet Tip by using a paper clip. Rinse with water to ensure blockage is gone. Set Steam Outlet Tip aside.
5. Remove Water Tank Cap and drain any remaining water from Water Tank into sink or tub.
6. Using a measuring cup, measure 8 oz. (236 ml) of distilled vinegar.
7. Using the Funnel, slowly pour vinegar into Water Tank and replace Water Tank Cap.
8. Plug power cord into an electrical outlet and allow unit to heat up.
9. Set Steam Level Selector to high (III).
10. Hold down Steam Trigger to spray vinegar into a sink or tub. Continue to hold down Steam Trigger until Water Tank is completely drained (approximately 8 minutes).
11. Unplug power cord from electrical outlet.
12. Using the Funnel, fill Water Tank with fresh water and replace Water Tank Cap.
13. Plug power cord into an electrical outlet and allow unit to heat up.
14. Hold down Steam Trigger to spray water into a sink or tub. Continue to hold down Steam Trigger until Water Tank is completely drained (approximately 8 minutes).
15. This will flush out any remaining vinegar solution in unit. Repeat steps 11-14 until vinegar odor dissipates.



16. Reinstall Steam Outlet Tip

17. Dispose of old Water Treatment Cartridge and replace with new one.

Water Treatment Cartridges may be ordered online at mccullochsteam.com or contact Consumer Service at 1-800-711-6617.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Unit fails to heat up.	Unit is not plugged in.	Plug into electrical outlet.
	Household Circuit Breaker / Ground Fault Interrupter has tripped or blown a fuse.	Reset Circuit Breaker / Ground Fault Interrupter, or replace fuse. If you need assistance, contact a licensed electrician.
The unit is heated, but does not produce steam.	Water Tank is empty.	Refill Water Tank using procedures on Page 8 of this manual.
	Mineral build-up in unit.	Follow Removing Mineral Build-Up procedure on Page 10 of this manual.
	Water Treatment Cartridge is not installed correctly.	See Installing Water Treatment Cartridge on page 9 of this manual.
	Water feed pick up ball is not in water.	Shake the unit vigorously until pick up ball is dislodged.
The unit is hot to the touch. Note: The unit will be warm during use.	Water Tank is empty.	Refill Water Tank using procedures on Page 8 of this manual.
Steam output is intermittent.	Mineral build-up in unit.	It is normal for steam pressure to drop periodically for a few seconds. If steam stays off for longer periods, follow Removing Mineral Build-Up procedure on Page 10 of this manual.
Rotary motor has stalled.	Too much force has been put on brush.	Unplug unit for 30 seconds. Plug back into outlet to resume normal operation.



CONSUMER SERVICES

For problems with your Rotary Action Steam Cleaner, please refer to the Troubleshooting guide located on Page 11 of this manual. Additional inquiries should be directed to our consumer support services through our website, www.mccullochsteam.com.

If you do not have internet access, you may also contact our Consumer Service Department by telephone, at 1-800-711-6617.

NOTE: In order for our Consumer Service representatives to help you as quickly and efficiently as possible, please have the following information ready before calling:

- Purchase information (where and when you purchased this product)
- Copy of purchase receipt / proof of purchase
- Product serial number (located on electrical specification label on back of unit)
- Date code (4-digit number located on electrical specification label)

PRODUCT SPECIFICATIONS

MODEL	MC1245
VOLTAGE	120V
POWER	1200W
WATER CAPACITY	10 oz. (295 ml)
HEATING TIME	30 sec. (approximate)
CONTINUOUS STEAM TIME	20 min. (low) / 8 min. (high) (approximate)
UNIT WEIGHT	3.25 lbs. (1.5 kg.)
UNIT DIMENSIONS	13.5" x 3" x 11.5" (34.3 cm x 7.6 cm x 29.2 cm)



1-YEAR LIMITED WARRANTY

What is covered

Manufactured by Vornado Air, LLC, under license from Husqvarna AB (publ). Subject to the terms and conditions of this 1-Year Limited Warranty ("Warranty") as set forth below, Vornado warrants to the original consumer or purchaser ("Buyer") that this McCulloch®-branded steam product, excluding all accessories and attachments, (the "Product") is to be free from defects in material and workmanship for a period of one (1) year from the date of purchase when used and maintained in accordance with the Owner's Guide (the "Warranty Period").

In the event Buyer notifies Vornado of a defect in the Product within the Warranty Period, Vornado will replace the Product and/or defective component parts, as applicable and necessary. Any such replacement will be made at no charge to Buyer for parts or labor, provided that Buyer shall be responsible for all shipping and transportation costs associated with returning the Product to Vornado for inspection and covered replacement.

What is not covered

This Warranty shall not be applicable to damage or loss caused in whole or in part by:

- Repairs, modifications or alterations to the Product by anyone other than Vornado.
- Use or operation of the Product outside the permitted or intended uses described by Vornado in the Owner's Guide, or other careless operation, handling, misuse, or abuse of the Product.
- Lack of proper maintenance or timely cleaning of the Product as specified in the Owner's Guide.
- Use of the Product other than for normal household purposes.

- Normal wear and tear.
- Used consumable parts, accessories and attachments, including, but not limited to, brushes, hangers, scrub pads and mop pads.
- Use of parts and accessories other than those produced or recommended by Vornado.
- Cosmetic damage, such as scratches, nicks and dents.
- Damage caused by accident, water, flood, fire or other acts of nature or external causes.

Warranty limitations and exclusions

- NO OTHER EXPRESS WARRANTY IS GIVEN BY VORNADO TO BUYER AND NO REPRESENTATIVE HAS THE AUTHORITY TO MAKE REPRESENTATIONS OTHER THAN THOSE PROVIDED HEREIN.
- THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF AND ALL IMPLIED WARRANTIES, SPECIFICALLY THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY LIMITED TO THE DURATION OF THE WARRANTY PERIOD, UNLESS A SHORTER PERIOD IS PERMITTED BY LAW.
- VORNADO'S REPLACEMENT OF THE PRODUCT IS THE EXCLUSIVE REMEDY. UNDER NO CIRCUMSTANCES SHALL VORNADO BE LIABLE TO BUYER OR ANY OTHER PERSON FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR OTHER DAMAGES, EVEN IF VORNADO HAS BEEN ADVISED OF OR COULD REASONABLY FORESEE THE POSSIBILITY OF SUCH DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGE, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT OR UNDER ANY OTHER THEORY OF LAW.
- THIS WARRANTY GIVES BUYER SPECIFIC LEGAL RIGHTS. BUYER MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE-TO-STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, AND SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO BUYER.

How do you register the Warranty

Buyer must complete an application to register this Warranty within sixty (60) days following date of purchase. Buyer may either visit Vornado's website at www.mccullochsteam.com and complete an online application or mail a completed application to Vornado. Failure to register this Warranty within sixty (60) days following date of purchase will render this Warranty null and void.

Warranty service

For warranty service, call 1-800-711-6617 or email consumerservice@mccullochsteam.com to obtain a Return Authorization ("RA") form. Include the Product model number and serial number, as well as Buyer's name, address, city, state, zip code and phone number when contacting Vornado for warranty service. Buyer may be required to provide the original sales receipt for purposes of verifying date of purchase. After receiving the RA form, the Product must be shipped, postage prepaid by Buyer, to:

Vornado Air, LLC
Attn: Warranty & Repair
415 E. 13th Street
Andover, KS 67002

To assure proper handling, packages must be clearly marked with the RA number. Packages not clearly marked with the RA number may be refused at the receiving dock.

Important: After receiving return authorization, carefully pack the Product to avoid damage in shipping. Damage in shipping is not covered by the Warranty and shall be the sole responsibility of Buyer. Damage or loss not covered by this Warranty or occurring outside the Warranty Period will require a fee to cover the cost of handling and shipping. All such fees and costs shall be the sole responsibility of Buyer.

Please allow at least 1-2 weeks for return of the Product after it is received by Vornado. For ease of recordkeeping, it is recommended that Buyer staple or attached the original sales receipt to this Owner's Guide and record the Product serial number (located on the Product specifications decal) here:



review this product online
evalúe este producto en línea
évaluer ce produit en ligne

www.mccullochsteam.com/reviews

Manufactured by Vornado Air LLC under license from Husqvarna AB (publ).

For more information on other McCulloch products,
visit www.mcculloch.com

For questions, or comments or warranty information,
call 1-800-711-6617 or visit www.mccullochsteam.com