



6 PC. AIR DRILL KIT

USER MANUAL

[Revision 3.0 October 2018]

RETAIN THIS MANUAL FOR FUTURE REFERENCE

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE



TABLE OF CONTENTS

Safety1

 Particular Safety Instructions2

Set-Up3

 Operating Controls Chuck3

 Forward/Reverse Selector3

 Trigger3

Operation4

 Operational Hints4

Maintenance4

SAFETY

WARNING: Some dust created by power sanding, sawing, grinding and other construction activities contains chemicals known to cause cancer, birth defects, or other reproductive harm. 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 now how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and use approved personal protective equipment, such as dust masks that are specially designed to filter out microscopic particles.

- Keep work area clean. An untidy and cluttered work area increases the risk of accidents.
- Use personal protection equipment. Always use safety glasses or goggles. A facemask should also be worn when dust is generated. A respirator should be worn when spray painting, even when using outdoors.
- Wear suitable work clothes. Don't wear loose fitting clothes or jewellery. They can be caught in moving parts and may cause injury. For outdoor work rubber gloves and nonslip footwear are advised. Wear a protective hair net to contain long hair.
- Take precautions with compressed air. Do not disconnect air hoses or tools when the line is under pressure. Close off air supply and release pressure first. Do not point tools or direct compressed air at people or animals.
- Observe work area environment. Do not expose air tools to rain or wet conditions. Do not use air tools in close proximity to flammable liquids or gases. The work area should be well lit and ventilated.
- Keep pets, untrained operators and children away. Children should be kept away from the work area. Do not permit them to handle the tool or tool cable.
- Secure the work pieces. Use clamps or a vice to hold work. This will free up both hands to operate the tool, which is safer.
- Don't overreach when working. Keep a balanced footing at all times. Avoid abnormal stances and awkward body positioning.
- Do not overload or force tools. Tools operate better in the specified performance ranges. Forcing the tool may cause motor damage.
- Check for damage. Before further use always check the protection guards carefully to ensure proper operation and performance. Check for alignment of moving parts, binding of moving parts, breakage of parts, mountings and any other condition that may affect the tools operation. If the tool suffers severe impact, a crack or damage may occur do not use a tool if a crack develops or if air is escaping.
- Use the right tool. Only use air tools for their intended purpose. Do not force a small tool or accessory to do the job of a heavy-duty tool. Do not exceed recommended air pressure.
- When changing tools or accessories. Always close off air supply and release pressure before attempting to loosen any connection.
- Beware of temperature extremes. The expanding air causes the air tools to run very cold. Light gloves are advisable for operator comfort. Conversely, the cylinder head and air delivery pipe of the compressor tank will run quite hot, avoid contact with these.
- Maintain tools with care. For efficient and safe operation tools should be kept clean. Check the connections and hoses. If damaged they should be replaced.
- Avoid unintentional triggering. Do not carry tool or connect them with your finger on the trigger.
- Don't over-use hoses. Do not carry tools by the hose or use the hose to drag the compressor. Protect hoses from heat, oil and sharp objects. Avoid draping the hose over the compressor cylinder head.
- When not in use, your air tools should be stored in a dry area, which is not accessible to children.

6 PC. AIR DRILL KIT

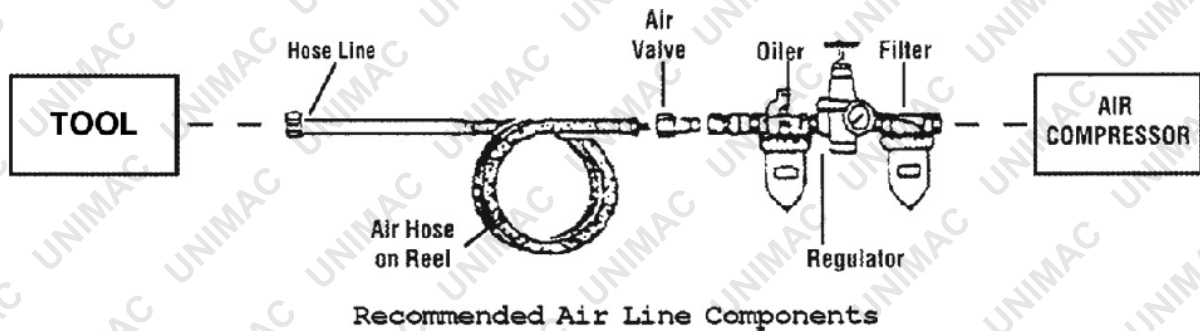
- Stay alert. Do not use the tool when you are tired or under the influence of alcohol and drugs. Use common sense and watch what you are doing or serious injury will occur.
- Remove keys and spanners. Do not forget to remove any adjustment keys, spanners and wrenches before switching on the tool.
- Don't leave unattended. Do not leave the compressor operating while unattended for extended periods of time. If you have finished using the compressor and associated tools, switch off supply and remove the plug.
- Use only compressed air. This tool is intended for use with compressed air only. Never attempt to operate the tool using compressed bottled oxygen or combustible gases.

PARTICULAR SAFETY INSTRUCTIONS

- Shut off air supply and release pressure when changing bits.
- Only operate this tool within the recommended pressure range 60 90 PSI. Use outside this range will cause poor performance, excessive wear and possible danger.
- Safety glasses must always be worn for eye protection. Hearing protection is strongly recommended when operating for long periods.

NOTE: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product but must be supplied by the operator.

SET-UP



NOTE: If you are not using an automatic oiler system, before operation, add a few drops of Pneumatic Tool Oil to the airline connection. Add a few drops more after hour of continual use.

1. You will need to prepare a 1/4" air connector (not included) to connect to the air inlet on the cut-off tool. First, wrap the 1/4" air connector with pipe thread seal tape (not included) before threading it into the inlet. Connect the 3/8" ID air source hose (not included) to a quick-disconnect coupler (not included) and then to the cut-off tool.
2. Set the air pressure on your compressor to 90 PSI. Do not exceed the recommended air pressure of 90 PSI.
3. Check the air connection for leaks.
4. Disconnect from the air hose until next instructed to reconnect.

OPERATING CONTROLS CHUCK

When mounting a drill bit in the chuck, insert bit so that the full shank of the bit is held in the chuck. Tighten the chuck securely by inserting the chuck key into one of the side holes in the chuck and turning the key clockwise. Before attempting to drill, check that the bit is held centrally in the chuck jaws and ensure the chuck key is removed. To release the chuck, insert the key and turn it counter-clockwise.

FORWARD/REVERSE SELECTOR

Push the selector to the "F" position to select normal clockwise rotation. Always drill in this direction. Push the selector to the "R" position to select counter-clockwise rotation. Do not change direction while drill is in motion.

TRIGGER

Depressing the trigger will allow the drill to rapidly begin rotation in the selected direction. Release to stop.

OPERATION

1. Run compressor, adjust compressor regulator for correct operating range of 6090 PSI.
2. Open outlet tap of compressor to connection of drill.
3. Select direction of rotation and press trigger to operate.
4. When changing bits, shut off air supply to tool and release pressure first, to avoid inadvertent operation.

OPERATIONAL HINTS

1. Always ensure that the workpiece is firmly clamped, so that you can use 2 hands to guide and control the drill.
2. When drilling wood, to prevent splintering on the reverse face when the drill breaks through, clamp a scrap piece of wood beneath the point where you are drilling.
3. When drilling metals, mark the point to be drilled using a centre punch to assist in starting the hole in the correct place.
4. To prevent damage to drills, apply some coolant to the bit, but do not wet the tool itself.
5. When drilling wood, plastic, hard rubber or cast iron no lubricant is needed. Use light mineral oil for brass or bronze, kerosene for aluminium. For steel and other metals use soluble oil.

MAINTENANCE

Always disconnect the air supply before attempting any maintenance.

After disconnecting the air supply, squeeze the trigger to make sure no air remains in the unit.

1. After each use, wipe down the drill with a lint-free cloth. Do not use solvents or harsh detergents to clean the tool.
2. Make sure the air inlet is clean of dirt, grease, or debris.

If you encounter a problem with operation, stop using the tool immediately. Disconnect tool from air supply before attempting any adjustment.



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- | | |
|---|---|
| <ul style="list-style-type: none"> ▪ Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation. ▪ Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks. ▪ Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing. ▪ Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product. | <ul style="list-style-type: none"> ▪ The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives. ▪ This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation. ▪ If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required. |
|---|---|



©2018 Unimac. All rights reserved. No part of this document, including descriptive content, concepts, ideas, diagrams or images may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, scanning or recording, or any information storage and retrieval system, without express permission or consent from the publisher.