

The Cube Inflator® Instruction Sheet

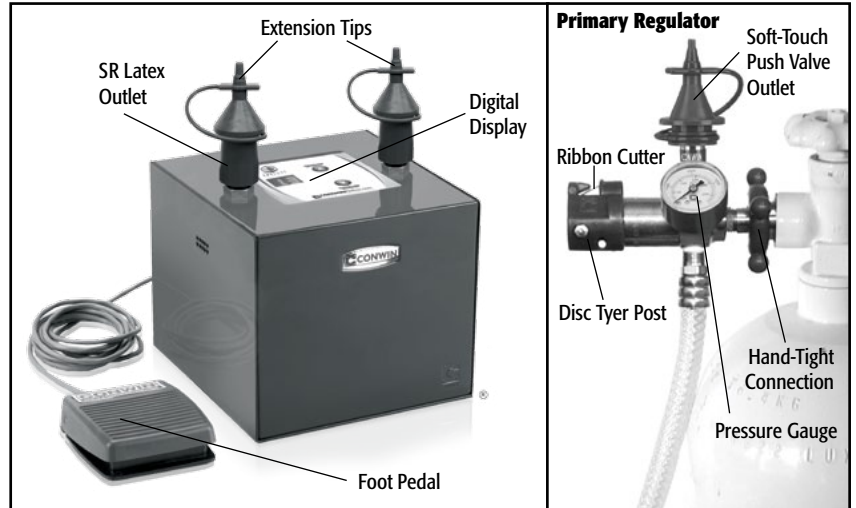
THE CUBE
INFLATOR

The Cube Inflator Includes:

- | | |
|--|---------------------------|
| 1 Primary Regulator with Soft-Touch Push Valve & Supply Hose | 1 Speed Control Regulator |
| 2 SR (Sound Reduction) Outlets | 1 Foot Pedal |
| 2 Extension Tips | 1 Power Cord |

Getting Started

- To prevent the risk of electrical shock, do not use The Cube Inflator outdoors when weather conditions are wet. Never operate unit in a wet work area.
- Prior to plugging The Cube Inflator into an electrical outlet, verify the electrical rating listed on the label on the back of The Cube Inflator is suitable for outlet.
- If The Cube Inflator malfunctions or is damaged in any way discontinue use and unplug unit from electrical outlet. Contact an authorized Conwin Service Center for details on how to receive service.
- Never attempt to repair The Cube Inflator yourself. Opening The Cube Inflator case will automatically void manufacturer warranty. Contact an authorized Conwin Service Center for all repairs.
- When using helium or nitrogen, always secure the cylinder in a safety stand or wall bracket.



1 Hand-tighten the primary regulator to a helium or nitrogen cylinder. Make sure the cylinder is properly secured in a safety stand or wall bracket prior to attaching the primary regulator. **Note: Do not open the cylinder valve until Step 6.**



2 Push to connect the supply hose to the Speed Control Regulator on The Cube Inflator.



3 Plug the power cord into the back of the unit and into an electrical outlet. (A power strip with surge protector is recommended.) The digital display will appear when unit has power.



4 Hand-tighten the SR Latex Outlets.



5 Plug the foot pedal into the side of the unit.



6 Slowly open the cylinder valve. Make sure the valve is fully opened. The cylinder pressure will read on the gauge located on the regulator. The inlet pressure will read on the Speed Control Regulator gauge, located on the back of the unit. Now the unit is ready to inflate balloons.

The Cube Inflator Settings Chart

The following settings should be used as guidelines for The Cube Inflator. Please note that size settings will vary based on user preference, balloon color and manufacturer.

PSI SETTINGS refer to the gauge located on Speed Control Regulator at the back of The Cube Inflator. This controls the speed of the inflation cycle.

SECONDS SETTINGS refers to the second increment readout on digital display.

Important: To ensure consistent balloon sizing when using helium or nitrogen, it is necessary to check the size of the balloons every 1/3 of a cylinder of gas. If necessary, increase the size of the balloon by either increasing the size setting or the inlet pressure on the Speed Control Regulator.

Size Setting Chart • Speed Control Set at 70 PSI

| Balloon Size | Helium | Nitrogen | Air Compressor |
|--------------|-------------|-------------|----------------|
| 5" | N/A | 0.3 Seconds | 0.4 Seconds |
| 9" | 0.6 Seconds | 1.6 Seconds | 2.5 Seconds |
| 11" | 1.0 Seconds | 2.9 Seconds | 4.6 Seconds |
| 16" | 3.2 Seconds | 8.3 Seconds | N/A |

60/40 Helium/Air Outlet Settings

The following settings should be used as guidelines for the using the 60/40 Helium/Air Outlet with The Cube Inflator. The 60/40 Helium/Air Outlet is recommended for use with 11" or larger balloons.

| Balloon Size | 60/40 HELIUM/AIR OUTLET |
|--------------|--|
| | 2 Outlets |
| 11" | 1.7 Seconds |
| | Speed Control Regulator Set at: 70 PSI |
| 16" | 4.5 Seconds |
| | Speed Control Regulator Set at: 70 PSI |



Set the Speed Control Regulator

Reference the size setting chart to set The Cube Inflator to the appropriate pressure. The PSI setting on the chart corresponds to the inlet pressure on the adjustable regulator. To adjust the pressure, pull the black setting knob up to unlock and turn it clockwise to increase the pressure and the size of the balloon. Turn the knob counter-clockwise to decrease the pressure and reduce the size of the balloon. When the unit is set to the desired size, press the black knob down to lock it in place.



Set the Inflation Time

Reference the size setting chart (see left) to determine the appropriate number of seconds required for the inflation cycle. The digital display will indicate number of seconds.



Place the balloon over the inflation outlet. Slightly roll the neck of the balloon over the tip. This will insure the gas enters the center of the balloon and the round shape of the balloon is maintained during the inflation process. It is important to inflate a test balloon at each adjustment until the desired size is produced.



Tap the foot pedal to begin the inflation cycle. When the inflator automatically shuts-off, remove the balloons from the outlets without allowing any of the gas to escape.