



12V DIGITAL TYRE INFLATOR/MINI AIR COMPRESSOR

MODEL NO'S: **MAC04D, MAC05D**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instruction
manual

1. SAFETY

- ☐ **WARNING!** Read instructions before use. Suitable for 12V operation only.
- ☐ **WARNING!** This compressor is capable of producing a high pressure. **DO NOT** inflate any item beyond its maximum capacity.
- ☒ **DO NOT** leave the unit unattended while in operation.
- ☒ Check capacity and maximum pressure of any inflatable before commencing inflation.
- ☒ Monitor the pressure gauge while in operation.
- ☒ The gauge should be used as an indication of pressure only. We recommend the use of a dial pressure gauge for definitive reading.
- ☒ Locate compressor on an appropriate surface for use.
- ☒ The 12V auxiliary plug must not be substituted with any other type of plug or electrical supply.
- ☒ **DO NOT** direct inflation hose connector head at yourself, others or animals.
- ☒ **DO NOT** carry by the hose, or pull the hose sharply from a valve.
- ☒ **DO NOT** pull the power cable from the vehicle accessory socket or battery terminal by the power lead.
- ☒ **DO NOT** get the compressor wet or use in the rain.
- ☒ **DO NOT** use the compressor for a task it was not designed to perform.
- ☒ **DO NOT** operate the compressor when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- ☒ **DO NOT** operate the compressor if any parts are missing as this may cause failure or possible personal injury.
- ☒ **DO NOT** open the unit.
- ☒ Keep children and non essential persons away from the inflation area.
- ☒ Keep the compressor clean and in good condition.
- ☒ Replace or repair damaged parts. Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.

2. INTRODUCTION

MAC04D: Digital mini air compressor with delivery of 25L/min. Will automatically inflate tyres to preset pressure without the need for fiddly gauges. Air output hose features quick release coupling. Suitable for inflating tyres on cars. Supplied in a storage bag with 5m power cord with plug for use in vehicle accessory socket, 2m high pressure hose with screw-on connector and accessory kit including ball needle and adaptors for inflatables.

MAC05D: Mini air compressor with delivery of 50L/min. Will automatically inflate tyres to preset pressure without the need for fiddly gauges. Air output hose features quick release coupling. Suitable for inflating tyres on lawnmowers, motorcycles, cars and vans. Supplied in a storage bag with accessory kit including ball needle and adaptors for inflatables.

3. SPECIFICATION

Model No	MAC04D	MAC05D
Hose length	2m	4.5m
Power cord length	5m	3m
Power connection	Accessory plug	Battery clamps
Operating voltage	12V	12V
Tyre Inflation time (175/70/R13 tyre)	0-30psi in 139sec	0-30psi in 104sec
Maximum current	13A	20A
Maximum pressure	100psi	100psi

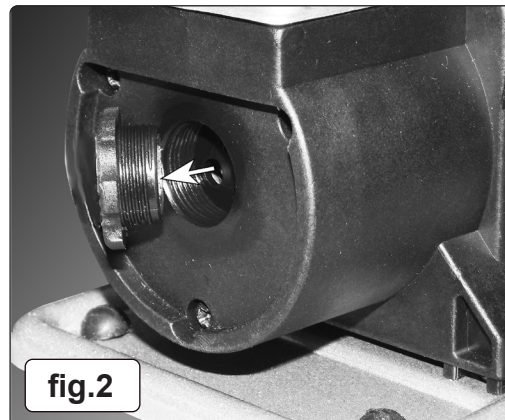
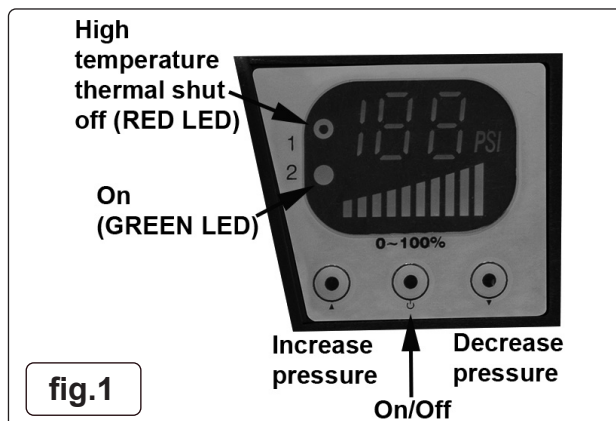
4. OPERATION

- ☐ **WARNING!** Ensure you have read and understood the safety
- 4.1. Place the compressor on a sound, flat surface ensuring that the inflation air hose can reach the tyre valve.
NOTE: It is recommended that the car's engine is running during compressor use to operate it under optimal voltage requirements and to prevent a flat battery. Beware of exhaust fumes.
 - 4.2. Remove the valve cap and attach the compressor chuck to the vehicle tyre. Press the chuck firmly down onto the valve end, then lower locking lever down to secure the chuck to the valve stem.



IMPORTANT: Inflation will only be effective if the connector head is fully fitted and secured onto the valve.

- 4.3. We recommend the use of a dial pressure gauge for a definitive reading of tyre pressure.
- 4.4. Connect compressor power cables directly to vehicle battery or 12V DC power source. Red Positive (+) clamp to Positive battery terminal, Black Negative (-) to battery Negative terminal. **PLEASE TAKE CARE NOT TO ACCIDENTALLY REVERSE THE POLARITY!**
- 4.5. Set the target pressure on the compressor LED display by using the UP or DOWN buttons, fig.1. To start the compressor, press the ON (middle) button, the green operation LED will illuminate. The compressor will automatically turn off when the target pressure is reached. The gradient reading LED below the target pressure will show progress during inflation.
- 4.6. If your target pressure is lower than the existing tyre pressure, when the chuck is connected with power on the gradient gauge will be completely lit and the compressor will not start operation. Manually deflate the tyre by depressing the valve until the pressure is below your target, and then complete the above steps.
- 4.7. **THERMAL PROTECTION**
- 4.7.1. This compressor is fitted with a high temperature thermal shut off to protect the compressor if it is overloaded. If the unit gets too hot, it will automatically turn off until it cools down again. When this occurs, the red LED indicator will illuminate showing this condition, fig.1. The compressor can be restarted once the red LED goes out.



- 4.8. **AIR FILTER** see fig.2
- 4.8.1. The compressor has a serviceable foam air filter to prevent debris entering the internal workings. To clean remove the foam pad, (unscrew end thumb wheel) rinse with mild soapy water. Wait for the pad to completely dry before refitting.
- NOTE:** As the delivery pressure increases, the pump delivery volume will decrease.
- 4.9. Remove the air hose from the tyre valve. Switch off the vehicle engine. Replace the dust cap onto the valve.
- 4.10. After use, disconnect the compressor from the vehicle accessory socket or battery and store it in a safe, dry location.
- 4.11. **GENERAL INFORMATION**
- 4.11.1. The time it will take to inflate a tyre will depend upon the amount of air required.
- 4.11.2. Should the compressor fail to start when switched on, check the connections and fuse see 4.11.
- NOTE:** The compressor may also be used to inflate items such as inflatable dinghies, sports balls, air beds etc. Use the appropriate inflation nozzle for the item.
- CAUTION:** Some items may not indicate pressure required or the maximum pressure. Be careful not to over-inflate.
- NOTE:** The pressure gauge is not a calibrated instrument. It is recommended to use an approved dial pressure gauge for a definitive reading.
- 4.12. **FUSES**
- The compressors are protected by an automotive style blade fuse. The fuse is housed in the rubber holder which is part of the supply lead. **DO NOT** replace the fuse with any not of the same specification as the original.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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