

170 Traymore Blvd. Eastlake, OH 44095 Thank you for choosing the **EVILUSIONS**

Water/Air Cannon.

OPERATING INSTRUCTIONS

The Water/Air Cannon is designed to spray anything from a mist of water and air to a drenching wall of water to give a great startling scare and soak your customers a little. Your new cannon should be set on the ground and not elevated.

- 1) Place your cannon in a safe location away from actor and customer access.
- 2) The hose attached to the end of the cannon opposite the air inlet is the out put hose. When someone breaks the beam of the sensor, water and air will be shot out of this hose. It should be securely mounted either to a wall, inside a prop such as a toilet or fake faulty plumbing, or anything else you can think of.
- 3) Attach supply line from air compressor with ¼" industrial style quick connect fittings.
- 4) Pull adjustment knob on air regulator and turn clockwise to increase air pressure in tank, and counter clockwise to lower pressure in tank. The higher the pressure, the more air you will get in the firing mixture and the farther your water and air will fire. DO NOT EXCEED 100PSI. We personally like 45 psi.
- 5) Mount control box to a wall away from the output hose of your cannon.
- 6.) Mount retro reflective sensor and reflector. When customers walk between the sensor and reflector, the cannon will fire, and will fire every 5 seconds until the sensor sees the reflector again.
- 7.) Plug 12vdc transformer into control box. Once you plug the transformer into a 110vac outlet the cannon will fire if the sensor does not see the reflector.

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
at: gadget@evilusions.com
Or call us at: 440-655-5796

Adjustments

There are 4 different adjustments possible on the water/air cannon to get the spraying effect that you want.

- 1.) Water Valve on time is adjusted by turning one of the knobs on the control box. This time is adjustable from 50ms up to 5 seconds. The longer the water is on, combined with the adjustment of the water needle valve, adjusts how much water will be sprayed upon your victims. About ½ second will spray a good mist, while 3 seconds will fill the entire output hose and drench your customers.
- 2.) The Water Needle valve is located after the water solenoid valve, it adjusts how much water can flow during the time that the water valve is opened during each firing sequence. The more open this valve, the more water can pass during the time the water valve is open. We personally like ½-1 turn open when trying not to drench our customers, up to 4-5 turns open when we want a serious amount of water shot.
- 3.) Air Pressure Regulator, will control the amount of pressure in the tank, and in turn how hard the air and water are shot from the output hose. If you set it to about 20psi you will mostly just be forcing out the water from the hose, while set at 45psi, you will get a good mix, and upwards you will be spraying water across your attraction and soaking everyone in the room!
- 4.) Air Valve on time is adjusted by turning one of the knobs on the control box. This time is adjustable from 50ms up to 5 seconds. Generally this time needs to just be set high enough to expel the water from the hose fully and will depend on how you set the water valve on time and water needle valve.