



NEMA 4X Fiberglass Outdoor Enclosure:

- Tamper-resistant design
 - Hinged and lockable outer door is void of switches and disconnect handle
 - Main disconnect handle and control switches are located on an inner door
 - Inner door is also hinged to allow access to the internal components
- Disconnect handle has lock-off capabilities

Electrical Components:

- Main circuit breaker disconnect provides true Single Point Power Connection for cooling tower controls. Contractor connects a single power source and the SPCC panel provides power feeds, controls and voltages for tower controls.
- User terminal points for connecting field devices - solenoid, water level probes and alarm devices
- Pilot lights
- Status contacts for BMS interface
- User terminal strip
- Wiring diagram secured inside the panel door
- Built to UL and CUL standards

Options:

- SPCC panels are customized per project to accommodate cooling tower control options:
 - Feeder breaker for remote VFD
 - Fan motor sequencer for multiple single and two speed motors
 - Starter for the fan motors - 1 or 2 speed
 - Integrated water level controls - Make-up, alarm and cut-outs
 - Integrated basin heater controls
 - Fluid Cooler control: starters, pumps, dampers, heat trace
 - Other specials as required
- Water level advanced controls:
 - Transfer switch between multiple probe sets for dry servicing a tower fan cell
- Basin heater advanced solid state temperature controls:
 - Two line LED display of set-point and actual water temperatures
 - User adjustable temperature settings
 - Alarm output-relay activates when approaching a freezing temperature
 - 4-20mA output signal to BMS for water temperature indication
 - Industrial PT100 temperature RTD
 - Current pickup relays assuring element is actually heating

SPX[®]

COOLING TECHNOLOGIES

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