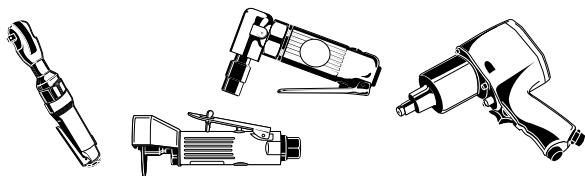


Safety Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate, or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.



Air Tools

Unpacking

When unpacking this product, carefully inspect for any damage that may have occurred during shipping.

General Safety Information

This product is part of a high pressure system. Follow these safety precautions and safety rules at all times.

- Carefully Read all manuals included with this product. Be thoroughly familiar with the controls and the proper use of the equipment.
- Only persons well acquainted with these rules of safe operation should use the air tool.



CAUTION Do not exceed the maximum operating pressure of the air tool (90 psi). Doing so can reduce the life of the tool.

- Do not exceed any pressure rating of any component in the system. Maximum operating pressure of 90 psi is measured at the tool inlet while the tool is running. The pressure drop between the compressor and tool needs to be compensated for at the compressor.
- Disconnect the air tool from the air supply before changing tools or attachments. Disconnect the air tool from the air supply when servicing the tool and during non-operation.

WARNING
Wear Safety glasses and ear protection during operation.



WARNING
When operating a sander, wear safety glasses, ear protection, and a respirator.



- Do not wear loose fitting clothing, scarves, neck ties, or jewelry when operating any tool. Loose clothing or jewelry may become caught in moving parts and result in serious personal injury.
- Do not depress the trigger when connecting the air supply hose.
- Always use attachments designed for use with air powered tools. Do not use damaged or worn attachments.

WARNING Do not use hand-tool sockets. Use impact quality sockets only. Hand tool sockets are "glass-hard" and will shatter and can cause serious personal injury if used with air tools.

- Never trigger the tool when not applied to a work object. Attachments must be securely attached. Loose attachments can cause serious injury.
- Protect air lines from damage or puncture.
- Never point an air tool at yourself or any other person. Serious injury can occur.
- Check air hoses for weak or worn condition before each use. Make sure all connections are secure.

WARNING
Release all pressure from the system before attempting to install, service, relocate, or perform any maintenance.



- Keep all nuts, bolts, and screws tight and ensure the equipment is in safe working condition.
- Do not put hands near or under moving parts.
- Always secure the workpiece in a vise or clamp.
- Do not place hands on the back cylinder when operating the tool.

WARNING Make sure the attachment stem is fully inserted into the collet opening and the collet is securely tightened. Loose attachments could fly off during operation and cause serious injury. Only use attachments rated for a minimum of 25,000 RPM.

WARNING Do not misuse this product. Excessive exposure to vibration, work in awkward positions, and repetitive work motions can cause injury to hands and arms. Stop using any tool if discomfort, numbness, tingling, or pain occur, and consult a physician.

WARNING Cut-off tools produce sparks. Do not use cut-off tools near flammable materials. Cut-off wheels must be securely fastened to the tool. Only use cut-off wheels rated at 23,000 RPM or higher. Cut-off wheels must be centered and securely tightened. Do not use cracked or chipped cut-off wheels.



Operation

LUBRICATION

Air tools require lubrication throughout the life of the tool. Proper lubrication is the owner's responsibility. Use Campbell Hausfeld airtool oil (Part

Operation (Continued)

No. ST127000AV) to lubricate, clean, and inhibit rust in one step. Failure to lubricate and maintain air tool properly will dramatically shorten the life of the tool and will void the warranty.

CAUTION

This air tool requires

lubrication before initial use and before and after each additional use.

The air motor must be lubricated daily. Follow these procedures to oil the air tool:

1. Disconnect the tool from the air supply.
2. Turn the air tool upside down.
3. While pulling trigger, pour a teaspoon of Campbell Hausfeld oil in the air inlet.

WARNING

Cover exhaust port with a towel

before applying air pressure. Oil will discharge through exhaust port during first few seconds of operation after an airtool has been lubricated. Failure to cover exhaust port can result in serious injury.

4. Release trigger and connect air tool to air supply. Cover exhaust port with a towel then run air tool for 20 to 30 seconds. Oil will discharge from exhaust port when air pressure is applied. Continue to run the air tool until no oil is discharged. Wipe all residual oil off of the tool before you use it.

WARNING

Never carry a tool by the hose or pull

the hose to move the tool or a compressor. Keep hoses away from heat, oil, and sharp objects. Replace any hose that is damaged, weak, or worn.

Storage

Lubricate the air tool before storing it. Follow the air motor lubrication instructions below.

WARNING

Disconnect air tool from air supply

before lubricating.

1. Turn air tool upside down.
2. While pulling the trigger, pour a teaspoon of Campbell Hausfeld oil in air inlet.

WARNING

Cover exhaust port with a towel

before applying air pressure. Oil will discharge through exhaust port during first few seconds of operation after an airtool has been lubricated. Failure to cover exhaust port can result in serious injury.

3. Connect the air tool to air supply and cover the exhaust port with a towel. **Run the air tool for only 2 to 3 seconds** because more oil needs to remain in the air tool when it's stored.

Technical Service

For information regarding the operation or repair of this product, please call 1-800-543-6400. If you are calling from Ohio or outside the continental United States, please call collect: 1-513-367-1182.

Troubleshooting Chart

Symptom	Possible Cause(s)	Corrective Action
Tool runs slowly or will not operate	1. Grit or gum in tool	1. Flush the tool with Campbell Hausfeld air tool oil, gum solvent, or an equal mixture of SAE 10 motor oil and kerosene. If Campbell Hausfeld oil is not used, lubricate the tool after cleaning
	2. No oil in tool	2. Lubricate the tool according to lubrication instructions in Operation section
	3. Low air pressure	3. a. Adjust the regulator on the tool to the maximum setting b. Adjust the compressor regulator to tool maximum while the tool is running free
	4. Air hose leaks	4. Tighten and seal hose fittings if leaks are found
	5. Pressure drops	5. a. Be sure hose is properly sized. Long hoses or tools using large volumes of air may require a hose with an I.D. of 1/2" or larger depending on total hose length b. Do not use a multiple number of hoses connected together with quick connect fittings. Using multiple hoses and quick connects will cause additional pressure drops and reduces the tool power. Directly connect the hoses together
	6. Worn ball bearing in motor	6. Remove and inspect bearing for rust, dirt, grit, or worn race. Clean and regrease bearing with bearing grease
Moisture blowing out of tool	1. Water in tank	1. Drain tank (See air compressor manual). Oil tool and run until no water is evident. Oil tool again and run 1-2 seconds
	2. Water in the air lines/hoses	2a. Install a water separator/filter. NOTE: Separators work properly only when air steam is cool. Locate separator/filter as far as possible from compressor
		2b. Install an air dryer
		2c. If the original separator will not separate all the water from the air, install a Campbell Hausfeld belt air filter (MP2121)

Limited Warranty

1. DURATION: 90 days from the date of purchase by the original purchaser.
2. WHO GIVES THIS WARRANTY (WARRANTOR): Campbell Hausfeld / Scott Fetzer Company, 100 Production Drive, Harrison, Ohio, 45030, Telephone: (800) 543-6400
3. WHO RECEIVES THIS WARRANTY (PURCHASER): The original purchaser (other than for purposes of resale) of the Campbell Hausfeld product.
4. WHAT PRODUCTS ARE COVERED BY THIS WARRANTY: Any Campbell Hausfeld nailer, stapler, air tool, spray gun, inflator or air accessory supplied or manufactured by Warrantor.
5. WHAT IS COVERED UNDER THIS WARRANTY: Substantial defects in material and workmanship which occur within the duration of the warranty period.
6. WHAT IS NOT COVERED UNDER THIS WARRANTY:
 - A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this product is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Some States do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.
 - B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
 - C. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with product. Accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions shall also include the removal or alteration of any safety devices. If such safety devices are removed or altered, this warranty is void.
 - D. Normal adjustments which are explained in the owner's manual(s) provided with the product.
 - E. Items or service that are normally required to maintain the product, i.e. o-rings, springs, bumpers, debris shields, driver blades, fuses, batteries, gaskets, packings or seals, fluid nozzles, needles, sandblast nozzles, lubricants, material hoses, filter elements, motor vanes, abrasives, blades, cut-off wheels, chisels, chisel retainers, cutters, collets, chucks, rivet jaws, screw driver bits, sanding pads, back-up pads or any other expendable part not specifically listed. These items will only be covered for ninety (90) days from date of original purchase. Underlined items have warranty for defects in material and workmanship only.
7. RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY: Repair or replace, at Warrantor's option, products or components which are defective, have malfunctioned and/or failed to conform within duration of the warranty period.
8. RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:
 - A. Provide dated proof of purchase and maintenance records.
 - B. Deliver or ship the Campbell Hausfeld product or component to the nearest Campbell Hausfeld Authorized Service Center. Freight costs, if any, must be borne by the purchaser.
 - C. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
9. WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:
 - A. Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.
 - B. If the purchaser does not receive satisfactory results from the Authorized Service Center, the purchaser should contact Campbell Hausfeld (see paragraph 2).

This Limited Warranty applies in the U.S. and Canada only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.