

### PART No. MMACM3 MMACA4

### WIRELESS AIR COMPRESSOR

### **MAXI 4X4 III**

- Powerful 110 Litres Per Minute Free Air Delivery (29 Gallons Per Minute / 6,700 Cubic Inches Per Minute)
- 55 Minute Duty Cycle @ 40 PSI (276 kPa)
- Thermal Cut Out and Auto Reset Circuit Protection
- 0.65HP (0.48kW) Permanent Magnet Motor
- 45mm (1.8") Diameter Cylinder
- Built-in Air Filter
- **5m (16.5') Rubber Air Hose with Quick Connectors**
- Dual Control Wireless (via Remote) and Manual

### **ADVENTURER IV**

- Powerful 180 Litres Per Minute Free Air Delivery (47.5 Gallons Per Minute /11,000 Cubic Inches Per Minute)
- 45 Minute Duty Cycle @ 40 PSI (276 kPa)
- Thermal Cut Out and Circuit Breaker Protection
- 0.73HP (0.54kW) Permanent Magnet Motor
- 60mm (2.4") Diameter Cylinder
- Built-in Air Filter
- **5m (16.5') Rubber Air Hose with Quick Connectors**
- Dual Control Wireless (via Remote) and Manual



......

**SAVE THIS MANUAL:** Keep this manual in a safe place for future reference. This manual contains useful information relating to the safe use of an air compressor.

## OPERATION MANUAL

### **WARNING!**

#### TO PREVENT SERIOUS INJURY, PLEASE READ AND UNDERSTAND ALL WARNINGS AND INSTRUCTIONS BEFORE USE.

Due to continuing improvements, actual product may differ slightly from the product described. Items described such as tools and hardware within this operation manual may not be included. Images and drawing are for illustrational purposes only. Instructions in this manual are a guide only as individual requirements and/or circumstances may be different.

# **COMPRESSOR FEATURES**



#### FCC ID: 2AKJ8-MMACRC

This device was tested after assembly and complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may caused undesired operation.





### MAXI 4X4 III AIR COMPRESSOR

110 Litres Per Minute (29 Gallons Per Minute / 6,700 Cubic Inches Per Minute) 12 Volt DC 55 Minutes at 40 PSI (276 kPa) 0.65HP (0.48kW) 40 Amp
55 Minutes at 40 PSI (276 kPa) 0.65HP (0.48kW)
0.65HP (0.48kW)
40 Amp
150 PSI (1,034 kPa)
45mm (1.8")
60°C (140°F)
-40°C (-40°F)
Active at 105°C (220°F)
Cooling Fins
2.4m (7.8') with Durable Battery Clamps
ON/OFF Toggle Switch & Premium Wireless Remote System
2.4GHz <5.5dBm (3.6mW) - Powered by 1 x 12V 23A L1028 Alkaline Battery
40 Amp Auto Reset Circuit Breaker
0.5m (1.65') Rubber Hose with Quick Connectors, Pressure Gauge & Air Bleed-Off Button
5m (16.5') Rubber Air Hose with Quick Connectors
1 x Screw-On Fitting & 1 x Thumb Lock Quick Connector
0-150 PSI (0-10 BAR / 0-1,034 kPa)
27cm x 14.5cm x 19cm (10.6" x 5.7" x 7.5")
5.6kg (12.3lb)
Metal Sand Tray with Rubber Feet - Can be Permanently Mounted to a Vehicle
Carry Bag with Zipper
Inflation Adaptors for Camping & Equipment

Operation Time vs Pressure (Tyre Inflation)*			
Tyre - 205/60 R16		Tyre - 2	75/70 R16
Time (Minutes, Seconds)	PSI (kg/cm <sup>2</sup> )	Time (Minutes, Seconds)	PSI (kg/cm²)
0 Min, 48 Sec	14.2 PSI (1 kg/cm <sup>2</sup> )	1 Min, 42 Sec	14.2 PSI (1 kg/cm <sup>2</sup> )
1 Min, 30 Sec	28.4 PSI (2 kg/cm <sup>2</sup> )	3 Min, 24 Sec	28.4 PSI (2 kg/cm <sup>2</sup> )
2 Min, 24 Sec	42.6 PSI (3 kg/cm <sup>2</sup> )	5 Min, 24 Sec	42.6 PSI (3 kg/cm <sup>2</sup> )
3 Min, 15 Sec	56.8 PSI (4 kg/cm <sup>2</sup> )	7 Min, 30 Sec	56.8 PSI (4 kg/cm <sup>2</sup> )

Flow Rate (L/M) vs Amp Draw vs Pressure (Continuous Operation)*		
Air Flow (L/Min)	Motor Amp Draw	PSI (kg/cm²)
110 L/Min	18 Amps	0 PSI (0 kg/cm²)
105 L/Min	22 Amps	14.2 PSI (1 kg/cm <sup>2</sup> )
80 L/Min	24 Amps	28.4 PSI (2 kg/cm <sup>2</sup> )
68 L/Min	28 Amps	42.6 PSI (3 kg/cm <sup>2</sup> )
60 L/Min	31 Amps	56.8 PSI (4 kg/cm <sup>2</sup> )
55 L/Min	33 Amps	71.0 PSI (5 kg/cm²)
*As tested at DC13V, individual results may vary depending on each compressor and environmental conditions.		

Copyright  $\ensuremath{^\odot}$  2020 Haigh Australia Pty Ltd



## ADVENTURER IV AIR COMPRESSOR

General Information		
Maximum Air Flow	180 Litres Per Minute (47.5 Gallons Per Minute / 11,000 Cubic Inches Per Minute)	
Voltage	12 Volt DC	
Duty Cycle	45 Minutes at 40 PSI (276 kPa)	
Motor Output Power	0.73HP (0.54kW)	
Maximum Current	45 Amp	
Maximum Pressure	150 PSI (1,034 kPa)	
Cylinder Diameter	60mm (2.4")	
Max. Ambient Temperature	60°C (140°F)	
Min. Ambient Temperature	-40°C (-40°F)	
Thermal Cut Out Protection	Active at 105°C (220°F)	
Cooling	Cooling Fins	
Power Cables	2.4m (7.8') with Durable Battery Clamps	
Controls	ON/OFF Toggle Switch & Premium Wireless Remote System	
Wireless Remote Control	2.4GHz <5.5dBm (3.6mW) - Powered by 1 x 12V 23A L1028 Alkaline Battery	
Electrical Current Protection	Circuit Breaker with Reset Button	
Adaptor Hose	0.5m (1.65') Rubber Hose with Quick Connectors, Pressure Gauge & Air Bleed-Off Button	
Extension Hose	5m (16.5') Rubber Air Hose with Quick Connectors	
Valve Connectors	1 x Screw-On Fitting & 1 x Thumb Lock Quick Connector	
Pressure Gauge	0-150 PSI (0-10 BAR / 0-1,034 kPa)	
Overall Dimensions (L x W x H)	32.5cm x 15cm x 26.5cm (12.8" x 5.9" x 10.4")	
Net Weight	8.7kg (19.2lb)	
Solid Base Plate	Metal Sand Tray with Rubber Feet - Can be Permanently Mounted to a Vehicle	
Storage	Carry Bag with Zipper	
General Accessories	Inflation Adaptors for Camping & Equipment	

Operation Time vs Pressure (Tyre Inflation)*			
Tyre - 205/60 R16		Tyre - 2	75/70 R16
Time (Minutes, Seconds)	PSI (kg/cm <sup>2</sup> )	Time (Minutes, Seconds)	PSI (kg/cm²)
0 Min, 36 Sec	14.2 PSI (1 kg/cm <sup>2</sup> )	1 Min, 18 Sec	14.2 PSI (1 kg/cm <sup>2</sup> )
1 Min, 12 Sec	28.4 PSI (2 kg/cm <sup>2</sup> )	2 Min, 36 Sec	28.4 PSI (2 kg/cm <sup>2</sup> )
1 Min, 48 Sec	42.6 PSI (3 kg/cm <sup>2</sup> )	4 Min, 00 Sec	42.6 PSI (3 kg/cm <sup>2</sup> )
2 Min, 30 Sec	56.8 PSI (4 kg/cm <sup>2</sup> )	5 Min, 30 Sec	56.8 PSI (4 kg/cm <sup>2</sup> )

Flow Rate (L/M) vs Amp Draw vs Pressure (Continuous Operation)*		
Air Flow (L/Min)	Motor Amp Draw	PSI (kg/cm²)
180 L/Min	27 Amps	0 PSI (0 kg/cm²)
140 L/Min	35 Amps	14.2 PSI (1 kg/cm <sup>2</sup> )
117 L/Min	37 Amps	28.4 PSI (2 kg/cm <sup>2</sup> )
100 L/Min	39 Amps	42.6 PSI (3 kg/cm <sup>2</sup> )
85 L/Min	40 Amps	56.8 PSI (4 kg/cm <sup>2</sup> )
73 L/Min	40 Amps	71.0 PSI (5 kg/cm <sup>2</sup> )
*As tested at DC13V, individual	results may vary depending on each compres	ssor and environmental conditions.

Copyright  $\ensuremath{^\odot}$  2020 Haigh Australia Pty Ltd

#### UNPACKING

When unpacking, please check to ensure all parts are included. Refer to colour box packaging for included accessories. Should any part be missing or broken, please call your local distributor where you purchased this compressor from as soon as possible.

# **COMPRESSOR PRINCIPLES**

# IMPORTANT: This compressor is designed for operation on a 12 Volt electrical system / supply ONLY.

Mean Mother Air Compressors have many uses when 4wdriving, camping, fishing, caravanning as well as around the home. It is important for the safety and performance of any vehicle, trailer or caravan that the tyre pressures are regularly checked and maintained. For the 4WD traveller tyre pressure will need to be varied depending on the terrain travelled. Highway and bitumen roads require high pressures, whereas terrains such as sand will require a low pressure to increase the 4WD's tyre traction. By travelling with a Mean Mother Air Compressor you will have the ability to adjust the tyre pressure safely and reliably according to the terrain travelled, as well as inflate tyres that have been repaired after a puncture.

NOTE: This compressor is not designed for quick inflation of high volume low pressure items such as air beds or inflatable boats. A more suitable item for this application would be a 12 Volt high volume air pump such as the Dr Air AC100.



Mean Mother Air Compressors are designed for reliability, performance, versatility, and ease of operation. We are so confident in our product we offer a limited 5 year warranty.

#### F.A.D. (FREE AIR DELIVERY) RATING:

F.A.D. (Free Air Delivery) rating is the actual quantity in Litres per Minute, Gallons Per Minute and Cubic Inches Per Minute of compressed air that is discharged at 0 PSI from the compressor unit.

#### **OPERATING RATING:**

The Litres per Minute, Gallons Per Minute and Cubic Inches Per Minute ratings and inflation times vary according to how much pressure is in the tyre being inflated. The lower the pressure in the tyre results in a greater Litres per Minute, Gallons Per Minute and Cubic Inches Per Minute capability.

Mean Mother Air Compressors F.A.D. (Free Air Delivery) have been rated at 0 PSI. Please refer to the front of this manual for full details of the compressor performance at varying pressure levels.

#### **POWER CONSUMPTION:**

A Mean Mother Air Compressor operates off your vehicle's battery system or 12 Volt power supply. Air compressors can consume a lot of power, for maximum performance the battery system or power supply must be in excellent condition. Where possible you should have your vehicle engine running to maintain a charging current to the battery. The compressor will still operate if the engine is not able to be switched on, so long as the battery is in excellent condition. During operation monitor your battery voltage so it does not get too low to restart the vehicle. Please refer to the front of this manual for full details on the compressor's amperage (amp) draw details. All details in this manual are based on a continuous operation cycle.

#### **OVERHEATING PROTECTION:**

This air compressor is equipped with an automatic thermal cut out protection device. If the compressor reaches an unsafe operating temperature, a protection circuit will cut the power to prevent damage. If the protection circuit activates, immediately disconnect the unit from the power source and allow it to cool.

The compressor should take approximately 15 minutes to cool depending on ambient conditions. The compressor protection circuit will automatically reset when the temperature returns to a safe operating level.

NOTE: The thermal cut out will operate when the motor reaches 105°C. The cylinder head will operate at a higher temperature. IMPORTANT: Please refer to the front of this manual for full details on the maximum duty cycle of the air compressor. Always allow your compressor to cool before reuse.

#### WARNING

Mean Mother Air Compressors generate a lot of heat so wear appropriate gloves to protect your hands. DO NOT touch the unit with bare hands after operation, use the carry handle. Always allow the compressor to cool completely before storage.

# SAFETY WARNING & OPERATING PRECAUTIONS

### When using this air compressor, safety precautions should always be followed to reduce the risk of personal injury and damage to the air compressor.

#### **POWER CONNECTION:**

Use caution when connecting the unit to a power source, as batteries can vent explosive gasses. Avoid connections that could produce a spark. Consult your vehicle's manual or a qualified mechanic for proper connection procedures.

#### **SAFE HANDLING:**

Only move and hold the unit by the carry handle. NEVER carry the air compressor by the hose or power cords.

#### **INFLATION:**

Only inflate the tyres to the manufacturer's recommended pressure (consult your vehicle's manual or check for a sticker inside the driver's door frame or glove box for vehicle manufacturer specifications). DO NOT over inflate, as tyre failure or serious injury could occur.

NOTE: This air compressor is not fitted with a pressure relief valve.

#### **STOPPING AND RESTARTING:**

Turning the air compressor "ON" at high pressure can overload the unit and result in blowing the fuse or tripping the circuit breaker. If starting at a higher inflation pressure, it is a good idea to turn the compressor "ON" first before attaching the hose to the tyre valve. If you are stopping the air compressor and restarting during an inflation operation, then you should remove the hose from the valve once you have turned the air compressor "OFF", then turn the air compressor "ON" and reconnect to the tyre valve.

#### **WORKING AREA CONDITIONS:**

Keep the working area well lit. DO NOT use this air compressor in the presence of flammable gases or liquids. Use the air compressor in dry conditions only to avoid potential risk of electrical shock.

#### **KEEP CHILDREN AWAY:**

Keep children away from working area. NEVER let children operate the air compressor.

#### **USE LEATHER GLOVES:**

When handling the air compressor, always use hand protection to eliminate the possibility of burns.

#### **USE SAFETY GLASSES:**

Always wear approved safety glasses when working with compressed air from your air compressor. NEVER aim the air stream at anyone's eyes or skin.

#### **CORRECT USE OF COMPRESSED AIR:**

DO NOT use the air compressor for pumping, compressing or transferring any gas or liquid other than

Copyright © 2020 Haigh Australia Pty Ltd

air. This air compressor is NOT designed for use as a source of breathable air.

#### **FREE AIR FLOW:**

This air compressor is designed for continuous air flow. Never block the flow of the air with any device or accessory. Damage to the air compressor or serious injury may occur and void the manufacturer's warranty.

#### **SMALL ITEMS:**

Extra caution should be taken when inflating small objects such as small tyres, bicycle tyres and sporting balls as rapid inflation will occur. Pay close attention to the pressure gauge and be prepared to stop the air compressor when desired or manufacturer's recommended pressure.

#### **STAY ALERT:**

Watch what you are doing. Use your common sense. DO NOT use this air compressor when you are tired,

stressed or WHEN UNDER THE INFLUENCE OF DRUGS, ALCOHOL OR MEDICATION.

#### **REPLACEMENT PARTS & ACCESSORIES:**

The air compressor is permanently lubricated during manufacture. It is not necessary to lubricate this unit.

Only genuine replacement parts should be used when repairing or servicing the unit. Never use an air compressor that shows any signs of damage.

#### WARNING LABELS AND STICKERS:

DO NOT discard or remove any warning labels or name plates on this air compressor. These contain important safety information. If unreadable please contact your nearest distributor to arrange replacement stickers.

#### **MODIFICATIONS:**

Never drill or modify this air compressor in any way. This will void the manufacturer's warranty.

# **OPERATING YOUR AIR COMPRESSOR**

Before operating the air compressor check that you are in a safe location away from busy roads and traffic, inspect the compressor and accessories for any sign of damage. If there are signs of damage do not use the air compressor and replace damaged parts.

**STEP 1:** Place the compressor on a dry level surface near the 12 Volt vehicle battery or power source.

- **STEP 2:** Connect the 5 metre air hose to the air compressor using the quick connector, then attach the 0.5m adaptor hose with gauge. To use the quick connector, follow these steps:
  - 1. Slide the retaining ring back on the female air hose quick connector on the hose and hold.
  - 2. Connect the 5 metre air hose to the air compressor by firmly inserting the male quick connector located on the air compressor unit into the female quick connector.
  - 3. Release the retaining ring to lock the connectors in place.



Note: If your tyres are within reach, it is possible to use the 0.5m adaptor hose with gauge independent of the 5 metre air hose using the same procedure as described above.

- **STEP 3:** Choose whether you wish to use the screw type connector or the thumb lock adaptor. The screw type connector will give you the best results.
  - a) The screw type connector is already attached to the 0.5 metre adaptor hose (with gauge) and is ready for use.
  - **b)** If you choose the thumb lock adaptor, simply screw the end of the thumb lock adaptor into the screw type connector on the 0.5 metre adaptor hose (with gauge); ensure a good seal is made. The thumb lock adaptor is now ready to connect.
- **STEP 4:** Connect the RED battery alligator clip to your 12 Volt battery or power source's POSITIVE (+) terminal. Connect the BLACK battery alligator clip to your 12 Volt battery or power source's NEGATIVE (-) terminal.
- **STEP 5:** Test the connections and air flow by switching the compressor ON with the "ON/OFF" switch located on the body of the compressor or with the "ON/OFF" button located on the wireless remote control.

NOTE: The air compressor body "ON/OFF" switch and the "ON/OFF" button on the wireless remote control work in unison. That means you can switch the air compressor "ON" with one power supply switch and "OFF" with the other or just use one power activation source to control the power of your air compressor.

#### CAUTION: Direct the hose away from yourself or any persons nearby when testing the air compressor.

- **STEP 6:** Inflating the tyre. Connect the air hose to the tyre by removing the valve cap (if equipped) from the tyre valve system.
  - a) If using the screw type connector. Screw the brass inflator onto the tyre valve system (finger tight only).
  - **b)** If using the thumb lock adaptor, using your thumb press and hold the lever down, firmly press onto the tyre valve system to create a good seal, now release the lever.

Inflate the tyre by switching "ON" the compressor unit with the "ON/OFF" switch located on the body of the air compressor or with the "ON/OFF" button located on the wireless remote control. Watch the pressure gauge closely to monitor the tyre pressure. Once the correct or preferred pressure has been reached, turn the air compressor "OFF".

Refit the valve cap after you have completed the inflation process.

Our specially designed hose system with its integrated dial pressure gauge and quick connect point allows you to inflate and check pressures accurately without needing to turn the air compressor OFF. While the air compressor's motor is running, carefully disconnect the 0.5m hose from the 5m hose. The one-way valve in the 0.5m hose will not allow air to escape, and will give you an accurate pressure reading on the dial gauge now that the air is not passing through from the air compressor. If you read the gauge and require more air, with the air compressor still running simply reconnect the hose and add more air, if you need to reduce the air simply press the deflation button located on the bottom of the gauge and set to your desired pressure.

IMPORTANT INFLATION NOTE: Turning the air compressor "ON" at high pressure can overload the unit and result in blowing the fuse or tripping the circuit breaker. If starting at a higher inflation pressure, it is a good idea to turn the compressor "ON" first before attaching the hose to the tyre valve. If you are stopping the air compressor and restarting during an inflation operation, then you should remove the hose from the valve once you have turned the air compressor "OFF", then turn the air compressor "ON" and reconnect to the tyre valve.

NOTE: The pressure gauge can often read higher during the inflation process due to the air flow through the hose, once the air compressor is turned "OFF" you may find the actual pressure is not quite enough and you may need to turn the compressor back "ON" to add some more air. If you have to turn the compressor back "ON" to add more pressure then you should follow the above inflation note.

**STEP 7:** Allow your compressor to cool before stowing away. Place cooled compressor neatly into the bag supplied and close ready for the next use. Store the compressor in a dry location.

# **COMPRESSOR OPERATING TIPS**

- **TIP 1:** It is always good practice to confirm the tyre pressure with a separate gauge.
- **TIP 2:** Use the "deflation button" located on the back of the gauge on the 0.5m adaptor hose to accurately adjust the tyre pressure while the hose is still connected.
- **TIP 3:** The 0.5m adaptor hose can be use to deflate the tyres before entering terrain which requires a lower tyre pressure (This is a very slow process).
- **TIP 4:** If starting at a higher inflation pressure, it is a good idea to turn the compressor "ON" first before attaching the hose to the tyre valve. This reduces the unnecessary strain applied to the compressor, maximising the life and reliability.
- **TIP 5:** If you are stopping the air compressor and restarting during an inflation operation, then you should remove the hose from the valve once you have turned the air compressor "OFF", then turn the air compressor "ON" and reconnect to the tyre valve. This reduces the unnecessary strain applied to the compressor, maximising the life and reliability.
- **TIP 6:** If your tyres are within reach, it is possible to use the 0.5m adaptor hose with gauge independent of the 5 metre air hose.
- **TIP 7:** When inflating small objects such as small tyres, bicycle tyres and sporting balls as rapid inflation will occur. Pay close attention to the pressure gauge and be prepared to stop the air compressor when desired or manufacturer's recommended pressure.

# MAINTENANCE

- 1. All moving parts within the air compressor have been permanently lubricated during manufacture. It is not necessary to lubricate this unit.
- 2. Check the air filter regularly, maybe every six months. Simply remove the cover and clean the air filter. To clean the filter gently wash in mild soapy water and rinse well. Replace if worn (Adventurer IV only).
- **3.** Check battery cables, fuse and electrical connections regularly, making sure that they are in good condition.
- 4. Before and after each use, carefully inspect the compressor unit and hoses for signs of damage.

# TROUBLESHOOTING

This should be used as a guide only; we recommend you seek professional advice should you experience any technical issues.

#### Compressor does not operate under normal conditions:

- Vehicle battery or power source should be in good working order and fully charged.
- Check wiring connection is correct as per instruction within this manual.
- Check all the electrical connections and cables are in good condition, free from corrosion and connected properly.
- Earth power cable should be connected directly to the earth terminal on the battery or power source not the vehicle chassis.
- Only the power cables supplied with this compressor should be used, any other cable may not be of a high enough specification to supply sufficient power to the compressor.

#### Compressor operates but the tyre is not inflating:

- · Check the hoses are connected properly.
- Inspect for any leaks in the hoses.

#### Compressor stops during operation:

- Check the vehicle battery or power source it should be in good working order and fully charged.
- Check the circuit breaker, reset if necessary (Adventurer IV model).
- This air compressor is equipped with an automatic thermal cut out protection device. If the compressor reaches an unsafe operating temperature, a protection circuit will cut the power to prevent damage. If the protection circuit activates, immediately disconnect the unit from the power source and allow it to cool.

#### Air is leaking from the hoses:

- Check the deflator button is completely out and in good condition.
- Check the screw type fitting is threaded onto the valve correctly and has a good seal.
- Check the thumb lock adaptor is connected onto the valve correctly and has a good seal.
- Check the O-Ring inside the screw type and thumb lock connectors are in good condition.
- Check all the quick connectors are secured properly, and the outer retaining rings have been locked in place.

## WARRANTY

#### HAIGH AUSTRALIA PTY LTD (ACN 005 065 298)

#### **PRODUCT WARRANTY**

**EXCLUSIONS:** 

Haigh Australia Pty Ltd (ACN 005 065 298) ("Haigh Australia") provides the following warranty in relation to its Mean Mother Adventurer IV and Maxi 4X4 III Air Compressors. The benefits of this warranty are in addition to any rights and remedies imposed by Australian State and Federal legislation that cannot be excluded. Nothing in this warranty is to be interpreted as excluding, restricting or modifying any State or Federal legislation applicable to the supply of goods and services which cannot be excluded, restricted or modified.

Haigh Australia warrants that, subject to the exclusions and limitations below, the Adventurer III and Maxi 4X4 III Air Compressors ("Product") will be free from defects in materials and workmanship for a period of 5 years from date of purchase. This warranty is not transferable to a subsequent customer if the Product is sold by the original customer during the warranty period. If a defect appears in the manufacture or assembly of the Product before the end of the warranty period and Haigh Australia finds the Product to be defective in materials or workmanship, then Haigh Australia will, in its sole discretion, either:

- a) replace or repair the Product or the defective part of the Product free of charge; or
- **b**) have the Product or the defective part of the Product to be replaced or repaired by a qualified repairer free of charge.

Haigh Australia reserves the right to replace defective parts of the Product with parts and components of similar quality, grade and composition where an identical part or component is not available. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods.

#### WARRANTY CLAIMS

- 1. If a fault covered by warranty occurs, the customer must first contact Haigh Australia at the contact address listed below, or the retailer from which the Product was purchased.
- **2.** Any warranty claim must be accompanied by: (a) proof of purchase; (b) full details of the alleged defect.
- 3. The customer must make the Product available to Haigh Australia or its authorised repair agent for inspection and testing. If such inspection and testing finds no defect in the Product, the customer must pay Haigh Australia's usual costs of service work and testing.
- **4.** The customer must bear the cost of the transport of the Product to and from Haigh Australia or the authorised repair agent to make the warranty claim, and all insurance of the Product.

#### The warranty will not apply where:

- a) the Product has been repaired, altered or modified by someone other than Haigh Australia or an authorised repair agent;
- **b)** the alleged defect in the Product is within acceptable industry variances;
- c) Haigh Australia cannot establish any fault in the Product after testing and inspection;
- d) the Product has been used other than for the purpose for which it was designed;
- e) the defect in the Product has arisen due to the customer's failure to properly install, use or maintain the Product;
- f) the Product has been subject to abnormal conditions, including environment, temperature, water, fire, humidity, pressure, stress or similar; or
- g) the defect has arisen due to abuse, misuse, neglect or accident.

#### The warranty does not extend to:

- h) Damage or defects caused by normal wear and tear;
- i) Compressor finish;
- j) Hoses, connectors, accessories, gauge and bag; or
- k) Commercial/industrial applications;

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.

#### LIMITATIONS

Haigh Australia makes no express warranties or representations other than set out in this warranty. The repair or replacement of the Product or part of the Product is the absolute limit of Haigh Australia's liability under this express warranty.

#### CONTACT

Haigh Australia Pty Ltd Head Office PO Box 3200 DARRA QLD 4076 Ph: +61 7 3713 9345

Email: sales@haigh.com.au

Website: www.meanmother.com.au

### FCC ID: 2AKJ8-MMACRC







1 x 12V 23A Size L1028 Alkaline Battery

Magnet

### **User Manual**

Antenna		
Frequency Range:	2.4GHz	
Antenna Type:	PCB Antenna	
Antenna Gain:	+1.6dBi	
Transmission Power:	< -1dBm	
Remote Control Distance:	> 10M	
Ambience Temperatures:	-40°C to 85°C	

**Operating Instruction:** The main product (air compressor) is operated by 12V DC battery or power supply. By pressing the ON/OFF button of the wireless remote control, it will launch a signal in 2.4GHz band. This will turn the relay in the main product (air compressor) ON or OFF for tyre inflation after received the signal.

#### Wireless Remote Control (FCC ID: 2AKJ8-MMACRC):

This device was tested after assembly and complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may caused undesired operation.

Attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.