

OPTIONAL AUTOMATIC ON-OFF CONTROL KIT **#HPG100PSW (20002887) FOR SONNY'S PREP UNIT**

PURPOSE:

- This kit allows the high-pressure twin wand prep unit (HPG100) to automatically turn on and off through the wand trigger operation.

ITEMS INCLUDED IN THE KIT:

- Control Box with adjustable off-delay Timer (3 to 300 seconds) and pre-wired socket. Timer coil requires 110 VAC single phase, 60 Hz. Power.
- Flow Switch with a 3/8" diameter poly tubing for city water pressure pilot line.

INSTALLATION

- Place the control Box in an area that is not subject to direct water spray.
- Install the Flow Switch in the high pressure discharge of the prep unit just before the hoses to the spray wands and after the pump Unloader, regulator and discharge manifold.
- Install the 3/8" poly tubing with fittings and check valve from the city pressure water line in to the IN PORT of the Flow Switch as shown on the plumbing diagram picture.

**(Switch required 60PSI or more from the City
Water pressure to operate)**

- This kit is wired for a 110 VAC, single phase, 60 Hz output Coil (Pins #2 and #10) required 110 VAC single phase 60Hz power to operate.
- If 24 VAC output operation is required, REMOVE the jumper wire between timer socket #1 and #2 , then feed 24 VAC hot power to socket pin #1 for a 24 VAC output from pin #3 upon actuation.
- **#3 will go to coil on contactor make sure coil is 120 volt of he will need to do a 120 base with a 24 v relay to fore contactor.**
- Do **NOT** apply voltage to the Flow Switch wiring or Timer pins #5 and #6 for this application, see electrical schematic on page 3 of these instructions' manuals for wiring interconnection diagram.
- Weep type trigger wands will not operate with this system, only use non-weep type trigger Guns.

