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Instruction Sheet

Subject: SM050 & UP050 Control Board 000016571

SOFTWARE VERSION 1.6 OR HIGHER

FREEZE CYCLE SELECTION SHUNT/JUMPER

Control Board Connector P4 – Freeze Cycle Time Selection Shunt

The shunt/jumper is used to select either the Standard or Minimized Freeze Time. The length of a normal freeze cycle is determined by the liquid line thermistor temperature 10 minutes after the start of the freeze cycle and the position of the freeze curve selection shunt P4.

The purpose of this instruction sheet is to demonstrate the selection between Standard (STD) and Minimized (MINI) freeze curve by changing the position of the shunt/jumper on the control board P4 pins.

Notice

Verify the shunt/jumper placement matches the ice machine refrigerant type.

SOFTWARE VERSION IDENTIFICATION



Version 1.7 Shown

DANGER

This equipment contains high voltage electricity and refrigerant charge. Installation and repairs are to be performed by properly trained technicians aware of the dangers of dealing with high voltage electricity and refrigerant under pressure. The technician must also be certified in proper refrigerant handling and servicing procedures. All lockout and tag out procedures must be followed when working on this equipment.

⚠ Caution

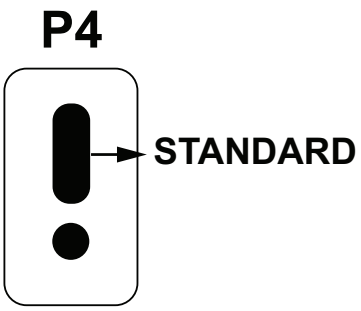
The electrical supply to the ice machine must be disconnected before changing shunt/jumper position to avoid control board electrical issues.

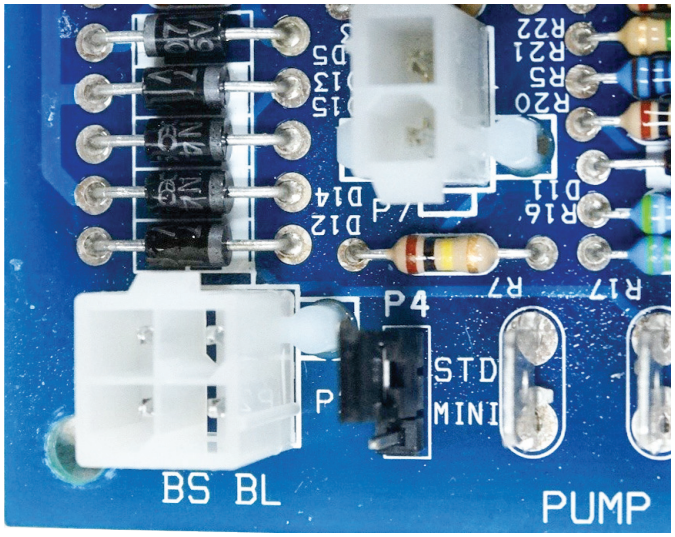
Notice

When the shunt/jumper is not placed in the Minimized position - The ice will not release from the evaporator in the harvest cycle and will continue to build additional layers of ice each subsequent cycle. When no shunt/jumper is installed - The control board runs the Standard freeze time and results in the same failure mode as an incorrectly placed shunt/jumper.

Standard Freeze Time Selection

Connect shunt/jumper at STD position to select the Standard-freeze time.





Minimized Freeze Time Selection

Connect shunt/jumper at MINI position to select the Minimized freeze time.

