



# SCS Controller - Hot Cabinet Control BETA

## Summary

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**Important Note:** The standard SC temperature probe supplied by AoFrio are **not suitable** for use at elevated temperatures >75 Celsius due to low accuracy and potential thermal break-down of plastic insulation.

Suitable NTC probes with high temperature rated elements and insulation must also be used.

AoFrio's Firmware release FW-4024 adds basic support for using SCS as a controller for thermostatic heating applications.

This functionality is accessed by selecting the new option for Install Type of "Hot Cabinet" and produces the following changes to regular SCS behaviour:

- User set point range is extended to allow a minimum of 68 Celsius and maximum of 90 Celsius
- The configured "Compressor" port is inverted to drive a heating element:
  - The output will activate heating when the temperature drops below "Operational Set Point"
  - The output will end heating when the temperature rises above "Operational Set Point" by the amount configured in "Operational Differential"
- Refrigeration-specific functions are disabled including:
  - All types of defrost
  - Perishable mode
  - Temperature-based door state estimation
  - Condenser fan output
- Some other SCS functions are not affected:
  - Lighting outputs
  - Fan output for air circulation