The **SPORLAN S3C Walk-in Cooler Control Panel** should be installed only by a qualified electrician. All other system control components should be supplied by Sporlan to ensure compatibility and proper operation.

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices.
- Use caution when working around high voltage components.
- Safety covers should be used for personal safety on high voltage panels.
- Turn off, lock out, and tag out power to any existing lines that are being moved to new panel.
- Use a voltage sensing device to confirm all components are de-energized before proceeding.
- Use caution and appropriate lifting methods for panel. May require team lifting.
- Failure to follow instructions may result in injury or death.

### S3C CONTROL PANEL MODELS

- **Electric Defrost with Valve Module**  
  Item Number 953624
- **Electric Defrost**  
  Item Number 953625
- **Off Time Defrost with Valve Module**  
  Item Number 953626
- **Off Time Defrost**  
  Item Number 953627
- **Electric Defrost 460V 2 Evap**  
  Item Number 983624
- **Electric Defrost 460V 3 Evap**  
  Item Number 983629

### WIRING SCHEMATICS

A wiring schematic is attached inside the front cover of the panel (See Figure 1). Additional documents needed for proper installation and setup are available online at [www.sporlanonline.com](http://www.sporlanonline.com).

Click on the “Literature” tab, then choose section “100-Electronic Products”. Scanning the QR codes with a mobile device will direct you to the specific guide or manual.

### INSTALLATION

1. Carefully remove the panel from packaging.
2. Open panel door and inspect the contents. Ensure S3C module covers are securely in place. (These are removable for servicing fuses for lights, fans, and defrost.)
3. Identify a suitable mounting location on or near the cooler which allows wire & cable access to the panel. The panel should not be mounted inside the cooler/freezer or in a harsh environment. The panel should be positioned to allow easy access and readability of the Sporlan S3C Display Module.
4. Open the panel door and lift panel into place. Mark the mounting hole pattern on the surface that will support the panel. (See Figure 2.) Set panel aside and ensure that the screws will not drill into electrical, water or other utility lines. If mounted directly to a surface that will be below ambient temperature (caused by poorly insulated cold room walls), use spacers and leave ½” air gap between the wall surface
4. After all control parameters have been verified to meet OEM system specifications, the system may be powered up and monitored.
Figure 3 - Wiring Schematic
S3C Control Panel : Electric Defrost with Valve Module (953624)

REFERENCE ONLY!
Always follow the schematic provided inside each panel.
Figure 4 - Wiring Schematic
S3C Control Panel : Electric Defrost (953625)

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⚠ WARNING – USER RESPONSIBILITY

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