



# MARTINS INDUSTRIES MW Series Automatic Tire Inflator Instruction Manual

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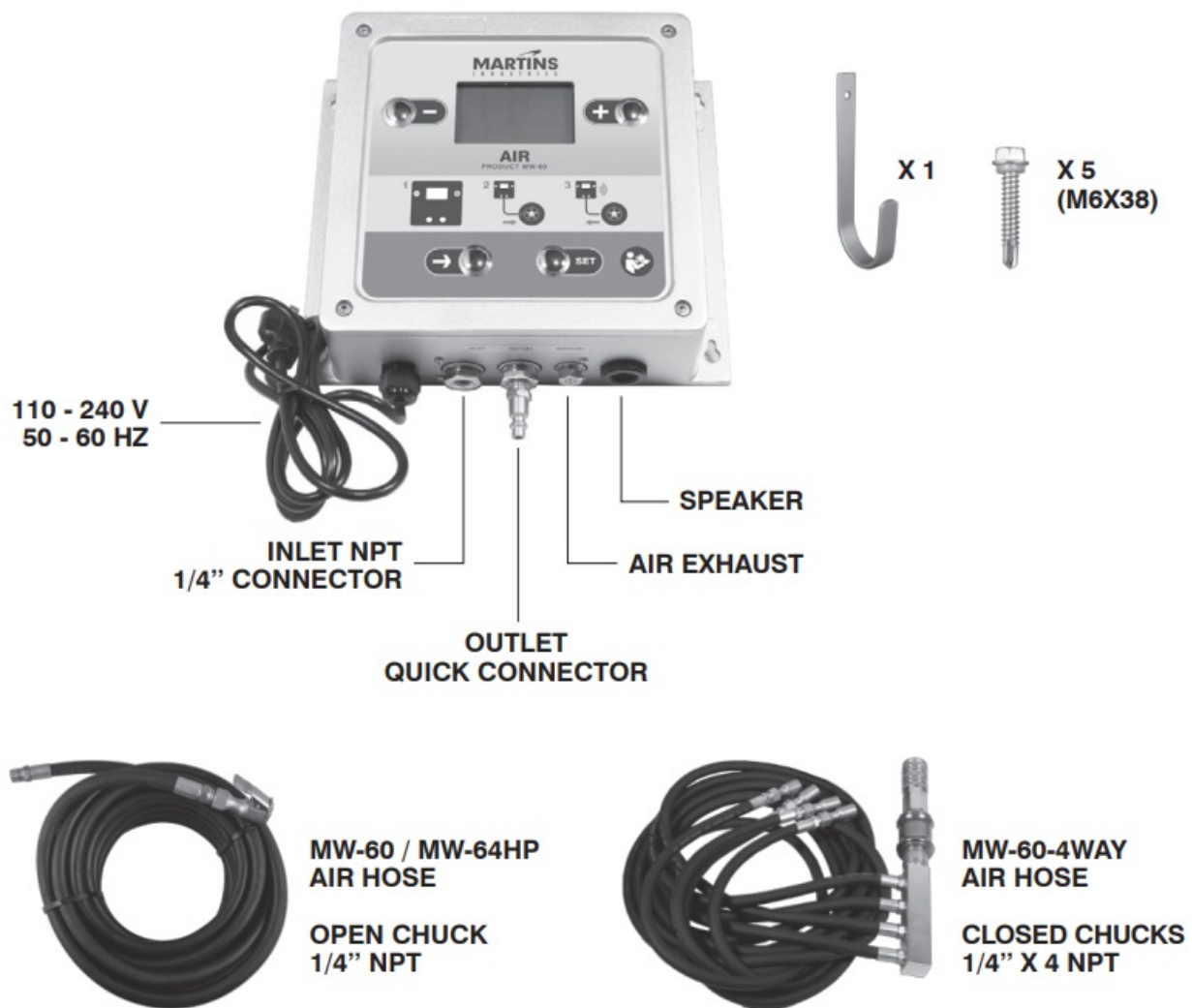


**MARTINS INDUSTRIES MW Series Automatic Tire Inflator**



## Specifications

<b>MW-60</b>	<b>MW-64HP</b>	<b>MW-60-4WAY</b>	
Dimensions (L x W x H)	23 X 27 X 8.5 cm 9" X 10.5" X 3.5"	23 X 27 X 8.5 cm 9" X 10.5" X 3.5"	23 X 27 X 8.5 cm 9" X 10.5" X 3.5"
Weight	6 KG / 14 LB	6 KG / 14 LB	7.2 KG / 16 LB
Color	Blue	Yellow	Orange
Max outlet air pressure	1000 kPa / 10 BAR / 145 PSI / 10.2 kg/cm <sup>2</sup>	1600 kPa / 16 BAR / 232 PSI / 16.32 kg/cm <sup>2</sup>	1000 kPa / 10 BAR / 145 PSI / 10.2 kg/cm <sup>2</sup>
Max inlet air pressure	1035 kPa / 10.5 BAR / 150 PSI / 10.5 kg/cm <sup>2</sup>	1800 kPa / 18 BAR / 261 PSI / 18.36 kg/cm <sup>2</sup>	1035 kPa / 10.5 BAR / 150 PSI / 10.5 kg/cm <sup>2</sup>
Accuracy	+/-1.99 kPa / +/-0.02 BAR +/-0.29 PSI / +/-0.02 kg/cm <sup>2</sup>	+/-1.99 kPa / +/-0.02 BAR +/-0.29 PSI / +/-0.02 kg/cm <sup>2</sup>	+/-1.99 kPa / +/-0.02 BAR +/-0.29 PSI / +/-0.02 kg/cm <sup>2</sup>
Watt	10 Watt Max	10 Watt Max	10 Watt Max
CFM	2600 L / min = 92 CFM MAX	2600 L / min = 92 CFM MAX	3600 L / min = 128 CFM MAX
Supply voltage	AC 110 ~ 240 V / 50 ~ 60 Hz 800 mA Max	AC 110 ~ 240 V / 50 ~ 60 Hz 800 mA Max	AC 110 ~ 240 V / 50 ~ 60 Hz 800 mA Max
Temperature range	-10 °C ~ 50 °C / 14 °F ~ 122 °F	-10 °C ~ 50 °C / 14 °F ~ 122 °F	-10 °C ~ 50 °C / 14 °F ~ 122 °F
Relative Humidity	up to 95 % RH non-condensing	up to 95 % RH non-condensing	up to 95 % RH non-condensing
Material	Die cast Aluminum Enclosure	Die cast Aluminum Enclosure	Die cast Aluminum Enclosure
Degree of Protection	IP66	IP66	IP66



## WARRANTY

The inflator includes a 1-year warranty from the billing date, but is null and void if the inflator has been damaged through misuse, improper maintenance or accidental damage, or unauthorized modifications or repairs.

## SAFETY

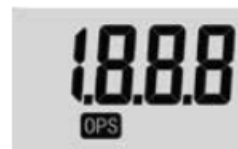
BEFORE using this product, read this manual and follow all its Safety and Operating instructions. Failure to do so may result in personal injury and/or property damage. Retain these instructions for future reference.

- Inspect before each use. Do not use if broken, bent, cracked, or damaged parts (including labels) are noted.
- Do not modify or use this product for any other application than what it has been designed for.
- During inactivity period, please package the inflator and keep it away from damp, heat, impact, etc.
- Ensure that the product is connected to the correct power and air supply; refer to rating label and general specifications.
- Important compressed air contains water and oil, use proper air filter between the source and device. Failure to do so will void the warranty.
- Do not exceed MAX inlet air pressure (see specs. p. 02)
- Keep the compressed air inlet pressure within 1035 kPa / 10.5 BAR / 150 PSI / 10.5 kg/cm<sup>2</sup> (MW-60 & MW-60-4way) and within 1800 kPa / 18 BAR / 261 PSI / 18.36 kg/cm<sup>2</sup> (MW-64HP).
- Always use a Martins Industries' safety cage to inflate your tire.

## OPERATIONS

Do not connect a tire already inflated above the MAX outlet pressure.

## MW-60



## INFLATE TIRE



## MW-64HP

SET  
PRESSURE  
UNIT



Kpa  
Bar  
Psi  
kg/cm²  
SET

SET  
NITROGEN  
FUNCTION

2X



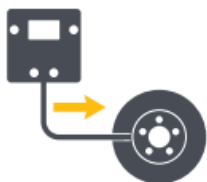
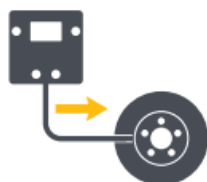
18.8.8  
N2

SET  
INFLATING  
PRESSURE



18.8.8

INFLATE TIRE



3 SEC.



MW-60-4WAY



## INFLATE TIRE



## TROUBLE SHOOTING

PROBLEMS	POSSIBLE CAUSE	SOLUTIONS
Er1	The pressure sensor is broken.	The inflator must be replaced.
Er2	Unstable pressure, faulty hose connector.	Replace hose connector or re-connect hose to the tire.
Er3	Connected tire pressure is too high pressure.	Stop inflating the tire.
Er4	Wrong connections in air inlet and outlet.	Refer to wiring diagram and connect magnetic valve accordingly.
Er5	Low voltage.	Check the electrical power source.
Er6 and Er7	Calibration error.	The automatic inflator needs to be calibrated, contact Martins Industries .
Er8	The air source is lower than the set pressure.	Stop inflating the tire – refer to inlet pressure specifications.

## PARTS



## NO PARTS

1. MW-60 & MW-64HP – Air hose 7,6 m / 25' – Open chuck 1/4" NPT
2. MW-60-4WAY – 4 hoses 2,4 m / 8' – Closed chucks 1/4" x 4 NPT

Once the tire bead is successfully seated roll your tire into a Martins Industries' inflation cage and inflate your tire to proper pressure.



**MIC-3**



**MIC-4-KIT**



**MIC-5**

## Frequently Asked Questions (FAQ):

- **Q: What is the warranty for the inflator?**

A: The inflator includes a 1-year warranty from the billing date, but is null and void if the inflator has been damaged through misuse, improper maintenance, accidental damage, or unauthorized modifications or repairs.

- **Q: What should I do if I encounter calibration errors?**



A: If you encounter calibration errors, contact Martins Industries for assistance in calibrating the automatic inflator.

- **Q: Can I connect a tire that is already inflated above the maximum outlet pressure?**

A: No, do not connect a tire that is already inflated above the maximum outlet pressure to avoid potential risks.

## Documents / Resources



[MARTINS INDUSTRIES MW Series Automatic Tire Inflator](#) [pdf] Instruction Manual  
MW-60, MW-64HP, MW-60-4WAY, MW Series Automatic Tire Inflator, Automatic Tire Inflator, Tire Inflator, Inflator

## References

- [User Manual](#)

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