

Dixon D204-30P

Dixon D204-30P Premium Safety Blow Gun User Manual

1. INTRODUCTION

This manual provides essential information for the safe operation, setup, and maintenance of the Dixon D204-30P Premium Safety Blow Gun. Please read these instructions thoroughly before use to ensure proper function and user safety.



Figure 1: The Dixon D204-30P Premium Safety Blow Gun. This image shows the black die-cast zinc body, the silver-colored nozzle, and the ergonomic lever with a black vinyl grip.

Product Overview

The Dixon D204-30P is a premium safety blow gun designed for various industrial and home improvement

applications requiring controlled air flow. It features a durable construction and ergonomic design for user comfort and safety compliance.

Key Features

- **Construction:** Zinc die-cast body with black powder coat finish, nickel-plated steel lever, vinyl thumb grip, stainless steel spring, brass valve, Buna-N seals, and nickel-plated brass tip.
- **Safety Compliance:** Conforms to OSHA Standard 1910.242 (B) for a maximum of 30 PSI outlet pressure when dead-ended (based on 150 PSI inlet pressure). Also complies with OSHA Standard 1910.95 regarding occupational noise level exposure.
- **Ergonomic Design:** Body shaped to fit the hand comfortably, reducing user fatigue. Large lever with black vinyl grip facilitates easy air flow activation.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including eye protection, when operating the blow gun.
- Never point the blow gun at yourself or others.
- Ensure the air supply pressure does not exceed 150 PSI. The blow gun is designed to limit outlet pressure to 30 PSI when dead-ended, in compliance with OSHA 1910.242 (B).
- Be aware of potential noise levels. This product complies with OSHA 1910.95 regarding occupational noise exposure. Use hearing protection if necessary.
- Disconnect the blow gun from the air supply before performing any maintenance or when not in use.
- Do not modify the blow gun. Any modifications may compromise safety and void the warranty.
- Keep the work area clean and well-lit.

3. SETUP

1. **Inspect the Blow Gun:** Before each use, visually inspect the blow gun for any signs of damage, wear, or loose components. Do not use if damaged.
2. **Connect to Air Supply:** Attach the blow gun to a compressed air hose equipped with a compatible quick-connect fitting. Ensure the connection is secure and free of leaks.
3. **Verify Air Pressure:** Confirm that the air compressor's output pressure is set to a maximum of 150 PSI.

4. OPERATING INSTRUCTIONS

1. **Grip the Blow Gun:** Hold the blow gun firmly by its ergonomic body, ensuring a comfortable and secure grip.
2. **Activate Air Flow:** Press the large lever with your thumb to activate the air flow. The amount of pressure applied to the lever will control the air volume.
3. **Direct Air Flow:** Point the nozzle towards the area to be cleaned or dried. Maintain a safe distance from the workpiece and avoid directing air towards sensitive materials or body parts.
4. **Deactivate Air Flow:** Release the lever to stop the air flow.

Note: The blow gun is designed to provide a controlled air stream for cleaning and drying tasks. Its safety

features ensure that the outlet pressure remains within OSHA guidelines under normal operating conditions.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Dixon D204-30P Safety Blow Gun.

- **Cleaning:** Wipe the exterior of the blow gun with a clean, dry cloth after each use. Avoid using harsh chemicals that may damage the finish or seals.
- **Inspection:** Periodically check the nozzle, lever mechanism, and air connections for wear, damage, or blockages. Ensure the lever operates smoothly.
- **Storage:** Store the blow gun in a clean, dry environment away from extreme temperatures and direct sunlight. Disconnect it from the air supply before storage.
- **Seals and Springs:** If air leaks are detected or the lever mechanism becomes stiff, inspect the internal seals and spring. Replacement parts may be available from Dixon or authorized distributors.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No air flow or weak air flow	Air supply disconnected or off Low air compressor pressure Blocked nozzle or internal passage Damaged valve or seals	Connect air supply and turn on Increase compressor pressure to recommended level (max 150 PSI) Inspect and clear any blockages Contact Dixon support for replacement parts or service
Air leak from blow gun	Loose air connection Worn or damaged seals (Buna-N) Damaged valve	Tighten air connections Inspect and replace seals Contact Dixon support for replacement parts or service
Lever mechanism stiff or unresponsive	Dirt or debris in mechanism Damaged spring or pivot point	Clean mechanism thoroughly Contact Dixon support for replacement parts or service

7. SPECIFICATIONS

Attribute	Detail
Model	D204-30P
Brand	Dixon
Body Material	Zinc Die-Cast with Black Powder Coat Finish
Lever Material	Nickel-Plated Steel with Vinyl Thumb Grip

Attribute	Detail
Spring Material	Stainless Steel
Valve Material	Brass
Seal Material	Buna-N
Tip Material	Nickel-Plated Brass
Inlet Connection Size	1/4 inch
Maximum Inlet Pressure	150 PSI
Maximum Dead-Ended Outlet Pressure	30 PSI (OSHA Compliant)
Item Weight	0.44 Pounds (7.04 ounces)
Manufacturer	Dixon Valve & Coupling

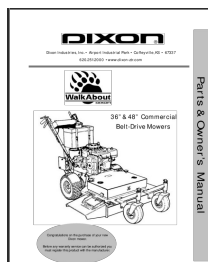
8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Dixon D204-30P Premium Safety Blow Gun, please contact Dixon Valve & Coupling directly or refer to their official website.

Manufacturer: Dixon Valve & Coupling





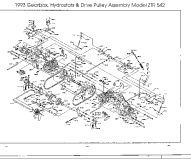
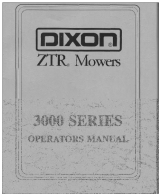
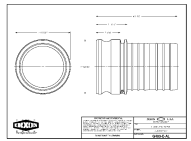
Please retain your purchase receipt for warranty purposes.

Related Documents - D204-30P



[Dixon WalkAbout 36" & 48" Commercial Belt-Drive Mowers: Parts & Owner's Manual](#)

This comprehensive manual provides essential information for the operation, maintenance, and safety of Dixon WalkAbout 36" and 48" Commercial Belt-Drive Mowers. It includes detailed instructions on starting, operating, and servicing the equipment, along with safety guidelines and a warranty policy.

 	<p>Dixon Grizzly ZTR 2006 Safety Instructions & Operator's Manual</p> <p>This operator's manual provides essential safety instructions, operating procedures, maintenance guidelines, and specifications for the Dixon Grizzly ZTR (Zero Turn Radius) mower, Model Year 2006.</p>
 	<p>Dixon SilverTip ZTR Mower 2005: Safety and Operator's Manual</p> <p>Comprehensive safety instructions and operational guidance for the 2005 Dixon SilverTip ZTR riding mower, covering operation, maintenance, and troubleshooting for safe and efficient use.</p>
	<p>1993 Dixon ZTR 542 Parts Diagram and Assembly Guide</p> <p>Detailed assembly diagrams and parts list for the 1993 Dixon ZTR 542 lawn mower, covering gearbox, drive pulley, fuel and hydraulics, chassis, mower deck, body, and wiring.</p>
	<p>Dixon ZTR Mowers 3000 Series Operator's Manual</p> <p>Comprehensive operator's manual for Dixon ZTR Mowers, 3000 Series, covering safety, specifications, operation, maintenance, and troubleshooting. Includes model details for ZTR 3303, ZTR 3304, and ZTR 3014.</p>
	<p>Dixon G400-E-AL 4" Global Type E Adapter Technical Specifications</p> <p>Technical drawing and specifications for the Dixon G400-E-AL 4" Global Type E Adapter made from aluminum alloy.</p>