

# Operating Instructions

## 3/8" Reversible Angle Head Drill



**BT-415**



Industrial Air Products

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# ***Thank You!***

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Thank you for purchasing a quality industrial air product from Beaver Tools.

Read all these operating instructions before attempting to operate this product. Keep the operating instructions with this product or in a safe place accessible to all users.

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# ***Warranty Package***

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All industrial air products come with the Beaver Tools warranty package. The warranty package ensures that you purchased a professional power tool that is built to last.

If you have any questions about the warranty, contact a customer service representative at 800-365-6677.

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## **Year Warranty**

We will repair or replace any part or parts of the product or accessory that proves to be defective in workmanship or material. Beaver Tools warrants products for a period of one year from the date of original purchase.

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## **Year Service**

Beaver Tools will maintain any of our products and replace worn parts for free, anytime during the first year after purchase.

### **LIMITED ONE YEAR WARRANTY**

Beaver Tools, Inc. warrants its professional power tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which, after examination, proves to be defective in workmanship or material during the warranty period. For repair or replacement return the complete tool or accessory, transportation prepaid, to Beaver Tools. Proof of purchase may be required. This warranty does not apply to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our service center.

Any implied warranty, including the implied warranties of merchantability and fitness for a particular purpose, will last only for one year from the date of purchase.

The foregoing obligation is Beaver Tools' sole liability under this or any implied warranty and under no circumstances shall Beaver Tools be liable for any incidental or consequential damages. Some states do not allow limitation on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other legal rights which may vary from state to state.



# Tool Maintenance

Tool maintenance is an important part in keeping your Beaver Tools in proper working condition.

## 1. Lubrication

Always lubricate your pneumatic tools. Use one drop daily or several drops weekly of ten weight non-detergent air tool oil. We recommend our Beaver Tools Pneumatic Lubricant (BA-PL1). It comes in a bottle with a flip-top spout for easy pouring. If the Beaver Tool is not lubricated, the warranty is voided.

## 2. Keep Moisture Out

Keep moisture out of your Beaver Tools. We recommend our Mini Water Separator (BA-113) or our Air Control Unit (BA-421). These units will help keep moisture from accumulating inside your air tools. Allowing moisture to collect in you Beaver Tool will void the warranty.



BA-111

## 2. Clean Tools

Keep tools clean for better and safer performance. Always keep handles dry, clean and free from oil and grease.

## 3. Air Pressure

Always maintain the appropriate air pressure. Beaver Tools run on a minimum of 90 PSI and a maximum of 110 PSI. We recommend our Air Regulator with Gauge (BA-111) to monitor your air pressure at all times.



BA-1207

## 4. Air Hose

Check your air hose for leaks or cracks. Vinyl hoses do not kink or crack like plastic hoses.

Beaver Tools carries a line of vinyl air hoses that are either coiled or retractable.

## 5. Stay Sharp

Check all blades, bits, cutters, etc. for sharpness. It is important to keep tools sharp for optimum performance.

## 6. Check for Damaged Parts

Before further use of a tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. Beaver Tools recommends that only identical replacement parts be used for repairs.

# Instructions & Accessories

## 3/8" Reversible Angle Head Drill Operation

1. Always disconnect the drill from the air hose before changing bits and making adjustments. Air pressure should be a minimum of 90 PSI to a maximum of 110 PSI.

2. Always be sure the bit is securely in place to prevent it from slipping during use.

3. Make certain that the workpiece is rigidly held in desired position and free of obstructions.

4. When first using the 3/8" reversible angle head drill, it is a good idea to test it out on sample material. This will allow you to get a feel and recognize the sound of the motor when it is operating at its most efficient load.

5. To use the drill, squeeze the trigger. Hold the drill firmly against the work. Keep pressure constant. To reverse, simply push the button in. This button is conveniently located near the trigger and can easily be accessed by your thumb.



### Specifications

- 1800 RPM Free Speed
- 3/8" Reversible
- Average 16 CFM
- Weight: 2.42 pounds
- Size: 8 1/4" length
- Minimum 90 PSI

## Accessories

Swivel Connector	BA-381	Pneumatic Tool Oil	BA-PL1
Coiled Air Hose		Automatic Oiler	BA-115
1/4" x 30'	BA-1202	Mini Water Separator	BA-113
3/8" x 30'	BA-1203		