



CONTROL OPTIONS FOR ELECTRIC POWERED MACHINES

Contactor Control System Power contactor capable of switching large motors, and **24 volt** transformer to power the control circuit. This voltage is an industrial standard for user safety, & **allows connection** to many additional **control options...**

Water-Level Shutdown Protect your investment ! As you probably know, running a pressure washer dry, can cause severe damage to the pump. And a vacuum that overflows, can be disaster is easily avoided by installing the low-water or high-level shutdown options. Depending on the configuration you choose, a fluid level switch is installed in a water tank... This device is connected so that a water level problem **instantly stops the machine**, preventing costly damage to equipment, or liability.

Bypass temperature-Limit Shutdown If the operator leaves a pressure washer running unattended with the trigger gun not ejecting water, the water in the bypass system can heat up quickly and cause damage to pump seals and other costly components. This is **the most common causes of damage** we see on pressure washers. A temperature limit switch installed in a high volume bypass circuit on the **pump prevents overheat** damage from occurring. By operating as a kill switch on the power control circuit, damage is averted when water temperatures exceed 140°F (note: seals are rated for 170°F.)

Delay Off Shutdown A flow switch or pressure switch on the high pressure side of the pump resets a delay off function relay. **If the operator doesn't open the gun**, the **relay shuts off power** to the contactor circuit. This eliminates the opportunity for system damage from operator neglect. Machines that are particularly quiet, or in a different area from the operators, are **often left running for long periods** of time.

Remote Start / Stop When the wash area is located at a distance from a stationary installation, **safety** and convenience can require a **control box to be mounted in the wash bay**. With a **low-voltage** contactor controlled system, it's easy to add a remote switch system for control of pump, heat, soaps or spot-free rinse, as required.

Security Key Switch A key switch can **eliminate unauthorized use** of the machine, or it can limit general use to cold water with the key switch activating the heater only.

Steam Option When you need higher temp's for faster degreasing, coatings removal, or sanitizing... Several standard versions are available to 330°F. If you need to test rocket engines, we do dry steam to 450 degrees. Call for details.

Dual Wand Option When multiple users will easily increase productivity on time critical cleaning, Split the volume of your system with matched spray nozzles that will give you full pressure, but half the volume. Or, balance the combination you want... Size 7 orifice gives 7gpm @4000psi, but with 5gpm going to a surface cleaner, you may want 2gpm for a spot-cleaning wand with turbo nozzle for the gum, or trim-work. A mobile detailer may want 2.5gpm at 2 wands for a production style fleet washing.



BullDogPRO water blasters are another quality product mfr. by...
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