



# User Manual

# FERREX<sup>®</sup>

**806438**  
**150W AIR**  
**BRUSH KIT**  
**WITH MINI**  
**COMPRESSOR**



**Product**  
**Info**



**+ VIDEO**

<https://help.tools/>

Read all safety warnings and all instructions thoroughly before operating this product.

Ensure you keep your manual in a safe place for future reference.

IM ed 2; 07/2021



# QR codes take you where you want to go quickly and easily

Whether you require product information, spare parts or accessories, details on warranties or aftersales service, or if you want to watch a product demonstration video, our QR codes will take you there in no time at all.

## What is a QR code?

A QR-code (QR=Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.

Advantage: You are not required to manually enter a website address or contact details.

## How it works

To scan the QR code, all you need is a smartphone with QR codes reader software and an Internet connection\*. This type of software can be downloaded for free from your smartphone's app store.

## Try it out now

Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased\*.

\* Depending on your tariff you may be charged for the connection.



# 150W Air Brush Kit

## Warranty details

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REGISTER YOUR PURCHASE AT [www.aldi.com.au/en/about-aldi/product-registration/](http://www.aldi.com.au/en/about-aldi/product-registration/) TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION.

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The product is guaranteed to be free from defects in workmanship and parts for a period of 36 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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### AFTER SALES SUPPORT

 **AUS** 1300 889 028  
(toll free)

e-mail: [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)  
MODEL No.: TAC23 • 07/2021 • 806438



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## Pack contents / parts

Congratulations on the purchase of your FERREX® 150W Air Brush Kit. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

### **Intended use of 150W Air Brush Kit**

**NOTE:** This product is for private domestic DIY use only. It is not suitable for commercial, industrial or trade use.

This 150W Air Brush Kit is ideal for intricate painting and craft tasks including modelling, figurines, murals, automotive touch ups, cake decorating, nail art and various hobby arts.

### **Contents of carton**

- 1 x Air compressor
- 1 x Air brush gun
- 1 x 1.6 m air hose
- 2 x 20 cc glass jar (1 x for paint spraying, 1 x for storage)
- 1 x Connector (1/8" female/M5 x 0.5 mm male)
- 1 x User manual
- 1 x Warranty card



# Description of symbols

The instruction manual or rating plate on your product may show symbols. These represent important information about the product or instructions on its use.



Conforms to relevant standards for electrical safety and electromagnetic compatibility.



Wear breathing protection.



Wear eye protection.



Read the instruction manual.



Hearing protection must be worn.



Risk of high temperature.



Do not open cock before air hose is attached.



Caution, risk of electrical shock.



Electrical waste products should not be disposed of with household waste



36 Months Warranty



Warning



Ensure to flatten / flat pack the box.



The Foam and Bag is not recyclable at kerbside, and should be placed in the general waste bin.

# General safety warnings



## **WARNING! Read all safety warnings and all instructions.**

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**The word “power tool” used in the following warnings and throughout this manual refers to both electrical power tools and also petrol driven power tools.**

*This unit may not be used by people (including children) with reduced physical, sensory or mental capacities, with a lack of experience and without the appropriate knowledge, unless they are supervised by someone who is responsible for their safety or have been instructed by such a person with regard to how the unit is to be operated. Children should be supervised to ensure that they do not play with the device.*

## **Save all warnings and instructions for future reference**

### **1. Work area safety**

- a. Keep work area clean and well lit.** *Cluttered or dark areas invite accidents. Rags, cloths, cord, string and similar items should never be left around the work area.*
- b. Do not operate power tools in explosive environments, such as in the presence of flammable liquids, gases, or dust.** *Power tools create sparks, which may ignite the dust or fumes.*
- c. Keep children and bystanders away while operating a power tool.** *Distractions can cause the operator to lose control.*

### **2. Electrical safety**

- a. Power tool plugs must match the outlet. Never modify the plug in any way.** *Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** *There is increased risk of electric shock if your body is grounded.*

- c. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d. **Do not abuse the cord.** *Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged or entangled cords increase the risk of electric shock.*
- e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor reduces the risk of electric shock.*
- f. **To reduce the risk of electric shock, the manufacturer recommends the use of a residual current of 30mA or less at all times.**

### 3. Personal safety

- a. **Stay alert, watch what you are doing and use common sense when operating a power tool.** *Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.*
- b. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection will reduce personal injuries.*
- c. **Prevent unintentional starting.** *Ensure the switch is in the "off" position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d. **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or key left attached to a rotating part of the power tool may result in personal injury.*
- e. **Do not overreach.** *Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.*
- f. **Dress properly. Do not wear loose clothing or jewellery.** *Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.*
- g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

### 4. Power tool use and care

- a. **Do not force the power tools.** *Use the correct power tool for your application. The correct power tool will do the job better and safer at the*

rate for which it was designed.

- b. Do not use the power tool if the switch does not turn it “on” and “off”.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c. Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e. Maintain power tools with care.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f. Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- h. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**
- i) Children should be supervised to ensure that they do not play with the appliance.**

## 5. Service

- a. Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

# Safety Instructions for Air Brush Compressors

This appliance is not intended for use by young or infirm persons unless supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with play with the appliance.

This compressor is rated at 150W S3 20%.



**WARNING:** Please ensure that you read, understand and apply all the SAFETY WARNINGS in this user guide.



**WARNING:** Wear protective breathing equipment. Paint mist and solvent vapors are damaging to health. Always wear protective breathing equipment and only work in well ventilated rooms or using supplementary ventilating equipment. It is advisable to wear protective clothing, a safety mask, safety glasses, ear protection and gloves.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## Caution: Danger of injury!

- Never point the spray stream towards human beings or animals.
- Do not make any alterations to this Compressor. Only use the adaptors supplied with this product.
- Use this product only in accordance with operation instructions included in this manual.
- DO NOT cover the compressor while it is in use and always keep it well-ventilated.
- DO NOT exceed the maximum indicated pressure of any accessory or attachment.
- DO NOT leave a running compressor unattended. Do not leave a compressor plugged into the power supply unattended. ALWAYS, turn off the mains supply switch and remove the plug before leaving the compressor. Keep out of reach of children.
- DO NOT use any cords or hoses to move the compressor.
- DO NOT use the compressor if it is damaged or faulty, DO NOT operate it until it has been repaired by a qualified technician.
- If the compressor overloads or overheats, turn the power OFF and wait until it cools before resuming any work.
- Keep flammable sprays and liquids away from the compressor. Do not allow the Compressor to become wet.
- Keep the compressor clean and dry and free from moisture.
- If the Compressor is making abnormal sounds or its temperature is quite high, turn off the power straight away and let it cool for at least 10 minutes before trying again. Improper use may result in damage of the Compressor.
- Do not bend or pinch the air hose while the Compressor is in use.

## Safety Instructions for Air Brush Guns

### WARNING!

**This appliance is not intended for** use by persons



(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## Using an Extension Hose

Always use an approved extension hose suitable for the air input of this tool. Before use, inspect the hose for signs of damage, wear and ageing. Replace the extension hose if damaged or defective.

When using a hose on a reel, always unwind the lead completely.

**NEVER under any circumstances aim the nozzle at another person or animal.**

- In the event of an injury occurring, seek medical advice immediately.
- The airbrush must not be used for spraying flammable paints and solvents with a flash point of less than 21°C.
- Always ensure there is adequate ventilation when spraying.
- Eye protection is recommended to keep hazardous vapours and liquids out of eyes.
- Always wear a face mask when spraying.
- Always read the paint manufacturers thinning instructions before using.
- Always keep the spray nozzle in place during use. Never allow the spray to come in direct contact with the skin.
- Never immerse the airbrush in liquid.
- The airbrush must not be cleaned by using flammable liquids with a flash point of less than 21°C.

**NEVER spray near a naked flame, including an appliance pilot light.**

**NEVER smoke whilst spraying.**

**NEVER allow children to operate or play with the airbrush.**

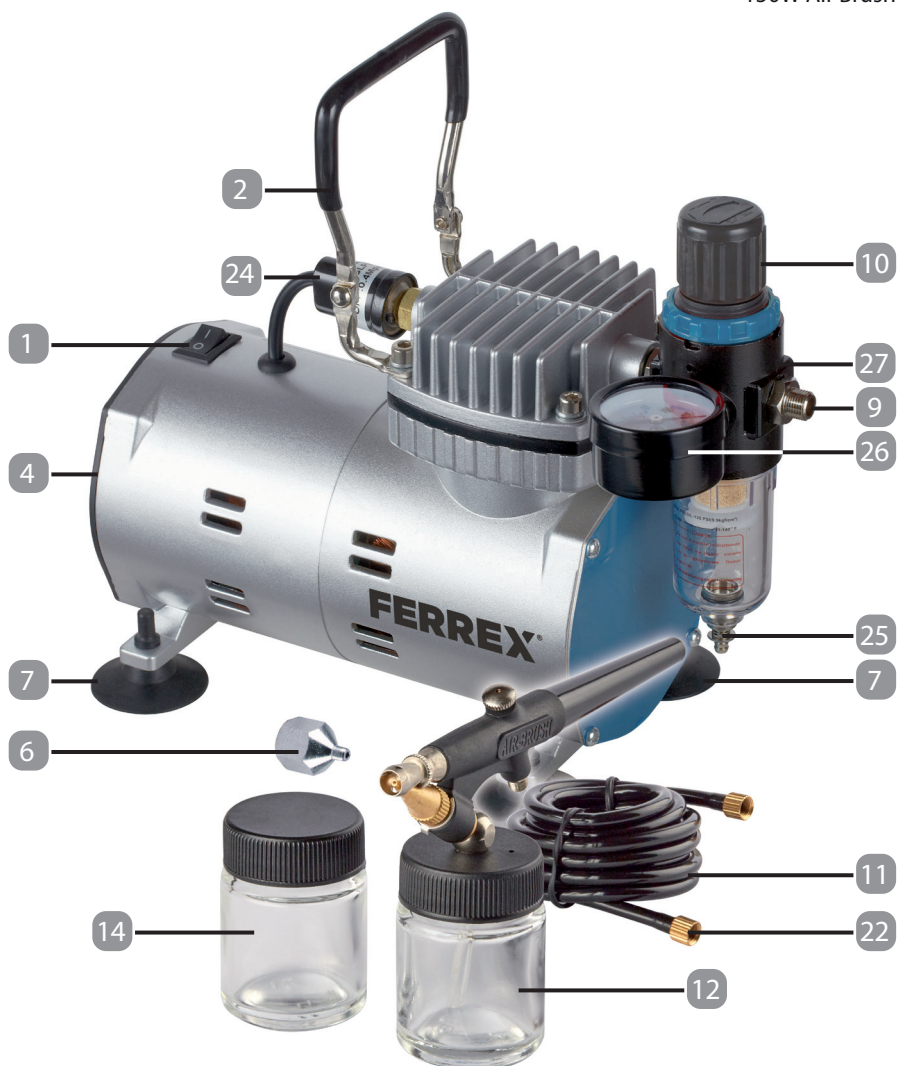
- Before cleaning, always disconnect the appliance from the air supply.
- Always disconnect from air supply when refilling the paint pot.
- After every use ensure you clean your airbrush thoroughly.

**NEVER use the airbrush outside when it is raining.**

## Parts List

- |                                                                                   |                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1. On/off switch                                                                  | 15. Air brush gun                                                                          |
| 2. Carry handle                                                                   | 16. Paint outlet                                                                           |
| 3. Power cord (not visible)                                                       | 17. Air cap                                                                                |
| 4. Compressor body                                                                | 18. Air cap body & nozzle                                                                  |
| 5. Safety relief valve (not visible)                                              | 19. Paint flow adjustment dial                                                             |
| 6. Connector ( 1/8" female / m5 x 0.5Mm male )                                    | 20. Air flow adjustment screw / trigger                                                    |
| 7. 4 X feet                                                                       | 21. Needle cover / handle                                                                  |
| 8. Air inlet filter                                                               | 22. M5 x 0.5Mm pitch thread air hose air inlet fitting/ connection (hose to air brush gun) |
| 9. 1/8" Pitch thread air hose air outlet fitting/ connection (hose to Compressor) | 23. Paint inlet connection                                                                 |
| 10. Air pressure adjustment knob                                                  | 24. Pressure switch                                                                        |
| 11. 1.6M air hose                                                                 | 25. Drain / release valve (Ref Fig Z)                                                      |
| 12. 20CC glass paint jar for spraying                                             | 26. Pressure gauge                                                                         |
| 13. 20CC glass jar vent hole                                                      | 27. Air outlet regulator                                                                   |
| 14. 20CC glass paint jar for storage                                              |                                                                                            |





## Operation

### Getting Started – Air Compressor

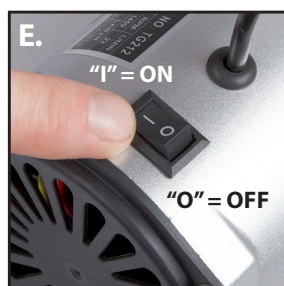
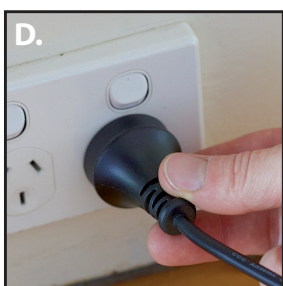
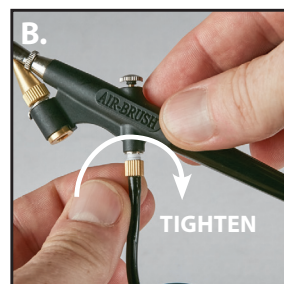
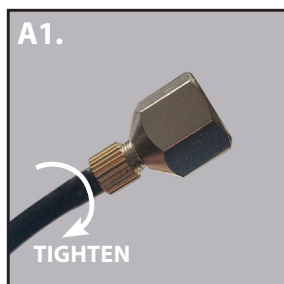
**NOTE:** Before operating, make sure the Air Compressor is: in a well ventilated area; on a level surface; well away from flammable objects. Never paint in an area without proper ventilation or near potential ignition sources.

1. The fittings on each end of the air hose (11) are the same. Connect one of these fittings to the M5 x 0.5mm male side of the Connector (1/8" female / M5 x 0.5mm male) (6), align the threads and tighten the fitting in a clockwise direction finger tight till firm (Fig A1). Then Connect 1/8" female side to the 1/8" pitch thread air hose air outlet fitting/ connection (hose to compressor) (9), align the threads and tighten the fitting in a clockwise direction finger tight till firm (Fig A2)
2. Connect the remaining fitting on the air hose (11) to the air brush inlet fitting (22). Align the thread and screw in a clockwise direction finger tight until firm (Fig B).
3. Make sure the on/off switch (1) is in the OFF position as indicated by an "O" on the on/off switch (Fig C).
4. Plug the power cord (3) into a mains socket (Fig D).
5. Turn the on/off switch (1) on the compressor to the ON position as indicated by an "I" on the on/off switch (Fig E).

**NOTE:** The compressor automatically runs when the pressure at the pressure switch falls below 43.5 PSI.

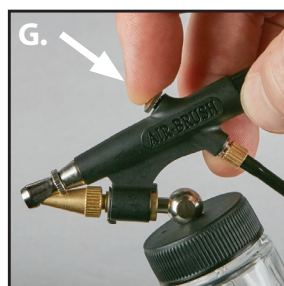
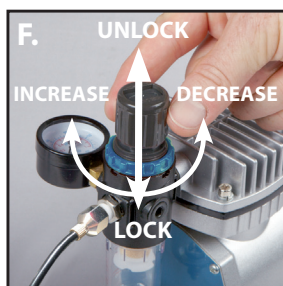
When the pressure at the pressure switch reaches 57 PSI the compressor will stop.

6. The outlet pressure is controlled by the air outlet regulator (27) which can be adjusted up or down, from zero PSI to Max 57 PSI, depending on the operator's requirement. The pressure gauge is an indication of the outlet pressure, and should be read with air flowing through the air brush to indicate a true reading (Fig F).



## Setting the Outlet Pressure

1. After the compressor has been set up with the air hose (11), air brush gun (15) and connected to the mains supply, turn on the compressor by pressing the section marked "I" on the On/off switch (1) (Fig E). The compressor will start and run for a short period of time. i.e 3-5 seconds.
2. Lift the air pressure adjustment knob (10) on the air outlet regulator (27) upward (Fig F).
3. Depress the trigger (20) on the air brush gun (15).

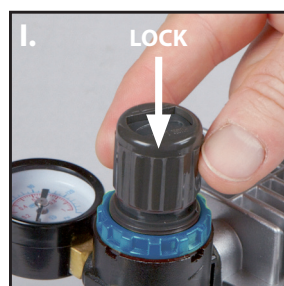
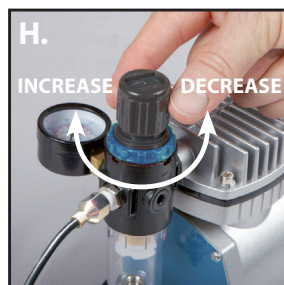


4. With the trigger (20) depressed, and watching the outlet pressure gauge (26), rotate the air pressure adjustment knob (10) clockwise to increase the pressure and anti clockwise to decrease the pressure (Fig H).

**NOTE:** The maximum outlet pressure on the pressure gauge (26) while air is flowing will only be a MAX of 25-30PSI.

**NOTE:** The pressure gauge (26) will not read correctly if air is not flowing through the air outlet regulator (27).

5. When the desired pressure is achieved, push the air pressure adjustment knob (10) downward to lock the adjustment (Fig I).



## Preparing the Air Brush Gun for use

### Preparation - Mixing and Thinning paint

**IMPORTANT:** The air brush gun cannot be used with materials containing abrasive substances, glazes, caustic or alkaline substances.

**NOTE:** For the best results, surface preparation and paint thinning are the two most important areas. Ensure all surfaces are free of dust, dirt and grease when undertaking this task.

**NOTE:** Follow the manufacturer's guide for thinning and mixing ratios which should be labelled on the paint container. Paint thinning is very much trial and error and testing prior to air brushing the final component is important to get both the thinning of the paint and the pressure correct for job to be performed.

## Recommended Types of Paints to Use

- We recommend water based paints when used for make-up and cake decorating. Water based paints are easy to work with as they are less permanent than other types of paint and water can be used for cleaning. These paints can be purchased at hobby stores or online.

- Acrylic paints cannot be dissolved in water and therefore should only be used for more permanent applications and when the user is familiar with the Air Brush Kit.

**NOTE:** Care must be taken when using acrylic paints, as solvents will be required for cleaning.

## Preparing the Air Brush Gun

This air brush kit contains 2 x paint vessels for use with the air brush gun.

a) 20cc Glass paint jar for spraying (12)

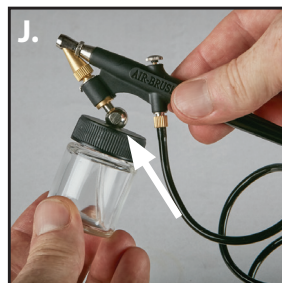
b) 20cc Glass paint jar for storage (14)

### **Installing the 20cc Glass jar (12):**

1. When using the 20cc glass paint jar (12), push it up into the paint inlet connection (23) tightly until it is secure (Fig J). The glass paint jar is held in position by pressure / friction.

**NOTE:** The 20cc glass paint jar (12) has a vent hole (13) to allow air to enter the glass jar which enables fluid to flow into the air brush gun. Ensure it is clean and not blocked (Fig K).

2. Open the lid of the glass paint jar and fill with the selected paint after thinning appropriately according to the paint manufacturer guidelines. Be careful not to overfill.



## Operating the Air Brush Gun



**WARNING:** Wear protective breathing equipment. Paint mist and solvent vapors are damaging to health. Always wear protective breathing equipment and only work in well ventilated rooms or using supplementary ventilating equipment. It is advisable to wear protective clothing, a safety mask, safety glasses, ear protection and gloves.



**WARNING:** NEVER under any circumstances aim the nozzle at another person or animal.



**WARNING:** Always ensure there is adequate ventilation when spraying.

**DO NOT** cover the compressor while it is in use and always keep it well-ventilated.

**DO NOT** leave a running compressor unattended. Do not leave a compressor plugged into the power supply unattended. ALWAYS, turn off the mains supply switch and remove the plug before leaving the compressor. Keep out of reach of children.

1. Turn the on/off switch (1) on the compressor to the "ON" position as indicated by an "I" (Fig L).

**NOTE:** The compressor automatically runs when the pressure at the pressure switch falls below 43.5 PSI. When the pressure at the pressure switch reaches 57 PSI the compressor will stop.

2. By pressing down on the air flow adjustment trigger (20), air will start to flow through the paint outlet (16) (Fig M).

**NOTE:** The size of the spray pattern is in accordance with the distance between the work surface and the nozzle of the air brush gun.

3. For an extra fine spray hold the air brush closer to the work surface (Fig N).



4. When you are finished painting, gently release pressure on the airflow flow adjustment trigger (20) to stop the paint/air flow (Fig O).
5. When you have finished your painting task, turn the compressor to the OFF position as indicated by the "O" on the on/ off switch (1) (Fig L).

**NOTE:** This compressor is fitted with a safety relief valve (5). Should there be a large pressure build up beyond normal operating rates, the safety relief valve will activate and the compressor will cease operation.

In this case, turn off the compressor by pressing on the "O" on the on/ off switch (1), disconnect from the mains power and leave for 10 minutes before commencing operation.

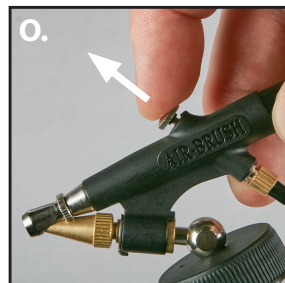
**⚠ WARNING:** If the Compressor is making abnormal sounds or its temperature is quite high, turn off the compressor by pressing on the "O" on the on/off switch (1), and disconnect from the mains power straight away allowing it to cool for at least 10 minutes before trying again. Improper use may result in damage of the compressor.

## Paint Flow Adjustment Dial

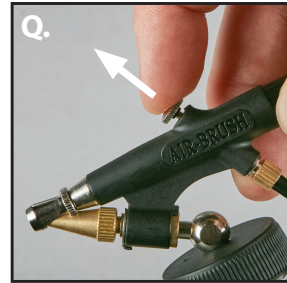
The air brush is fitted with a paint flow adjustment dial (19). This dial can assist in providing a steady and equal amount of paint through the nozzle.

1. To set the paint flow adjustment dial (19), turn it to the left to reduce the amount of paint flow, and to the right to increase the amount of paint flow (Fig P). The further the adjustment dial (19) is turned to the left or right, the more or less paint can pass through the nozzle respectively.

**NOTE:** The paint will not flow until the air flow adjustment screw / trigger (20) is pressed downward.



2. To start the paint flow, you only need to press down on the air flow adjustment trigger (20) for the paint to start to pass through the nozzle.
3. To stop the paint flow, simply depress or remove your finger from the air flow adjustment screw / trigger (20) (Fig Q).



## Tips for Operation

- Before beginning your first project, it's important to learn how to operate and control your air brush gun (15). For your initial practice and experimentation with the equipment, we recommend using water instead of the paint in the glass paint jar (12) until you become more familiar with its use.
- Important: If air does not pass through the hose to the airbrush, check there are no kinks or restrictions along the hose length. If the machine has been used before there may be a dried build up of the colour liquid in the air brush causing a blockage.
- Before you spray directly onto your work piece, it's a good idea to practice on paper first or something similar to what you will be painting with a similar surface.
- To begin spraying, hold the air brush in your hand like a pen with either your index finger or thumb resting on the air flow adjustment screw / trigger (20). Press down on the air flow adjustment screw / trigger (20) to start the air and paint flowing.
- Practice regulating the flow by working the trigger (20) and varying the distance between the spray and the work piece until you're confident controlling the air brush. It is suggested to start by doing simple, wavy lines by holding the air brush close to the paper and barely pulling back on the trigger (20). This will create a finer line.
- Allow colour to dry until there is no shine and don't be tempted to touch the sprayed area as this will smudge the sprayed area.
- Always clean the air brush gun after each use to ensure paints do not clog in the air gun nozzle.

# Cleaning

## Cleaning the Air Brush Gun

### *Solvents for Cleaning*

Clean the air brush gun as per the solvents in the chart below:

| <i><b>Paint Used</b></i> | <i><b>Solvent Needed for Cleaning</b></i> |
|--------------------------|-------------------------------------------|
| Laquer Laquer            | Thinner                                   |
| Acrylic Based Paint      | Water                                     |
| Oil Based Enamels        | Paint Thinner                             |

The air brush gun is a precision instrument and to work effectively, careful maintenance is essential.

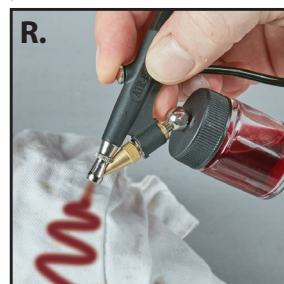
It's important to clean the air brush gun as soon as you have finished spraying as some paints used with the equipment will dry very quickly. It is also recommended to clean the air brush gun in-between use of different colours which can be done with water or solvents.

1. Remove all remaining paint from the glass jar (12) by depressing the air brush trigger (20) and expelling the remaining paint into an old cloth or strong paper towel (Fig R).

**NOTE:** DO NOT empty down the sink – it's important to use a cloth or paper towel to absorb the colour.

2. Following the safety instructions applicable to the chosen cleaning solvent, and wearing the appropriate personal protective clothing according to the cleaning solvent, half fill the air brush glass jar (12) with the cleaning solvent.

**NOTE:** Using a cleaning solvent OR water is dependent upon the type of paint you are using. Refer to the chart above.



3. Using a small artist's bristle brush/ or a make up brush, gently clean the interior of the glass jar (12) (Fig S).

**IMPORTANT: DO NOT** use cotton buds or similar items as small fibres can be deposited and cause a blockage in the air brush nozzle.

4. Carefully spray the cleaning solvent through the air brush into an old cloth or strong paper towel.

**NOTE:** To minimize airborne particles in the atmosphere use additional cloths or paper towels.

5. Wipe away any traces of the air brush cleaning solvent from the exterior of the air brush gun body. Cleaning should continue until there is no paint visible in the glass jar (12) or on the cloth or paper towel.
6. Replace the needle cover (21) ensuring the fitting is screwed on finger tight.
7. Flush water through the airbrush to remove any airbrush cleaner residue.



## Cleaning / Replacing the Air Intake Filter

The function of the compressor is to draw ambient air from the atmosphere into the compressor where it is compressed and then discharged from the outlet of the compressor.

As it enters the compressor, the air is filtered to prevent dirt entering the compressor. This prolongs the life of the compressor and ensures a clean air flow ready for use.



**WARNING:** Ensure the compressor is turned off and unplugged from the mains power before undertaking this task.

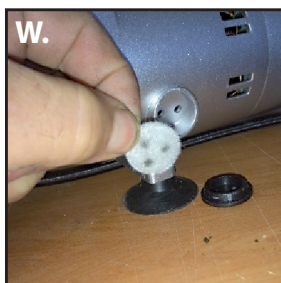
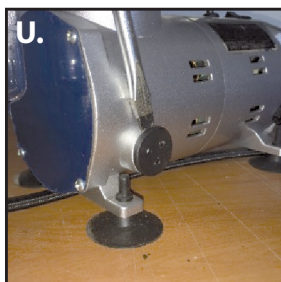
1. The air inlet filter (8) is located on the side of the housing of the compressor (Fig T). The black cap is a push fit and can be easily prised off with a flat blade screw driver (Fig U).
2. After removing the cover, the small air filter will be exposed (Fig V). Remove the air filter (Fig W).

3. The air filter can be washed in warm soapy water. Do not use solvents. Finish off with running warm water and then allow to completely dry.
4. If the filter is damaged or clogged with dirt etc., the filter should be replaced.
5. Replace the cleaned or new filter into the housing of the compressor (Fig X), and press fit the air inlet filter cover back into the compressor housing over the air filter.



**WARNING:** DO NOT operate the compressor without a filter in place.

**NOTE:** Replacement air filters are available for purchase by calling us on 1300 889 028 or emailing [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)



## Draining the Water Trap

During normal compressor operation, moisture in the air is also compressed and then trapped in the clear plastic reservoir directly below the outlet regulator. The water trap is a means to assist in the separation of the air and water so excess water is restricted from spraying out with the air and in turn onto the job being painted.

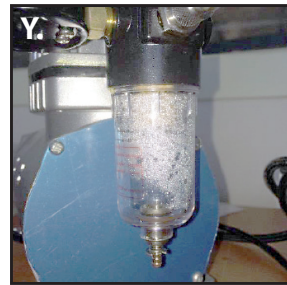
The amount of water collected in the water trap will depend on the humidity of the air and the duration the compressor is operating.

It is suggested to check the reservoir every time the compressor is started and if water has pooled in the base of the reservoir, drain the reservoir.

The collection of water in the reservoir is a normal activity of a compressor.

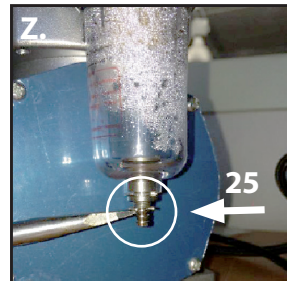
### To drain the water trap, follow these steps:

1. Check the water level in the reservoir (Fig Y) and if there is ANY pooling of water in the bottom of the reservoir, depress the drain release valve (25) at the base of the reservoir (Fig Z). A flat bladed screw driver is suitable for this application. The small valve can be lifted by the small clip on the valve.



**NOTE:** Water will drip from the tube outlet of the valve so ensure there is a small container under the valve to collect the water.

2. If the water does not drip freely from the valve and still remains in the reservoir, you can turn on the compressor for a couple of seconds and then turn the compressor off.
3. Re-open the drain valve on the reservoir as above, BUT NOTE, the water will spurt a little from the outlet tube.
4. When you release the drain release valve (25), the valve will automatically close.
5. Ensure to clean up any excess water discharged from the drain release valve (25).



## Cleaning the Compressor



**WARNING:** Ensure the compressor is turned off and unplugged from the mains power before undertaking this task

1. To clean the casing of the compressor, carefully wipe the surface with a soft cloth, dampened with a little water or a cloth dipped in water or neutral detergent.



**WARNING:** Never immerse the unit in water or any other liquid, and DO NOT use abrasive cleaners, steel wool or abrasive materials or cleansers.

2. Release excess air from the air hose (11) and drain all remaining water out of the air outlet fitting/connection (9) from the compressor.
3. Disconnect the air brush gun (15) from the air hose (11).
4. Periodically check all parts before reassembly.

## Maintenance



**WARNING! It is dangerous to use the compressor if it is damaged.**

If the compressor is damaged, behaving abnormally or making strange noises, call our Customer Service on 1300 889 028, or email [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com) for advice on repair before resuming normal operations.

Maintenance and servicing of your air brush/compressor should only be performed by one of our qualified Service Agents or a qualified technician.

Always ensure the on/off switch (1) is in the OFF position, as indicated by an "O" on the on/off switch (1), and the compressor is unplugged from the mains power before carrying out any maintenance or cleaning procedures. Failure to do so may result in serious injury.

Maintain your compressor with care. Keep it clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect cords and air hoses periodically and, if damaged, have them repaired by an authorised technician/ Service Agent.

The carry handle (2) must be kept clean, dry and free from oil and grease at all times.

Drain the air compressor water trap daily. DO NOT allow moisture to build up inside the water trap.

### Storage

Store the air brush gun and the compressor with the power cable loosely coiled.

Never wrap it tightly around the air brush and compressor as this can cause damage to the cord.

## Warranty

Your new FERREX® 150W Air Brush Kit will more than satisfy your expectations. It has been manufactured under stringent FERREX® Quality Standards to meet superior performance criteria.

You will find your new FERREX® 150W Air Brush Kit easy and safe to operate, and, with proper care, it will give you many years of dependable service.

**CAUTION.** Carefully read through this entire instruction manual before using your new FERREX® 150W Air Brush Kit.

Take special care to heed the Cautions and Warnings.

Your FERREX® 150W Air Brush Kit has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this Air Brush Kit, making it easy to maintain and operate.

Use only FERREX® replacement parts for your product. Non-conforming parts or modifications made to parts will void your warranty.

## Environmental protection



Recycle unwanted materials instead of disposing of them as waste.

All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

Dispose of used engine oil in a manner that is compatible with the environment.

We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it into the earth.

## What your 3 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly.

In the event of product failure within its intended use over the course of the first 3 years after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028 or email: [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)

## Accessories and After Sales Parts

When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool.

Should you find the following accessories are worn or past their user life, replacements can be purchased online via our website: <https://help.tools>



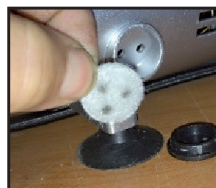
1. Replacement  
20cc Glass Paint  
Jar for spraying.



2. Replacement  
20cc Glass Pain  
Jar for storage.



3. Replacement  
air hose.



4. Air Filter

## Troubleshooting

| Problem                             | Possible Cause                                                                                                                                                                                                                                        | Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insufficient pressure.              | Damaged air hose (11).<br>Loose air connections.<br><br>Loose cylinder body cover screws.                                                                                                                                                             | Replace the air hose (11).<br>Check and tighten loose air connections.<br>Tighten cylinder body cover screws.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Knocks while compressor is loading. | Defective connection rod bearings.<br>Defective wrist pins and wrist pin bearing.                                                                                                                                                                     | Take the compressor to one of our qualified Service Agents for review / repair.<br>Take the compressor to one of our qualified Service Agents for review / repair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Motor does not work                 | Damaged power cord.<br><br>Defective electrical wiring.<br><br>No electrical power.<br><br>Power switch is defective.<br><br>Motor is too hot.<br><br>Check the regulator has not been adjusted too low.<br><br>Pressure is at the shut off pressure. | Take the compressor to one of our qualified Service Agents or a qualified technician for review / repair.<br>Take the compressor to one of our qualified Service Agents for review / repair.<br>Plug the power cord (3) into a working 220 volt mains power socket.<br>Take the compressor to one of our qualified Service Agents for review / repair.<br>Turn Off the compressor at the mains switch, remove the plug and Allow the motor to cool for 15 minutes.<br>Adjust the regulator 3 turns in a clockwise direction to increase pressure and depress the air brush trigger.<br>Release air pressure by operating the air brush. |
| Motor makes strange noises          | Loose or damaged bearings.<br>Loose connection rod screws.                                                                                                                                                                                            | Take the compressor to one of our qualified Service Agents for review / repair.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Motor running but no air pressure   | Check the air intake filter.<br><br>If motor is operating continually with no pressure and air intake is clear.                                                                                                                                       | Ensure the filter is not blocked or the holes in the air filter cover are not blocked.<br>Take compressor to service agent for review.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Spray pattern poor                  | Airbrush paint outlet nozzle is dirty or blocked.<br>Loose air connections.<br>Paint is too thick.                                                                                                                                                    | Replace or clean the paint outlet nozzle.<br>Check and tighten any loose air connections.<br>Mix appropriate thinner into the paint.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Suddenly stops working              | Bad valve.<br>Loose or damaged bearings.                                                                                                                                                                                                              | Take the compressor to one of our qualified Service Agents for review / repair.<br>Plug compressor into alternate electrical power source.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

For all other issues, please contact Customer Service on 1300 889 028 or email [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)

## Technical Specifications

### Compressor:

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Voltage:                         | 220-240V ~ 50Hz                   |
| Compressor Type:                 | Single Cylinder Piston compressor |
| Power:                           | 150W S3 20%                       |
| Speed:                           | 1450 min <sup>-1</sup>            |
| Air output per min/litres:       | 20 - 23 l/min.                    |
| Max Allowable Working Pressure.: | 4 Bar                             |
| Power Cord length:               | 1.5m                              |
| Weight:                          | 3.5kg                             |
| Product Dimensions:              | 255mm (L) x 135mm (W) x 205mm (H) |

### Air Hose

|              |                         |
|--------------|-------------------------|
| Connections: | M5 x 0.5mm pitch thread |
| Length:      | 1.6m                    |
| Diameter:    | 4 x 2mm                 |

### Air Brush Gun

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| Feed Type:                  | Siphon                                                                               |
| Nozzle Diameter:            | 0.8mm                                                                                |
| Working Pressure:           | 15-50 PSI                                                                            |
| Control:                    | Push Button                                                                          |
| This product complies with: | EMC:<br>EN 55014-1:2017<br>EN 55014-2:2015<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013 |

### Safety:

EN 1012-1:2010  
IEC 60335-1:2010+A1:2013+A2:2016  
AS/NZS 60335.1:2020



ALDI guarantees that our exclusive brand products are developed to our stringent quality specifications. If you are not entirely satisfied with this product, please return it to your nearest ALDI store, within 60 days from the date of purchase, for a full refund or replacement, or take advantage of our after sales support by calling the supplier's Customer Service Hotline.



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#### **AFTER SALES SUPPORT**



**1 300 889 028 (toll free)**

**e-mail: [info.aldi@positecgroup.com](mailto:info.aldi@positecgroup.com)**

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# 3

**YEAR WARRANTY**

