

Electrical Components

- Main circuit breaker disconnect provides true SPPC (single point power connection) for cooling tower controls. The electrical contractor connects a single power source and the SPPC panel provides power feeds, controls and voltages for tower controls. Typically each cell of a tower would require one SPPC panel.
- 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 508A industrial control panel standards

Enclosure Ratings

- Outdoor NEMA 3R painted steel
- Outdoor NEMA 3R stainless steel
- Outdoor NEMA 4X stainless steel
- Outdoor NEMA 4X fiberglass



Options

- SPPC panels are customized per project:
 - Feeder breaker for remote VFD
 - Starter for the fan motors – 1 or 2 speed
 - Integrated water level controls – make-up, alarm and cutouts
- Water level advanced controls:
 - Transfer switch between multiple probe sets for dry servicing a cooling tower 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
 - Push-to-Test heater element circuit

SPX COOLING TECHNOLOGIES, INC.

7401 WEST 129 STREET
OVERLAND PARK, KS 66213 USA
913 664 7400 | spxcooling@spx.com
spxcooling.com

SPEC-SPPC-16 | ISSUED 07/2016
COPYRIGHT © 2016 SPX CORPORATION

In the interest of technological progress, all products are subject to design and/or material change without notice.