

INTRODUCING

THE ALL NEW
Home &
Automotive
Maintenance
Air Compressor



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END USER RESEARCH / OUR SOLUTIONS

The concept for this new style air compressor stemmed from our end user research. What we heard was that there were several issues that the consumers wanted addressed regarding their air compressor.

Speed - Why do I have to wait for the tank to fill up before I can inflate my tires?

easy to inflate : No Wait™ inflation
don't wait to inflate..... p.3

Balance and stability - vertical compressors are top heavy

revolutionary : pump/motor placement
balance and stability..... p.9

Portability - make it easier to move the unit around, especially inside my garage

easy to turn : portable design
no tilt..... p. 4

The **pressure regulator** is hard to turn and requires 6 revolutions to adjust

innovative : control panel
easy to adjust..... p.11

No adequate **storage** for air tools and accessories

revolutionary : pump/motor placement
easy to organize..... p.5-8

Pressure gauges - Why are there two gauges and what do they mean? Make them bigger so they are easy to read!

innovative : control panel
easy to read..... p.12



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EASY TO INFLATE

No Wait™

Inflation

DON'T WAIT TO INFLATE!

Inflation is the single largest consumer application for DIY Air Compressors at an astounding **70%**. Consumers today have to turn the power on to their compressor and **wait 5½ minutes** for the compressor tank to fill up before use.

NO MORE!

The **No Wait™ Inflation** will pressurize the pre-mounted air hose before it begins to fill the tank. This means as soon as the power is turned on, the compressor is ready for the consumer's inflation project.



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EASY TO TURN **PORTABLE** **Design**



NO TILT

No need to tilt to move. This unit includes **2 casters and 2 wheels** for ultimate portability in and around the garage.

There will also be an axle brake on this unit. When applied, it will prevent any unwanted movement normally caused by vibration.



2 casters and 2 wheels

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REVOLUTIONARY **Pump/Motor Placement**

The pump/motor has been moved to the bottom of the tank to address two major issues for consumers

1

EASY TO ORGANIZE

2

BALANCE and STABILITY



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MAKES IT EASY TO DO IT LIKE A PRO

chpower.com



1 EASY TO ORGANIZE

GET ORGANIZED!

With on-board storage for air tools and pneumatic accessories, organizing a compressor has never been easier.

Store needed tools with the air compressor to complete the task at hand. This compressor has room to store up to **6** of the most popular air tools plus accessories.

Additional tool kits can be purchased in separate cases and can be added to this compressor to expand the storage capability of this unit.



TOOL KIT THEMES



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TOOL KIT THEMES



TIRE MAINTENANCE KIT

- Tire Inflation Gun
- 1/2" Impact Wrench
- 3/4" - 13/16" SAE Flip Socket with 3" Extension
- Male Plugs (2)
- Female Plug
- Coupler
- Blow Gun Kit
- PTFE Thread Tape
- Air Tool Oil



HOME PROJECT KIT

- General Purpose Spray Gun
- 3/8" Ratchet
- 3/8" SAE Shallow Well Sockets (4)
- 3/8" Metric Shallow Well Sockets (4)
- Screwdriver Bits (30)
- Screwdriver Bits Holders (3)
- 3/8" Screwdriver Bit Holder
- 2" 2-in-1 Nailer/Stapler
- Tire Inflation Gun
- Chisel
- Chisel Bits (4)
- PTFE Thread Sealant Tape
- Air Tool Oil and Accessory Kit

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TOOL KIT THEMES



ULTIMATE TOOL KIT

- 3/8" Ratchet
- Screwdriver Bits (30)
- Screwdriver Bit Holders
- 1/2" Impact Wrench
- 3/4" - 13/16" SAE Flip Socket
- 3" Extension for Flip Socket
- 1/2" SAE Shallow Well Sockets (4)
- Chisel
- Chisel Bits (4)
- Die Grinder
- 1/8" - 1/4" Collet Adapter
- 1/4" Grinding Stones (5)
- 1/8" Grinding Stones (5)
- 1" Sanding Drum
- 1" Sanding Sleeves (3)
- 3/4" Sanding Drum
- 3/4" Sanding Sleeves (3)
- Tire Inflation Gun
- PTFE Thread Sealant Tape
- Blow Gun
- Air Tool Oil and Accessory Kit

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2 BALANCE and STABILITY

Also, mounting the pump under the tank **lowers the center of gravity** and improves the stability and balance.

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INNOVATIVE Control Panel

Makes it easier to
“DO IT LIKE A PRO”

① **EASY TO
ADJUST**

② **EASY TO
READ**



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1 EASY TO ADJUST



PSI WHAT?

The regulator knob is now **2X larger** and has soft rubber touch points to make it easier and more comfortable for the consumer to adjust the air pressure.

The regulator will **click at preset intervals** to help the consumer set the pressure and keep it set where they want it.

Full pressure adjustment can be achieved in **less than one full revolution** of the regulator knob. Common regulators used today require the consumer to turn the knob 5 to 6 full revolutions in order to adjust the pressure.

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2 EASY TO READ



WHICH GAUGE?

The outlet pressure gauge has been made **2X larger** than the previous version to provide the consumer with an **easy-to-read 3” gauge**.

Easy to understand icons will help take the guess work out of where the pressure should be set for the task at hand.

The tank pressure gauge has been removed from the control panel to eliminate confusion for the consumer between the tank pressure and the outlet pressure.

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