

# Jefferson®

PROFESSIONAL TOOLS & EQUIPMENT



## 5 PIECE AIR TOOL KIT

***Includes:***

- Paraffin Spray Gun
- 5 Meter Air Line Suzi
- Air Blow Gun
- Gravity Fed Spray Gun
- Tyre Inflator with Gauge

JEFA061

# User Manual

v.1.1

# 1. Contents

1. Paraffin Spray Gun
2. 5M Airline Suzi
3. Air Blow Gun
4. Gravity Feed Spray Gun
5. Tyre Inflator & Pressure Gauge



# 2. Specifications

Paraffin Spray Gun	
Canister Capacity	900ml
Operating Pressure	50-70PSI
Nozzle Length	250mm
Air Inlet	1/4"

5M Airline Suzi	
Length	5M
Outer Diameter	8mm
Inner Diameter	6mm
Fittings	1/4"

Air Blow Gun	
Air Pressure	50-70PSI
Air Inlet	1/4"

Gravity Feed Spray Gun	
Canister Capacity	600ml
Air Pressure	43-50PSI
Nozzle Size	1.5mm
Air Inlet	1/4"

Tyre Inflator	
Air Pressure	50-70PSI
Capacity	0-100 PSI
Hose Length	400mm
Air Inlet	1/4"

## 3. General Safety

It is important that you read these instructions carefully and note the safe operational requirements, warnings and cautions stated. Use this product correctly and with care for the purpose for which it is intended. Failure to do so may cause damage or personal injury.

**Please keep these instructions safe for future use.**

In order to use these tools safely you must observe the safety regulations, assembly instructions and safety guidelines stated in this manual.

Anyone using this equipment should have read this manual and be fully trained and competent in the use of compressors and air tool accessories.

**Warning:** When using power and air operated tools it is essential that all safety precautions should be taken to reduce the risk of fire, electric shock and personal injury.

1. Always wear the appropriate Personal Protection Equipment (PPE) for the work at hand and ensure that safety goggles or glasses are worn at all times.
2. Ensure that the compressor is switched off before connecting any tools or accessories to the air supply.
3. Disconnect any equipment from the air supply before changing blades or disc and prior to carrying out any service or repairs to the equipment.
4. Always keep your air tools clean and well lubricated. It is essential that all air tools and accessories are kept lubricated in order to prevent internal corrosion and possible failure.
5. Do not wear watches, rings, bracelets or loose clothing and ensure that long hair is tied back when using air tools.
6. Use only light weight airline coils when connecting from an air tool to a wall or compressor coupling and do not use quick release couplings where possible.
7. Do not overload the machine. Allow the tool to operate at its optimum speed for maximum efficiency.
8. Never increase the air pressure beyond the manufacturers recommended level as excessive overload can cause the compressor casing to split. Excessive pressure can also lead to wear on moving parts.
9. Always ensure that any work piece is firmly secured allowing the operator to work freely with both hands.
10. All equipment and accessories should be rated and suitably designed for use with the compressor and correctly fitted before connecting to the air supply.

## 4. Operating Instructions

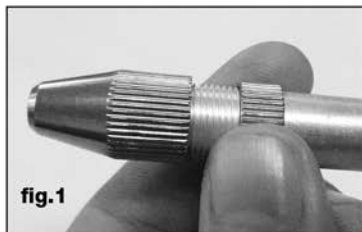
### 4.1 Paraffin Spray Gun

- Disconnect the airline.
- Remove the canister (A) by rotating it anticlockwise. Fill the tank with the chosen degreasing solvent and secure the canister back into the gun.
- Attach the airline and then direct the nozzle (B) at the object you wish to be cleaned and squeeze the trigger (E).



#### To adjust the spray:

1. Slacken the nozzle using the locking ring (C) located behind the nozzle (B). Screw the nozzle onto the shaft (D) as far as possible as shown in (fig.1).
2. Depress trigger (E) to gauge the spray. Should the spray need adjustment, continue with the next step.
3. Once the desired spray is obtained tighten the nozzle locking ring (D) (fig.2).



#### General inspection:

- Keep all vents unclogged and clean at all times.
- Remove dust and dirt regularly using a soft brush or rag.
- Re-lubricate all moving parts at regular intervals.
- If the body of the compressor needs cleaning, wipe it with a soft damp cloth.
- A mild detergent can be used but not alcohol, petrol, or strong cleaning agents.



### 4.2 Air Blow Gun

- The air blow gun can be connected to either a regulated or an unregulated air outlet supply on the compressor.
- To connect the airline ensure that you use the appropriate fittings or couplings which correspond with the thread specification (1/4" BSP).
- To operate the Air Blow Gun connect the airline to the gun and turn on the air supply.
- To discharge the air from the gun, squeeze the Trigger (A). The further the trigger is squeezed the greater the discharge.
- To stop the air from discharging, simply release the trigger.



**Important:** Take extreme care when using this air tool. The discharge air velocity is very high. Never allow debris to be blown in the direction of another person or other objects. Never look down the nozzle of the gun in case of an inadvertent discharge.

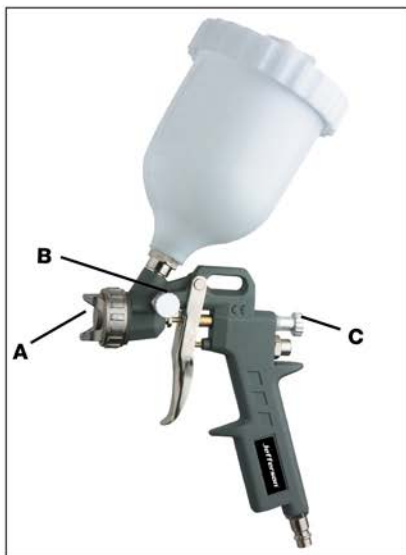
## 4.3 Gravity Feed Spray Gun

- It is strongly recommended that before attempting to spray paint an object that you first practice on some scrap material to learn how to handle the equipment and adjust the controls.
- There are a number of spraying techniques to develop before a professional finish can be attained other factors that can improve the overall finish include: quality of the paint; thickness of the paint; air pressure etc.
- Paint should be thinned as per the directions provided by the manufacturer.

**Note:** Most paints will require thinning prior to spraying. If the sprayed paint has small lumps in the finish, it indicates that the paint is too thick.

### Tips on handling the gun:

1. Hold the gun perpendicular to the spraying surface and travel parallel with long, even painting strokes.
2. Start the paint stroke and then pull the trigger, likewise always release the trigger before you complete the stroke.
3. Hold the gun 200-300mm from the painting surface
4. The paint should always be applied to the surface wet and try to overlap the proceeding strokes in order to obtain an even finish.
5. The spray pattern is adjustable from the vertical to the horizontal or anywhere in between by rotating the air nozzle **(A)** at the outlet of the spray gun.
6. It is recommended that you use the regulated outlet for spraying, with the air pressure regulated to **50psi**.
6. Prior to spraying, always ensure that the air nozzle, side ports on the air nozzle and needle assembly are clean and free of dry paint.
7. You can adjust the flow rate and trigger pressure by using the adjustment knobs shown **(B)** & **(C)**.



### Safety Guidelines

- To connect the airline, ensure you use the appropriate fittings or couplings which correspond with the thread specification (1/4" BSP).
- Always use the regulated air supply on the compressor.
- When spraying paint, always wear a breathing mask and follow the safety instructions from the paint manufacturer.
- Be aware that some paints can contain solvents.
- Take care to never direct the spray gun at other people or yourself.
- Never use your finger to block or adjust the spray.
- Only use the paint spray gun to spray paint.

### Tips for Cleaning the Gravity Feed Spray Gun

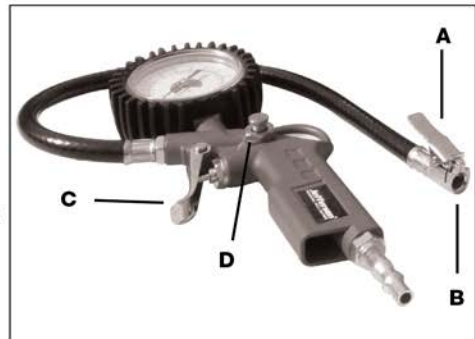
The performance and life of the gun will depend on how well you clean the gun after each use. At the completion of the spraying operation empty the paint and rinse the paint pot with clean solvent or whatever was used to thin the paint. After rinsing the pot, discard any residue safely. Add further solvent to the pot and reassemble the pot and lid. Run this solvent through the gun.

Disconnect the airline from the gun and then remove the front nozzle assembly and clean all the components of the assembly using solvent and a small brush (safety glasses should be worn during this procedure). Ensure that the needle is also clean. If necessary, the parts from the front assembly can be left to soak in solvent if the paint has dried hard in the air holes. Do not probe the air holes with a metal object - instead allow the solvent to dissolve any paint.

Reassemble the gun and re-connect to the air supply. Add a small amount of solvent to the paint pot and again run through the gun for a final clean. Wipe the outside of the gun with a clean cloth containing a small amount of the solvent. Any moving parts can be lubricated with a light machine oil - but ensure that the oil does not contain any silicone.

## 4.4 Tyre Inflator

- The tyre inflator can be connected to either a regulated or unregulated air supply.
- To connect the airline, ensure that you use the appropriate fittings that correspond with the thread specification (1/4" BSP).
- To operate the tyre inflator, connect the airline to the tyre inflator and turn on the air supply at the compressor.
- Connect the inflator to the tyre and by fully pressing the lever **(A)** on the side of the tyre fitting.



- Fully insert the fitting **(B)** over the tyre inlet valve firmly and then release the side lever. The fitting should remain fitted to the tyre valve.
  - To discharge the air from the tyre inflator, squeeze the trigger **(C)**. The further the trigger is squeezed, the greater the discharge. To stop the discharge - release the trigger.
- Note:** When the trigger is not squeezed the gauge will indicate the pressure in the tyre.
- If the tyre has been over-inflated or the tyre needs to be deflated for any reason the pressure can be lowered with the inflator still connected to the tyre. Press the small button **(D)** on the top left hand side of the inflator housing. This allows a small amount of air to be discharged from the tyre. **Note:** There is no need to depress the trigger switch to operate the deflating button.

**Important:** *This equipment should only ever be used for its intended use - inflating tyres. Do not discharge air through the inflator without it being fitted to a tyre. Never apply the outlet of the tyre inflator against a persons body. Never look down the air outlet hole. Never point this equipment directly at another person or yourself. Never inflate the tyres beyond the recommended air pressure from the tyre manufacturer.*