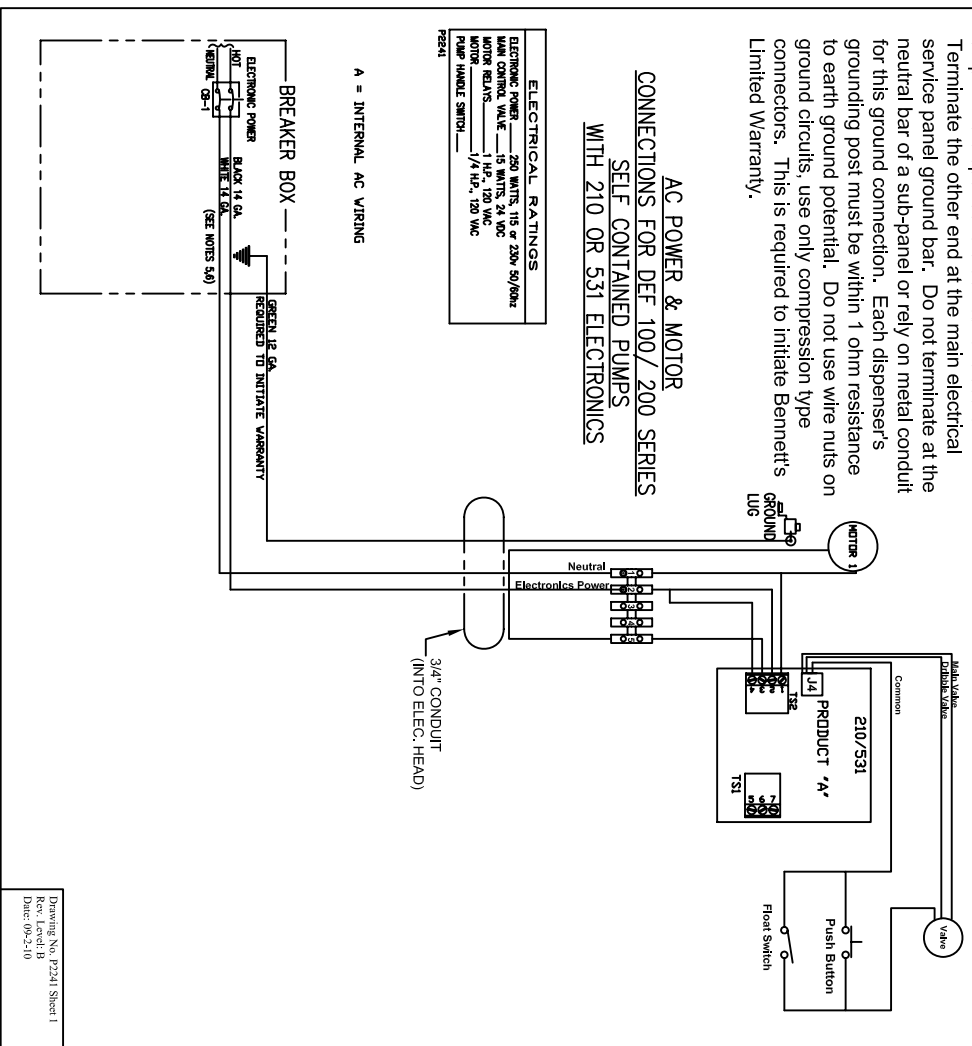
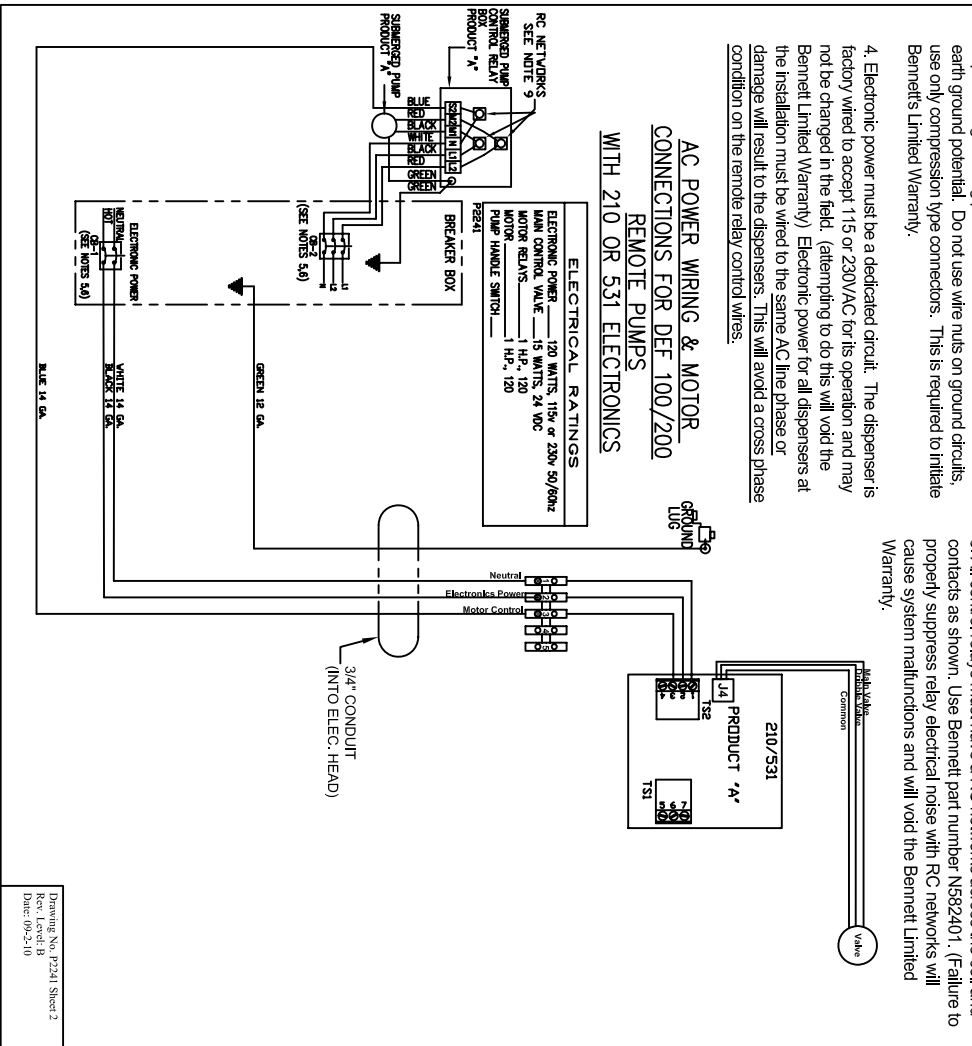


- Notes For Self-Contained Power Wiring Diagram**
1. All wiring must be installed and used in accordance with the national electrical code (NEPA #70, Automotive and marine service code NFPA #30A), state and local electrical codes.
 2. All wiring gauge is minimum required, stranded wire with THHN insulation must be used. Do not reuse old wire from an existing installation.
 3. Pull a Green 12 ga. stranded THHN ground wire through the junction box and wiring trough and secure at grounding post near the terminal strip in the dispenser's electrical enclosure. Terminate the other end at the main electrical service panel ground bar. Do not terminate at the neutral bar of a sub-panel or rely on metal conduit for this ground connection. Each dispenser's grounding post must be within 1 ohm resistance to earth ground potential. Do not use wire nuts on ground circuits, use only compression type connectors. This is required to initiate Bennett's Limited Warranty.
 4. Use 15 Amp neutral breaking circuit breakers which are supplied by the customer.
 Breaker Identification:
 CB #1 Electronic Power - Hot for electronic power is 115 or 230 VAC 50/60 Hz
 Note: No more than 2 dispensers per breaker.
 5. Valve connections all factory installed
 6. Field connection = ⊙



- Notes For Remote Power Wiring Diagram**
1. All wiring must be installed and used in accordance with the national electrical code (NEPA #70, Automotive and marine service code NFPA #30A), state and local electrical codes.
 2. All wiring gauge is minimum required, stranded wire with THHN insulation must be used. Do not reuse old wire from an existing installation.
 3. Pull a Green 12 ga. stranded THHN ground wire through the junction box and wiring trough and secure at grounding post near the terminal strip in the dispenser's electrical enclosure. Terminate the other end at the main electrical service panel ground bar. Do not terminate at the neutral bar of a sub-panel or rely on metal conduit for this ground connection. Each dispenser's grounding post must be within 1 ohm resistance to earth ground potential. Do not use wire nuts on ground circuits, use only compression type connectors. This is required to initiate Bennett's Limited Warranty.
 4. Electronic power must be a dedicated circuit. The dispenser is factory wired to accept 115 or 230VAC for its operation and may not be changed in the field. (Attempting to do this will void the Bennett Limited Warranty). Electronic power for all dispensers at the installation must be wired to the same AC line phase or damage will result to the dispensers. This will avoid a cross phase condition on the remote relay control wires.
 5. Use 15 Amp neutral breaking circuit breakers which are supplied by the customer.
 Breaker Identification:
 CB #1 Electronic Power - Hot for electronic power is 115 or 230VAC. CB #2 Pump motor product A.
 Note: No more than 2 dispensers per breaker. Only 1 submerged pump motor per breaker.
 6. The submerged pump relay signals are rated at 30 watts, 115 VAC or 230 VAC maximum. This signal must be wired to an external relay (with all coil control wires for this relay on the same AC phase) for controlling the submerged pump motors. Use Red Jacket or FE Petrol control box or equivalent.
 7. Field connection = ⊙
 8. All control relays must have a RC network across the coil and contacts as shown. Use Bennett part number NS82401. Failure to properly suppress relay electrical noise with RC networks will cause system malfunctions and will void the Bennett Limited Warranty.



SIZE	D
DRAWING NUMBER	P2241

REV.	DATE	BY	PRN NO.	SIZE	DRAWING NUMBER

REV.	DATE	BY	PRN NO.	SIZE	DRAWING NUMBER
A	9/2/09	SM	18823		
B	9/2/09	SM	18463		
D	9/2/09	SM	18463		

REV.	DATE	BY	PRN NO.	SIZE	DRAWING NUMBER

BPC P/N: 114014