



# INSTALLATION INSTRUCTIONS

## Magnetic Contactor Wiring Diagrams

for Big Flo motor models: P200R4, CP200R4, P300R4, CP300R4, P300R17, P500R4, CP500R4 and P500R17

The following defined terms are used throughout this literature to bring attention to the presence of hazards of various risk levels, or to important information concerning the life of the product.

<b>DANGER</b>	indicates presence of a hazard which <i>will</i> cause <i>severe</i> personal injury, death or substantial property damage if ignored.	<b>CAUTION</b>	indicates presence of a hazard which <i>will</i> or <i>can</i> cause <i>minor</i> personal injury, death or substantial property damage if ignored.
<b>WARNING</b>	indicates presence of a hazard which <i>can</i> cause <i>severe</i> personal injury, death or substantial property damage if ignored.	<b>NOTICE</b>	indicates special instructions on installations, operation, or maintenance which are important but not related to personal injury hazards.

**CAUTION** Disconnect all power to the unit before installing or repairing. Voltages present in the control box can cause severe electrical shock.

1. These contactors are three-phase, full voltage across the line contactors. Check with the local power company to see if their power source is adequate for your requirements.
2. If nuisance motor tripping occurs, check for proper voltage, loose connections, severe arcing or pitting of contacts.

**CAUTION** Be sure power is disconnected before performing this procedure.

3. These contactors are designed to be used with copper wire. **DO NOT USE ALUMINUM WIRE.**
4. Installation procedures may vary between states. Refer to your local electrical code for proper installation regulations.

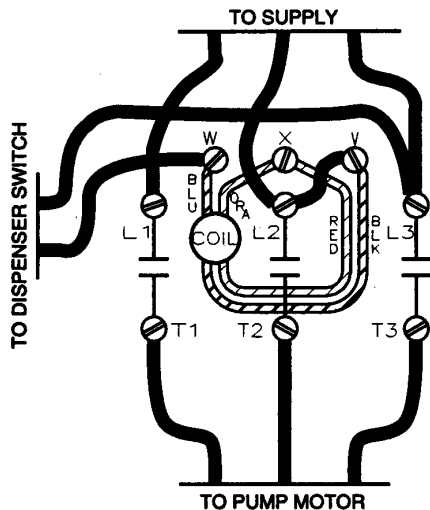


Figure 1: High Voltage Wiring

**NOTICE** The coil is factory wired for the highest voltage. For part number 279-328-5 the coil is wired for 208-240 volts. For part number 279-329-5 the coil is wired for 380-440 volts.

For low voltage coil wiring diagram, see Figure 2.

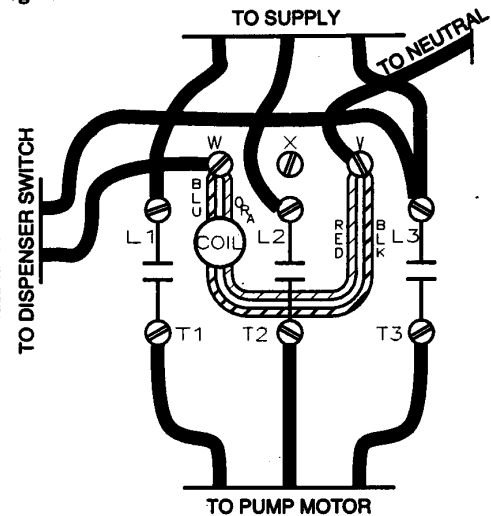
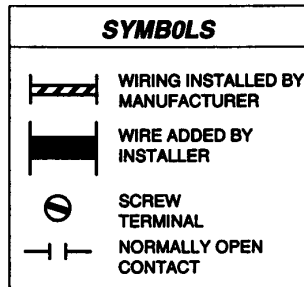


Figure 2: Low Voltage Wiring

**NOTICE** For electronic dispensers with switched "hot", wire "hot" to terminal W of the coil.

Motor Model Number	Part Number for Magnetic Contactor and Enclosure	Freq.	Coil Rating (Volts)
P200R4	279-328-5	60	110-120/208-240
P300R4	279-328-5	60	110-120/208-240
P300R17	279-329-5	50	190-220/380-440
P500R4	279-328-5	60	110-120/208-240
P500R17	279-329-5	50	190-220/380-440



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