

1. Layout the Path of the Airline

There are several ways to run the line. For best results, use graph paper to layout the job to scale. When running the line, make sure that it is free of kinks or sharp bends and follows only smooth curves. Use the Quick-Fit Tee Fittings to branch the air line in different directions.

2. Connect the Air Lines



Cut the air line with scissors at each interval where an exploding balloon is required. Press the end of the air line into the Quick-Fit Connector until it reaches the back of the fitting, approximately 1/2 inch. Pull on the air line to insure that the Quick-Fit Connector properly grips the line. Attach the Twin-Pin Exploder at the end of the air line. Keep the Plug in place when terminating the line at the exploder or remove the Plug to run a continual line of exploders.



3. Pressurize the System

Hand tight connect the Exploder Regulator to any size helium or nitrogen cylinder. (Important: The cylinder must have a minimum pressure of 500 PSI to explode the balloons).



4. Connect The Air Supply

Press the air line onto the hose barb fitting on the detonator box until the line is touching the box.



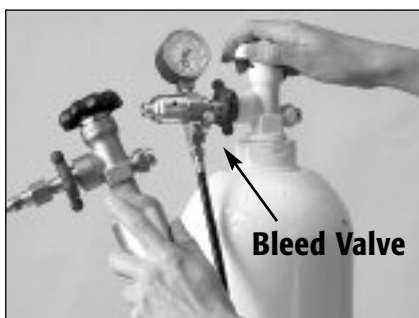
5. Connect the Detonator Box

Attach the supply hose to the Detonator Box by pressing the quick-disconnect fittings together.

6. Test The Exploders

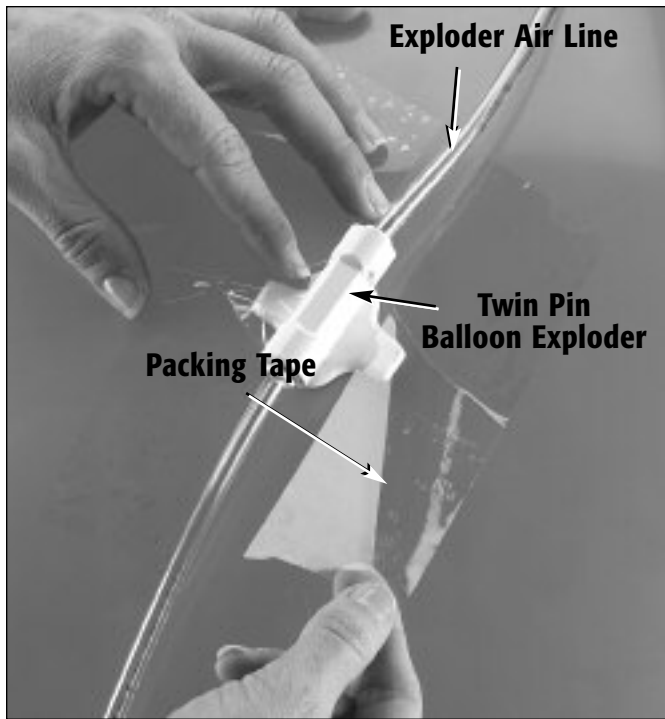
Test each exploder prior to taping the exploders to the balloon. First, open the cylinder valve and verify there is at least 500 PSI in the cylinder. Next, hold the exploder with the smooth surface facing upward. Press and hold down the detonator button. The exploder pin will pop out of the exploder when the button is depressed and will spring back into the unit when the button is released.

This test insures the exploder is operating properly and the system is ready to install. If the pin remains in the out position, lightly press the pin on a hard surface to reset the unit. When using 20 or more exploders, tape 5-inch balloons to each exploder to test that system is working properly. When the detonator button is pressed, all the test balloons should pop. If not, confirm that the airline is properly attached to all fittings and retest the system.



Deluxe Exploder Kit Cylinder Filling Instructions

- Hand tight connect the regulator end of the transfill hose to a helium or nitrogen cylinder with a minimum of 500 PSI pressure.
- Hand tight connect the other end to the small cylinder.
- Open both valves, allowing the gas to automatically transfer between cylinders. Once it reaches 500 PSI, the smaller cylinder is full and the system will stop filling.
- Close both cylinders and open the bleed valve to release the gas remaining in the transfill hose.
- Hand tight connect the Exploder Regulator to the small cylinder.



7. Tape The Exploders To the Balloon

Position the exploder near the midsection of a fully inflated balloon. Use clear packing tape to attach each side of the exploder to the balloon. **Important:** Leave approximately 1/2" of space between the tape and the center upright point of the exploder. This allows the air to escape and pop the balloon when the exploder is detonated. After the exploder(s) have been taped to the balloon, use Dacron Archline to suspend the balloon from the ceiling. Tape the air line to the Dacron Archline. Make sure the weight of the balloon is supported by the archline and not by the air line.



8. Explode The Balloon(s)

1. Fully open the cylinder valve and verify there is a minimum of 500 PSI in the cylinder.
2. Continually hold down the detonator button on the Detonator Box until all of the balloons have exploded.

Reusing The System

1. After each use, carefully remove the balloon exploders and connecting fittings from the air line. To remove the air line from the Quick-Fit Connector, press and hold the center grip ring down on the connector and the air line will easily release from the fitting. Inspect each exploder and fitting to insure it was not damaged on the job.
2. Cut off approximately 1" of the air line at each place where it was attached to a fitting or exploder. This will insure a proper connection when the air line is reused and attached to fitting or exploder.
3. Retest the exploders after each use to insure they are operating properly. This will allow enough time to order more exploders if necessary, well in advance of your next job.



Exploder Components Sold Separately

A Quick-Fit Connecting Splice (6/pack)

B Quick-Fit Connecting Tee (6/pack)

Air Line 100-Ft. Spool

Compact Aluminum Cylinder (Charger sold separately)

Automatic Cylinder Charger

Pneumatic Balloon Exploder Regulator

Exploder Detonator Box



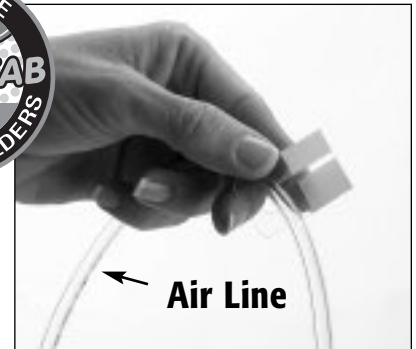
Twin Pin Exploders

The versatile Twin Pin Exploder includes a removable plug enabling you to explode a single balloon or multiple balloons from one air line. Quick Fit connections on both sides allow you to easily connect to air line. On cue, two pins pierce and explode the balloon. (6/pack)



Air Line Rigging Tip

If you're working in a room with a track drop ceiling, Conwin's adhesive Grip-Tabs are ideal for rigging the air line. First, cut the Grip Tabs from the adhesive side to the center hole. Slide the air line through the cut to the center of the tab. Remove paper backing from the adhesive surface and press the tab to the ceiling track.



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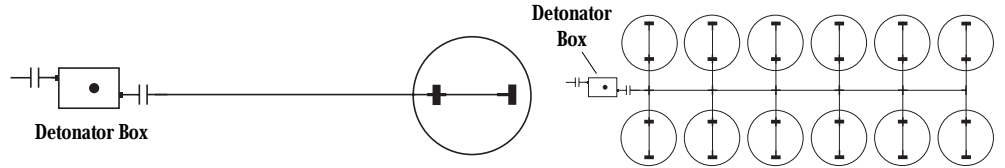
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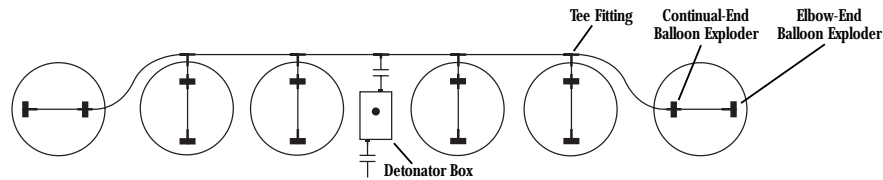
1. Layout of the Path of the Airline

There are several ways to run the line. Here are some sample layouts to help you get started. For best results, use graph paper to layout the job to scale. When running the line, make sure that it is free of kinks or sharp bends and follows only smooth curves.

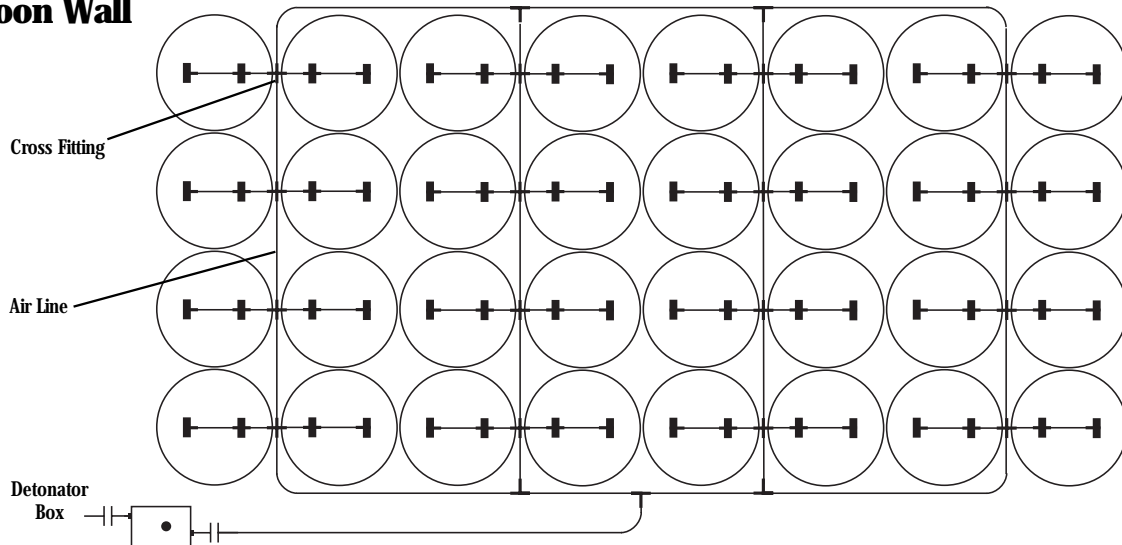
Single Line of Exploding Balloons



Two Lines of Exploding Balloon in Different Directions



Exploding Balloon Wall



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