

CONNECTING EXP-4 EXPANSION MODULE TO CPC-2 CONSTANT PRESSURE CONTROLLER

CPC-2 CIRCUIT BOARD INPUT
VOLTAGE SELECTION SWITCH

CPC-2 CIRCUIT BOARD

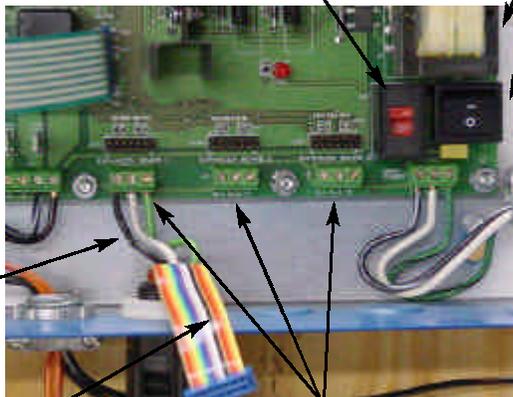
CPC-2 CIRCUIT BOARD ON/OFF SWITCH

⚠ WARNING

1. The CPC-2 supplies power to the EXP-4 Expansion Module. Turn CPC-2 circuit board on/off switch to "off" and disconnect power at breaker to CPC-2 Circuit Board before making power connections to EXP-4 Expansion Board. **IMPORTANT: Make sure voltage selection switch is the same on the EXP-4 as it is on the CPC-2.**
2. From left to right wire Black, White and Green wire from EXP-4 Expansion module to CPC-2 Circuit Board 1, 2, or 3 terminal strip location. Black should go to XL1, White to XL2 and Green to Ground. Expansion Board 1 location communicates with appliances 3-6. Expansion Board 2 location communicates with appliances 7-10. Expansion Board 3 location communicates with appliances 11-14.

POWER CONNECTIONS
TO EXP-4

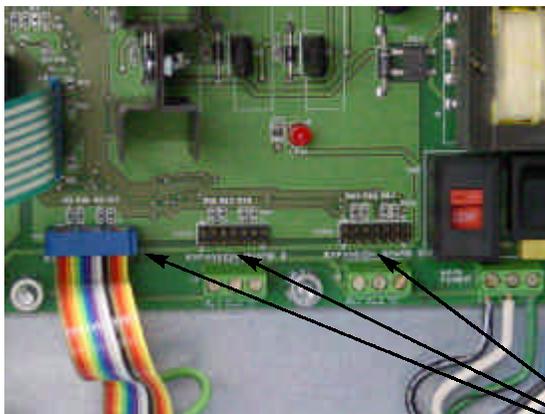
**IMPORTANT: Make sure
voltage selection switch
is the same on the EXP-4
as it is on CPC-2.**



RIBBON CABLE FROM EXP-4

EXP-4 EXPANSION MODULE
TERMINALS ON CPC-2

CPC-2 CIRCUIT BOARD



3. Connect ribbon cable from EXP-4 Expansion Module to Expansion Board 1, 2, or 3 location on CPC-2 Circuit Board. Ribbon cable must point down and not be twisted. **IMPORTANT: Ribbon cable must be properly aligned with pins or EXP-4 will not function properly with CPC-2.**

EXP-4 RIBBON CABLE PINS ON CPC-2

IMPORTANT:

Refer to appliance interlock options under "Electrical" section of CPC-2 instructions for wiring diagrams and details when wiring appliances with EXP-4 Module. Appliance interlocks with the EXP-4 are identical to those with the CPC-2. Appliance interlock locations 1- 4 on EXP-4 board will become appliances 3 - 14 depending on which EXP-4 Expansion board location the the EXP-4 is wired into on the CPC-2 Controller.