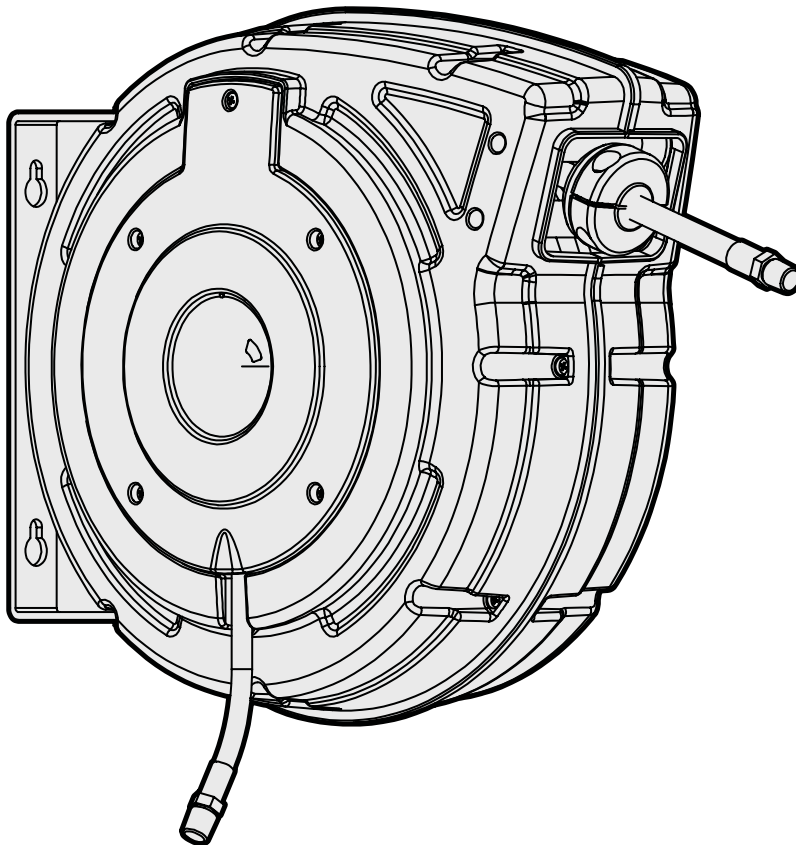




MODEL AH500E

50-FOOT RETRACTABLE AIR HOSE REEL

Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:



1-847-429-9263 (M-F 8AM-5PM CST)



TECHSUPPORT@WENPRODUCTS.COM

IMPORTANT: Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.

For replacement parts and the most up-to-date instruction manuals, visit ***WENPRODUCTS.COM***

CONTENTS

WELCOME 3

Introduction	3
Specifications.....	3

SAFETY 4

General Safety Rules	4
Air Hose Safety Warnings	6

BEFORE OPERATING 6

Know Your Air Hose Reel	6
Assembly & Adjustments	8

OPERATION & MAINTENANCE 9

Operation	9
Maintenance.....	9
Exploded View & Parts List.....	10
Warranty Statement	12

To purchase accessories and replacement parts for your tool, visit **WENPRODUCTS.COM**

6-Gallon Oil-Free Pancake Style Air Compressor (**Model AP6092**)
25-Foot by 3/8-Inch 300 PSI Hybrid Polymer Pneumatic Air Hose (**Model AH3825**)
50-Foot by 3/8-Inch 300 PSI Hybrid Polymer Pneumatic Air Hose (**Model AH3850**)
100-Foot by 3/8-Inch 300 PSI Hybrid Polymer Pneumatic Air Hose (**Model AH3800**)

INTRODUCTION

Thanks for purchasing the WEN Air Hose Reel. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.

 Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock or personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

At WEN, we are continuously improving our products. If you find that your tool does not exactly match this manual, please visit **wenproducts.com** for the most up-to-date manual or contact our customer service at **1-847-429-9263**.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

SPECIFICATIONS

Model Number	AH500E
Maximum Pressure	300 PSI
Working Temperature	-14°F - 149°F
Hose Inner Diameter	3/8 in.
Hose Length	50 ft.
Hose Inlet / Outlet	1/4 NPT
Product Weight	13.9 lbs.
Product Dimensions	17.5 in. x 10.3 in. x 7.5 in.

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

WORK AREA SAFETY

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- 3. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- 3. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- 5. When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- 6. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- 1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- 2. Use personal protective equipment. Always wear eye protection.** Protective equipment such as a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
- 3. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- 4. Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

1. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

2. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

3. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

4. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

5. Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7. Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

8. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

9. KEEP GUARDS IN PLACE and in working order.

SERVICE

1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

AIR HOSE SAFETY WARNINGS

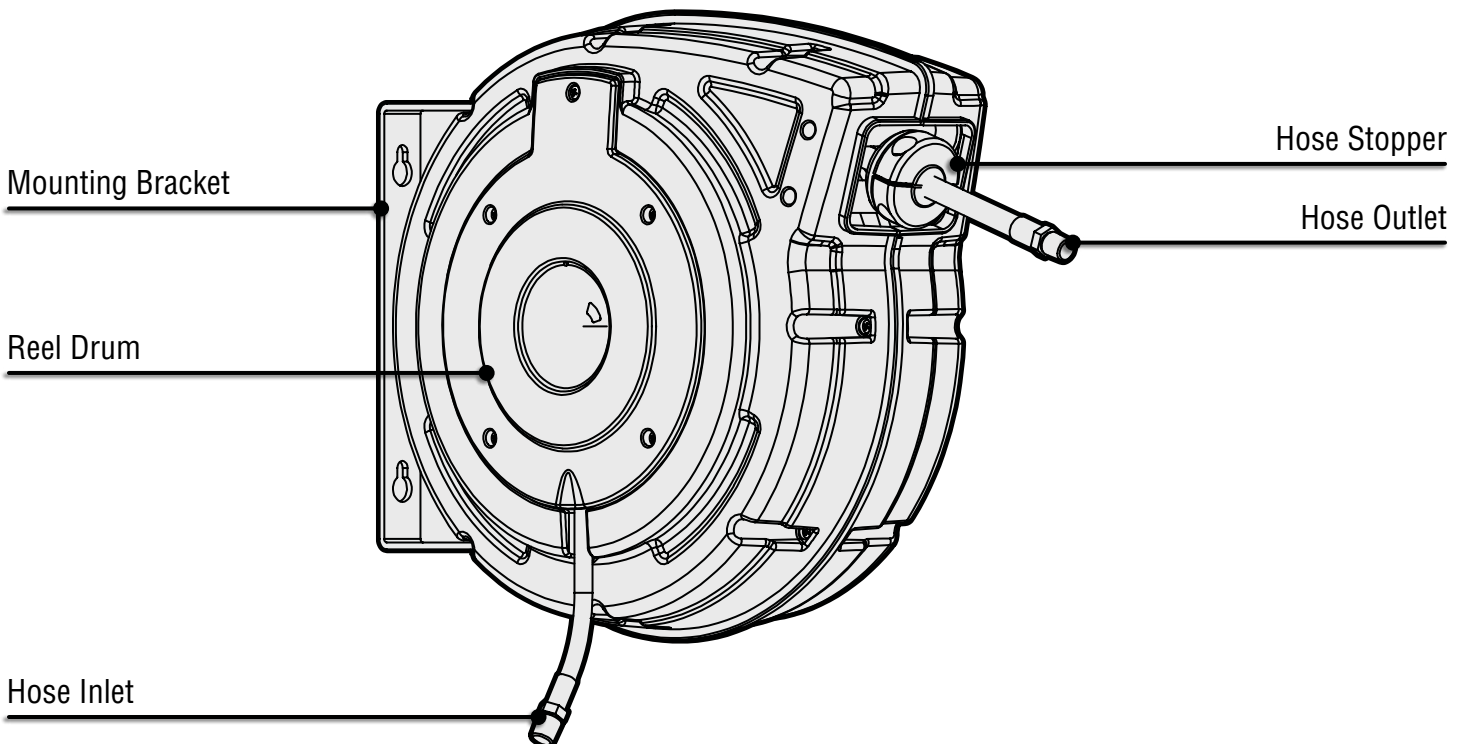
⚠ WARNING! Do not let comfort or familiarity with the product replace strict adherence to product safety rules. Failure to follow the safety instructions may result in serious personal injury.

AIR HOSE SAFETY

1. Use proper eye protection when assembling and operating the hose reel.
2. Keep children away from the work area.
3. Personal injury and/or equipment damage may result if proper safety precautions are not observed.
4. Ensure that the reel is properly installed before connecting the input and output hoses.
5. Bleed fluid/gas pressure from the system before servicing the reel.
6. Before connecting the reel to the supply line, ensure that the pressure does not exceed the maximum working pressure rating of the reel (300 PSI).
7. Remember that even low pressure is very dangerous and can cause personal injury or death.
8. If a leak occurs in the hose or reel, remove the system pressure immediately.
9. Ensure that any electrical equipment (compressors, etc.) being used has been properly grounded.
10. If the reel ceases to unwind or rewind, remove the system pressure immediately.
11. Do not pull or jerk on the hose.

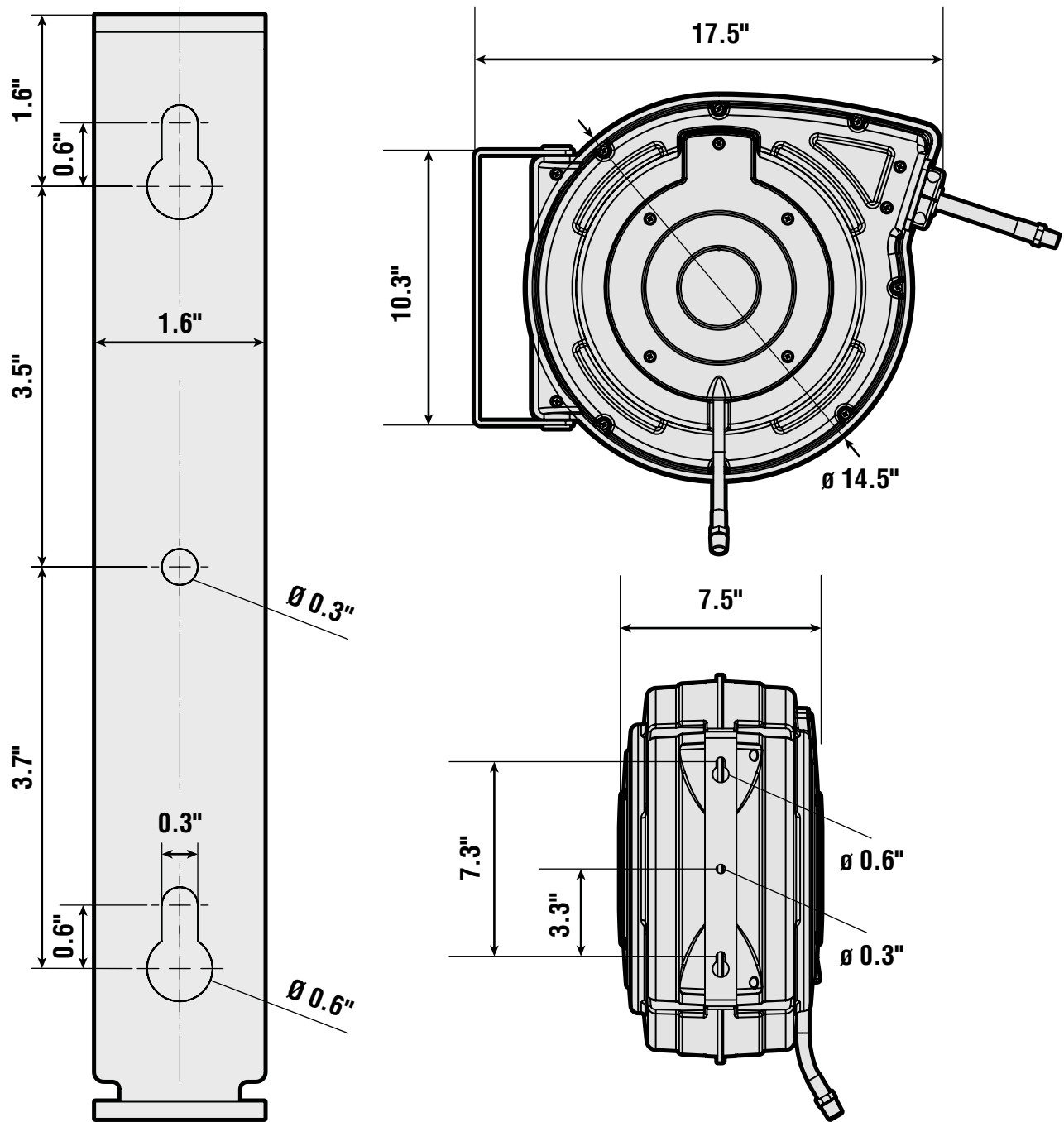
KNOW YOUR AIR HOSE REEL

Refer to the following diagram to become familiarized with all the parts and controls of your air hose reel. The components will be referred to later in the manual for assembly and operation instructions.



KNOW YOUR AIR HOSE REEL

DIMENSIONS



ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, be sure that the tool is switched OFF and disconnected from the power supply before inspecting the unit, making adjustments, or changing accessories.

INSTALLING THE AIR HOSE REEL

1. Before beginning operation, make sure that the air compressor pressure doesn't exceed the maximum working pressure of the hose reel (300 PSI).
2. Unpack and inspect reel for any damaged or missing parts.
3. For overhead ceiling mounting, install the hose reel no higher than 10 feet (3 meters) above the floor.
4. Mounting hardware is not included with the unit. The mounting base has three 8.5mm holes for mounting. We recommend M8 or 5/16 in. mounting screws. Make sure to use the appropriate fasteners for the surface the reel is to be mounted to (wood, concrete, etc.)
5. Using the three holes in the mounting base, mount the hose reel in the desired location. Be sure to use the appropriate hardware and tighten securely. Do not mount the hose reel directly to drywall or plaster; mount only to wood, concrete, or other stable surfaces.

CONNECTING YOUR AIR COMPRESSOR

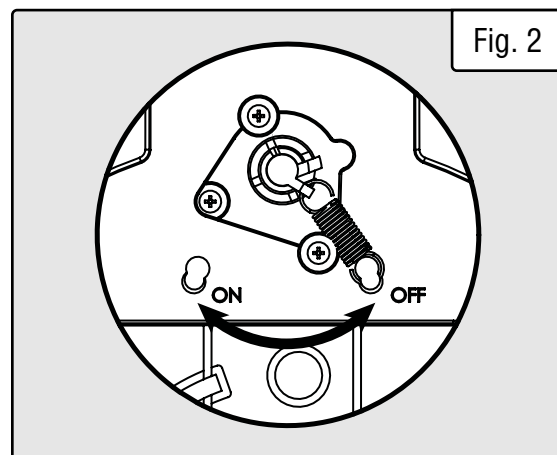
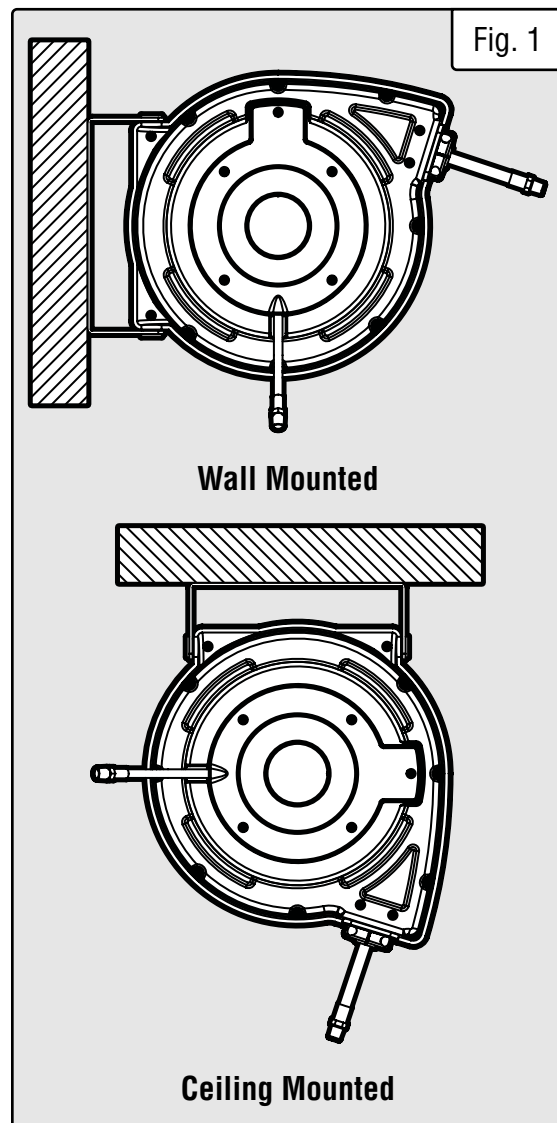
1. Apply thread sealing tape to the supply line threads.
2. Attach the air compressor line to the hose reel inlet and tighten.
3. Connect the other end of the supply line to your air compressor.

CONNECTING YOUR AIR TOOL

1. Apply thread sealing tape to the outlet fitting on the hose reel and attach it to your desired tool or nozzle.
2. Check the connection for any leakage.

HOSE REEL ADJUSTMENTS

1. If the hose stopper needs any adjustment, pull the hose from the reel and allow it to latch at the desired length. Loosen the bolts on the stopper and slide the stopper to a position close to the hose guide. Tighten the stopper bolts and unlatch the reel.
2. Move the latch spring to the left to lock the hose at any desired length (Fig. 2).
3. Move the latch spring to the right to unlock the hose.



OPERATION

 **WARNING!** To avoid injury from accidental startups, be sure that the tool is switched OFF and disconnected from the power supply before inspecting the unit, making adjustments, or changing accessories.

OPERATING THE HOSE REEL

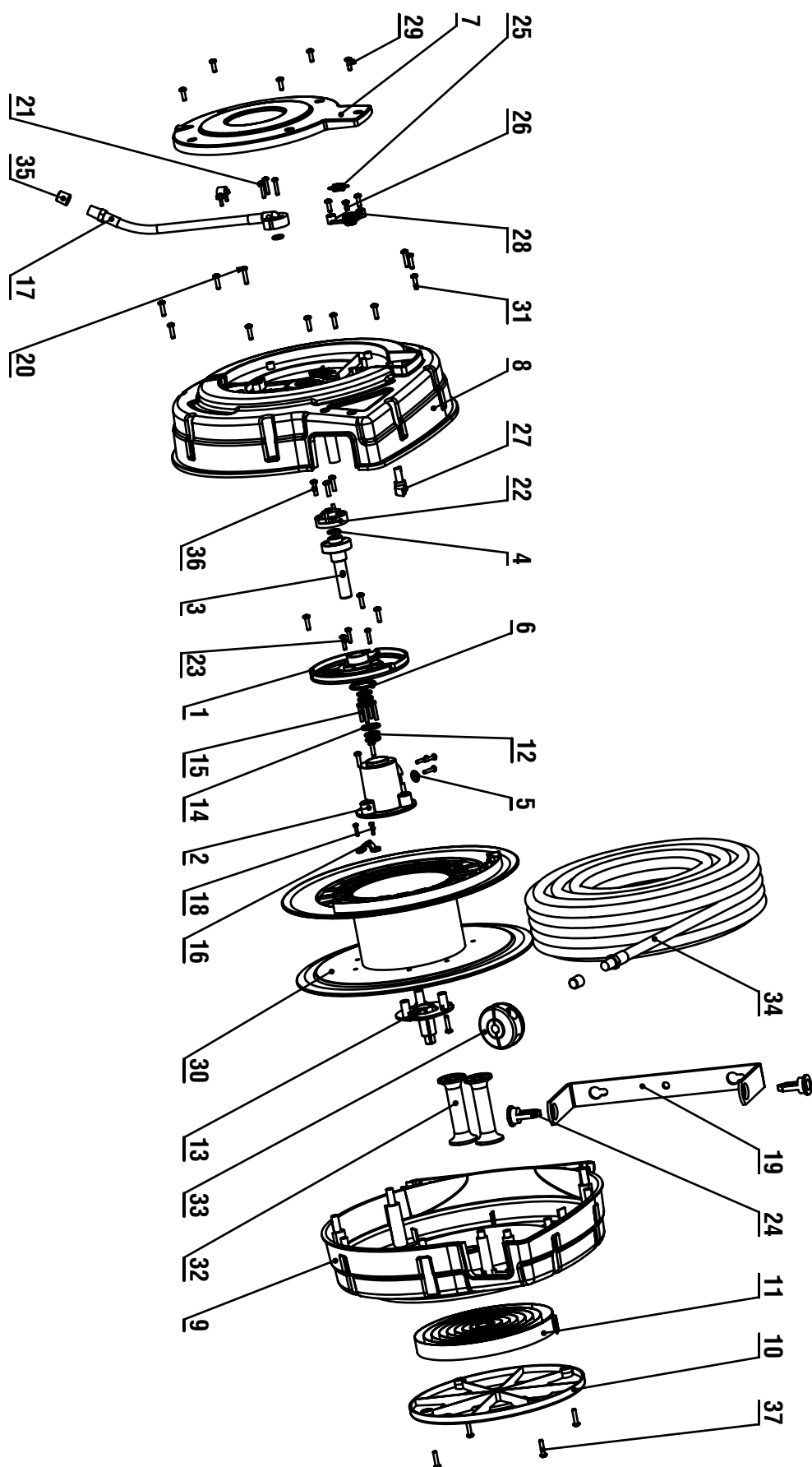
1. Check that the hose reel is operating correctly by slowly pulling out hose. A clicking noise should be heard every half revolution of the drum.
2. To latch the hose reel, pull the hose out and allow it to retract after hearing the first, second, or third click.
3. To unlatch the hose reel, slowly pull the hose out until the clicking noise stops. Let the hose retract slowly until the hose stopper rests against the hose guide.

MAINTENANCE

MAINTENANCE

1. Make sure the hose is in proper working order.
2. Only clean the hose with a clean cloth and warm water to remove dirt or deposits. Do not use detergents or solvents.
3. Only have the unit serviced by professional skilled personnel.

EXPLODED VIEW & PARTS LIST



EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
1	AH500E-001	Bushing	1
2	AH500E-002	Swivel Body	1
3	AH500E-003	Swivel Spool	1
4	AH500E-004	O-Ring, 10.77x2.62	1
5	AH500E-005	O-Ring, 9.19x2.62	2
6	AH500E-006	O-Ring, 28.24x2.62	1
7	AH500E-007	Small Left Cover	1
8	AH500E-008	Left Cover	1
9	AH500E-009	Right Cover	1
10	AH500E-010	Small Right Cover	1
11	AH500E-011	Main Spring	1
12	AH500E-012	O-Ring, 13.94 x 2.62	4
13	AH500E-013	Axle	1
14	AH500E-014	Retainer	1
15	AH500E-015	Retainer Base	1
16	AH500E-016	Clamp	2
17	AH500E-017	Lead-In Hose Assembly	1
18	AH500E-018	Flat-Head Self-Tapping Screw, ST2.9x13	4
19	AH500E-019	Bracket	1
20	AH500E-020	Flat-head Self-Tapping Screw, ST4.2x22	3

No.	Part No.	Description	Qty.
21	AH500E-021	Flat-head Self-Tapping Screw, ST3.5x19	3
22	AH500E-022	Connector	1
23	AH500E-023	Flat-head Self-Tapping Screw, ST3.5x16	6
24	AH500E-024	Pin	2
25	AH500E-025	Ratchet Spring	1
26	AH500E-026	Flat-head Self-Tapping Screw, ST4.2x9.5	1
27	AH500E-027	Ratchet Pawl	1
28	AH500E-028	Ratchet Base	1
29	AH500E-029	Flat-head Self-Tapping Screw, ST4.2x13	7
30	AH500E-030	Drum	1
31	AH500E-031	Flat-head Self-Tapping Screw, ST4.2x16	14
32	AH500E-032	Roller	2
33	AH500E-033	Stopper Assembly	1
34	AH500E-034	Hose Assembly	1
35	AH500E-035	Protector Cap	2
36	AH500E-036	Screw M4x16	3
37	AH500E-037	Y-shaped Screw	4

NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship during personal use for a period of two (2) years from date of purchase or 500 hours of use; whichever comes first. Ninety days for all WEN products if the tool is used for professional or commercial use. Purchaser has 30 days from the date of purchase to report missing or damaged parts.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the replacement of parts, without charge, which are defective in material or workmanship and which have not been subjected to misuse, alteration, careless handling, misrepair, abuse, neglect, normal wear and tear, improper maintenance, or other conditions adversely affecting the Product or the component of the Product, whether by accident or intentionally, by persons other than Seller. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of Purchase must be a direct vendor of Great Lakes Technologies, LLC. Purchasing through third party vendors, including but not limited to garage sales, pawn shops, resale shops, or any other secondhand merchant, voids the warranty included with this product. Contact techsupport@wenproducts.com or 1-847-429-9263 with the following information to make arrangements: your shipping address, phone number, serial number, required part numbers, and proof of purchase. Damaged or defective parts and products may need to be sent to WEN before the replacements can be shipped out.

Upon the confirmation of a WEN representative, your product may qualify for repairs and service work. When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge for addresses within the contiguous United States.

THIS LIMITED WARRANTY DOES NOT APPLY TO ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME, INCLUDING BELTS, BRUSHES, BLADES, BATTERIES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO ITEMS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE. FOR WARRANTY PARTS OR PRODUCTS REPAIRED UNDER WARRANTY SHIPPING TO ADDRESSES OUTSIDE OF THE CONTIGUOUS UNITED STATES, ADDITIONAL SHIPPING CHARGES MAY APPLY.