

170 Traymore Blvd. Eastlake, OH 44095

## OPERATING INSTRUCTIONS

Evilusions pneumatic props and kits are built using professional industrial grade components and if used properly will last for years with little to no maintenance.

1) When choosing a location to place your new pneumatic prop safety should be your #1 concern. Never place a prop where it can come in contact with customers or actors and potentially cause harm. Although our props are designed with safety in mind, they still have the potential to harm if not used properly. Your new props should be mounted solidly to an immovable surface or weighed down with sandbags to prevent any movement while operating. There are mounting holes in the bases of your prop to either screw or bolt to the floor, wall, or another prop such as mounting a mechanism on crate to raise your character off the ground.

2) After firmly mounting your new prop, you will need to attach a supply line from air compressor or other air system. Your prop will most likely come with a 1/4" industrial style quick connect fitting mounted on the valve or regulator. This is the most common fitting used with readily available compressors and compressor air lines. If your prop does not already have a regulator, one will need to be used to regulate the air pressure to your prop, most compressors have one built in. NEVER HOOK UP AN UNREGULATED SUPPLY OF AIR TO YOUR PROP. THIS IS DANGEROUS.

3) Once your prop mechanism/cylinder is mounted solidly, you have your REGULATED air supply attached, and your prop body or other item is mounted to your mechanism you need to set the air pressure required to operate your prop. Start low and turn the air pressure up while activating your prop to determine how much pressure you need. The lower the pressure, the less stress you put not only on your prop, but also your compressed air system. You should only use enough pressure to get satisfactory movement out of your prop, no more.

4) To activate your prop you need to provide power to the valve. Most props (unless specially ordered) will have a 12vdc valve and power supply. The valve can be activated by either providing power to the power supply through a trigger or controller that provides 110vac or by putting a switch or relay controller inline with the +12vdc side of your power supply. For examples please see the pictures in Gadgets Technical corner in the media gallery located at [www.evilusions.com/gallery](http://www.evilusions.com/gallery) or email or call for help. That's what we are here for.

5) Now that your prop is activating you need to set the speed controls on your prop. There are two ways that your prop may have come. There will either be speed control mufflers on the solenoid valve, or exhaust metering fittings on the cylinder(s). Both control the speed of your prop by regulating how fast the exhaust air can escape from the cylinder(s). By turning the adjustment screw in you slow down how fast the cylinder can travel in one direction. Adjust both adjustment screws to get a safe, yet startling speed out of your prop, and use the lock nut to lock the adjustment in place. If you do not lock the adjustment, it can change over the course of a night of operation and possibly create a hazardous condition for customers, actors, and your prop.

**DISCLAIMER!** Evilusions LLC is not to be held liable for injuries, death, or property damage caused by the improper use of or inability to use this product, misuse of this

product for purposes that it is not intended, or complete lack of common sense.

**WARNING!** This product is not designed to be used in a wet environment. If used outside, or in a damp environment all precautions should be made to prevent it from getting wet. Permanent damage to the product, persons, or property can occur.

Any questions, comments or problems please feel free to contact us through e-mail  
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