



NOTE #1: Controller must be located more than 10-ft (3-m) away from water edge.  
 NOTE #2: Sensor cable lengths are 10-ft (3-m) long with optional 25-ft (8-m) and 50-ft (16-m) extensions.  
 NOTE #3: For main recirculation line over 2-in (50 mm), install 1/2" bypass line for Bypass Line Assembly (BPL-01S) or Sensor Cell Cabinet (SCC).

**ELECTRICAL**  
 POWER INPUT  
 115V / 10A dedicated  
 230V selector switch

**POWER OUTPUTS**  
 Same voltage as input  
 All 5A relays with  
 5A slow blow fuses  
 FILL VALVE  
 HEATER CONTROL  
 RECIRCULATION PUMP CONTROL  
 FILTER CONTROLS (6 each)  
 EXTERNAL ALARM

**SENSORS**

TEMPERATURE: Thermistor  
 1/2" SST PVC tee  
 PRESSURE: Piezoelectric (2)  
 1/8" MPT fittings  
 FLOW METER: Square wave  
 1.5" MPT + saddle clamp  
 WATER LEVEL: Optical  
 1/4" MPT fitting

**COMMUNICATIONS**  
 RS-232 SERIAL PORT  
 RS-485 PARALLEL PORT  
 TELEPHONE JACK

SANTA BARBARA CONTROL SYSTEMS  
 Santa Barbara, CA 93111 805/683-8833

CHEMTRDL™ PC4000 INSTALLATION  
 Fiberglass Cabinet  
 All dimensions in in. [mm]

CHN 12/05/01  
 PC4INSTAL.dwg