

**JACMORR®**

**JacPac®**  
CO<sub>2</sub>

**THE PORTABLE CO<sub>2</sub> POWER SYSTEM**



# **Instruction Manual**

**Phone : 1-800-567-0864**

**Customerservice@supplierpipeline.com**



The Regulator Kit (Product # J-6901-91) comes with :

- JacPac® Regulator
- 10 ft. extendable air hose c/w quick coupler
- 10 oz. CO<sub>2</sub> aluminum cylinder c/w pin valve
  - Safety glasses
- Plastic storage case

Other Jacmorr® kits may come complete with pneumatic tools. For details on pneumatic tools, consult individual Tool Manual supplied in the pneumatic tool kit.

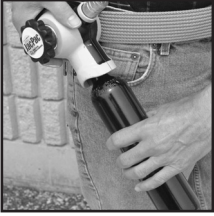
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### Safety Information

- Each JacPac® kit comes complete with a quality aluminum cylinder which is factory tested and complies with all government requirements (DOT-3AL & TC-3ALM)  
**NOTE: Use of a non-certified cylinder may be harmful to operator.**
- The brass pin valve supplied is designed specifically for CO<sub>2</sub> applications and must NOT be used with any other type of gas or liquid
- Always wear safety glasses
- Wear hearing protection
- TStore cylinders at room temperature

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## Assembly Instructions



1) Connect filled CO<sub>2</sub> cylinder to the regulator



2) Connect hose to regulator fitting



3) Connect hose to pneumatic tool



4) The system is ready for use

## Adjusting JacPac® Regulator



The pneumatic tools suitable for use with JacPac® operate in a range between 40 – 100 psi pressure.

Consult the operating manual of the pneumatic tool of choice and adjust the JacPac® regulator pressure setting to match the recommendations of the tool.

**WARNING: Do not exceed the recommended operating pressure range of the tool.**

### Adjusting the regulator:

1. To use, slowly turn the adjustment knob **clockwise**, while watching the gauge face, until the needle is indicating the recommended pressure.
2. After use, turn the adjustment knob **counterclockwise** to relieve the pressure.

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## Interchanging Pneumatic Tools

**IMPORTANT!** It is required that these steps are followed when changing one pneumatic tool to another, to ensure the optimum operating safety and performance of the pneumatic tool.

### Interchanging Tools:

1. Turn regulator adjustment knob **counterclockwise** to relieve pressure.
2. Discharge the current tool a few times to bleed excess gas from the entire system. Check gauge to ensure pressure needle returns to ZERO.
3. Disconnect current tool from hose via the quick connect fitting.
4. Select new tool and connect new tool of choice to the hose via the quick connect fitting.
5. Turn regulator adjustment knob **clockwise** to increase pressure to desired pressure setting.
6. You are now ready to use your new tool.
7. Repeat the steps each time you are interchanging tools.

## After Use and Storage Instructions



1) Turn adjustment knob counter-clockwise to release pressure



2) Discharge pneumatic tool several times to relieve the system of any remaining CO<sub>2</sub>



3) Disconnect the hose and pneumatic tool from the regulator.



4) Unthread CO<sub>2</sub> cylinder from regulator. Store all components in the convenient storage case

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## Cylinder Performance Chart

Each pneumatic tool consumes a different amount of CO<sub>2</sub> per discharge, which affects the number of shots per cylinder. This chart\* reflects the average shots per cylinder expected.

APPLICATION	CO <sub>2</sub> CYLINDER CAPACITY (OZ.)				
	10	12	14	16	20
Jacmorr® 1" Brad Gun	750	900	1000	1200	1500
Jacmorr® 2" Brad/Stapler Combo Gun	375	450	525	600	750
Jacmorr® Pin Nailer Gun	750	900	1000	1200	1500
Jacmorr® Roofing Gun	150	180	210	240	300
Grease Gun	300	360	420	480	600
1" Narrow Crown Staple	250	300	350	400	500
Caulking Gun	300	360	420	480	600
Hardwood Flooring Gun	150	180	210	240	300

\* The numbers listed in the chart are based on our laboratory test results. Results may vary in actual field conditions.

## Troubleshooting

SYMPTOMS	PROBLEMS	SOLUTIONS
1. Little or no CO <sub>2</sub> released from air tool.	CO <sub>2</sub> has not been released from the cylinder.	Check the adjustment knob to ensure it has been adjusted properly. Check the cylinder to ensure it is threaded entirely into the adapter, which then depresses the pin valve releasing the CO <sub>2</sub> into the regulator.
2. Nails/Staples sticking out on surface.	Insufficient operating air pressure.	Refer to the tool's required operating pressure and set accordingly.
3. Air tool stops working without change of setting.	CO <sub>2</sub> cylinder emptied.	Fill CO <sub>2</sub> at an approved outlet to the recommended capacity. Check the cylinder to ensure it is threaded entirely into the adapter, which then depresses the pin valve releasing the CO <sub>2</sub> into the regulator.
4. Air tool is not responding to trigger, is jammed, or is leaking.	Air tool maintenance issue.	Refer to Operating Manual for individual air tool.
5. Air tool not working after interchanging to another tool.	Little or no air pressure.	Refer to steps in "Interchanging Pneumatic Tools" (See page 6).
6. CO <sub>2</sub> is leaking where cylinder threads into regulator.	Cylinder O-ring is worn or damaged.	Replace cylinder O-ring with a new O-ring.

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## Maintenance

This portable system requires minimal maintenance under normal operations. However, periodic cleaning helps to maintain the life span of the system, as well as its performance. Clean any dirt or residue from the adapter fitting and the quick connect to ensure no dirt is entering the system. Use a damp cloth to wipe off any dirt prior to storage after each use.

**WARNING:** Do not soak tool with cleaning solutions or damage may occur.

## Regulator Components



### Notice:

1. All quality tools will eventually require servicing or parts replacement due to wear and tear. Servicing should only be performed by a licensed technician. NEVER try to repair the regulator yourself.

## Recommended Applications



Window, Door,  
Bathroom Caulking



Hardwood Floor  
Installation



Greasing Auto and  
Farm equipment, or  
machinery



Bike tires  
– air inflation



Roofing Shingle  
Installation



Woodworking  
and Trim



Wood and Upholstery  
stapling application