

# Clarke®

## *air*



## AIR BLOWGUN

MODEL NO: CAT148

PART NO: 3120162

## OPERATING & MAINTENANCE INSTRUCTIONS

GC1215

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## INTRODUCTION

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Thank you for purchasing this CLARKE Blow Gun.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

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## SPECIFICATION

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Model Number	CAT148
Max Operating Pressure	90 psi (6.2 bar)
Air Consumption	9.5 cfm (max @90psi)
Air Inlet Size	1/4" BSP Female
Weight(s)	130 g
Dimensions (L x W x H)	180 x 23 x 130 mm
Compressed air supply	1.5 hp compressor and above

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## GUARANTEE

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This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

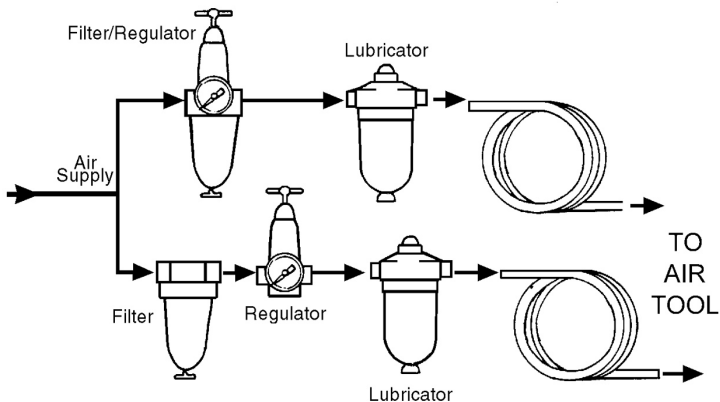
This guarantee does not effect your statutory rights.

# COMPRESSED AIR REQUIREMENTS



**WARNING: COMPRESSED AIR CAN BE DANGEROUS. ENSURE THAT YOU ARE FAMILIAR WITH ALL PRECAUTIONS RELATING TO THE USE OF COMPRESSORS AND COMPRESSED AIR SUPPLY.**

- Use only clean, dry, regulated compressed air as a power source.
- Air compressors used with the tool must comply with the appropriate European Community Safety Directives.
- A build-up of moisture or oil in the air compressor will accelerate wear and corrosion in the tool. Ensure any moisture is drained from the compressor daily and the inlet filter is kept clean.
- If an unusually long air hose is required, (over 8 metres), the line pressure or the hose inside diameter may need to be increased.
- The air hose must be rated at least 150% of the maximum operating pressure of the tool.



- A typical air line layout is shown above. If an automatic in-line filter/regulator is used, it will keep the tool in good condition, but should be regularly checked and topped up with oil. Clarke airline oil should be used, and the lubricator adjusted to approx 2 drops per minute.
- For optimum performance it is recommended that a 3/8" ID hose is used.

Never exceed the maximum operating pressure for the tool. It is recommended that air pressure to this tool does not exceed 90 psi at the tool when running. Higher pressures and dirty air will shorten the life of the tool due to faster wear and is a possible safety hazard

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## GENERAL SAFETY RULES

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CAUTION: FAILURE TO FOLLOW THESE PRECAUTIONS COULD RESULT IN PERSONAL INJURY AND/OR DAMAGE TO PROPERTY.

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### WORK ENVIRONMENT

1. Keep the work area clean and tidy.
2. Dress appropriately - Do not wear loose clothing or jewellery. Tie long hair out of the way.
3. Keep children and visitors away - Do not let children handle the tool.
4. Do not operate the tool where there are flammable liquids or gases.

### USE OF AIR POWERED TOOLS

1. Stay alert and use common sense - do not operate this air tool when you are tired or under the influence of alcohol, drugs or medication.
2. Always wear eye protectors when using the ai tool. Eye protectors must provide protection from flying particles from the front and the side.
3. Do not overreach - Keep proper footing and balance at all times.
4. Never use oxygen, CO<sup>2</sup>, combustible gasses or any type of bottled gas as a source of power for this air tool.
5. Do not connect the air supply hose with your finger on the trigger.
6. Do not exceed the maximum pressure for the air tool of 90 psi / 6.2 bar.
7. Keep the air supply hose away from heat, oil and sharp edges.
8. Do not fit the air tool to any stand or clamping device that may damage it.
9. Check air hoses for leaks or worn condition before use and ensure that all connections are secure.
10. Do not use the air tool for any purpose than that described in this manual.
11. Do not carry out any alterations or modifications to the air tool.
12. Always disconnect from the air supply when performing any maintenance.
13. Never use the air tool if it is defective or operating abnormally.
14. Always maintain the air tool with care. Keep it clean for the best and safest performance.
15. Never discharge this blow gun at any persons or animals.

## TRANSPORT & STORAGE

1. Never carry the air tool by the air hose or with your finger on the trigger.
2. When not in use the air tool must be disconnected from the air supply and stored in a dry place out of the reach of children.
3. Avoid storing the air tool where the temperature is below 0°C.

**Please keep these instructions in a safe place for future reference.**

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## BEFORE USE

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Ensure the compressor is turned off.

1. Connect a suitable hose to the air inlet connector as shown.
2. Connect the other end of the air hose to the air compressor.
3. Turn on the air supply and check for air leaks. Rectify any found before proceeding.
  - PTFE tape may be useful for sealing threaded connections.
4. Your air tool is now ready for use.
  - You can fit a whip hose with a quick fit coupling if required, available from your Clarke dealer.



Set the compressed air pressure to suit at the compressed airline regulator.

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# MAINTENANCE

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**WARNING: MAKE SURE THAT THE BLOW GUN IS DISCONNECTED FROM THE AIR SUPPLY BEFORE STARTING ANY CLEANING OR MAINTENANCE PROCEDURES.**

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1. Before use, drain water from the airline filter and compressor.
2. Clean thoroughly after use with a suitable solvent.

## PERFORMANCE

Please note that factors other than the air tool may effect its operation and efficiency such as reduced compressor output, excessive drain on the airline, moisture or restrictions in the air-line, or the use of connectors of improper size or poor condition which will reduce air supply.

Your Clarke air tool has been designed to give long and trouble free service. If, however, having followed the instructions in this booklet carefully, you encounter problems, take the unit to your local Clarke dealer.

## DISCONNECTING THE AIR SUPPLY

1. Do not disconnect the air supply hose until the compressor has been shut down and the compressed air released.
  2. Refer to the compressor instruction manual for the procedure to shut down and vent the compressed air.
  3. Once the pressure has been released, disconnect the air supply hose from the air tool.
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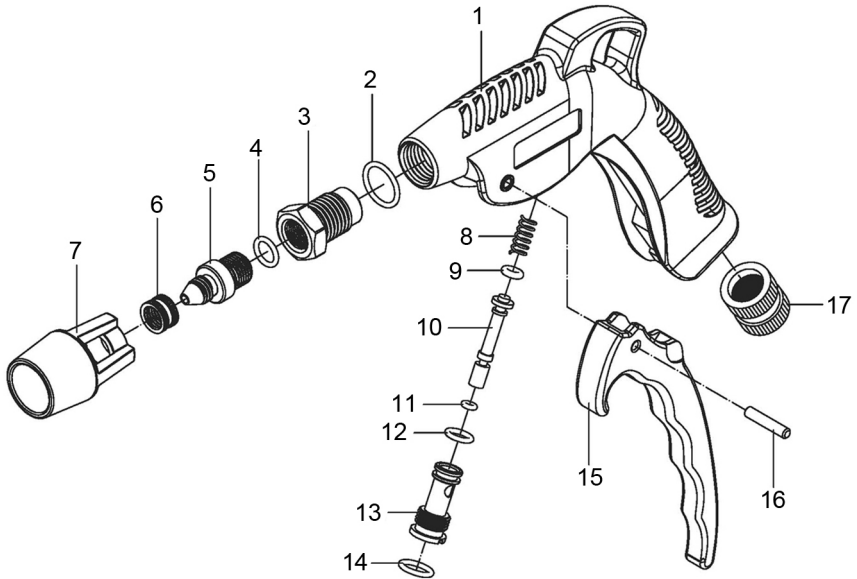
## ACCESSORIES

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A wide range of accessories is available including filter/regulators, lubricators, high-pressure hoses (5 to 50 metres) etc.

Contact your Clarke dealer for further information or the Clarke International Service Department.

# COMPONENT PARTS



No	Description
1	Main Housing
2	Spring
3	Connector
4	O-ring
5	Nozzle
6	Nozzle Sleeve
7	Venturi Tip
8	Spring
9	O-ring

No	Description
10	Valve Stem
11	O-ring
12	O-ring
13	Valve Seat
14	O-ring
15	Trigger
16	Bolt
17	Air Inlet

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