

## **Certificate of Compliance**

Certificate: 80005281 Master Contract: 189456

**Project:** 80176888 **Date Issued:** 08/04/2023

Issued to: SIT SPA

Viale dell' Industria, 31-33 Padova, Padova 35129

Italy

Attention: Francesco Andreazza

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



**Issued by:** Grace Gao Grace Gao

## **PRODUCTS**

C263203 FUEL BURNING EQUIPMENT (GAS) - Gas Burners, Electrical Equipment for Accessories C263283 FUEL BURNING EQUIPMENT (GAS)-Gas Burners Electrical - Equipment for Accessories-Certified to U.S. Standards

Storage water heater control model BIC0580241 and BIC0580275, input rated 120Vac, 60Hz, 2W

Output loads:

Gas valve output: 120Vac, 0.2A Auxiliary output: 120Vac, 1A

Fan output: 120Vac, 1.3A @100% duty of PWM

HSI output: 120Vac, 1A, inrush 5A

Pool heater control model BIC0580280, input rated 120Vac, 60Hz, 12VA

Output loads:

Gas valve output: 120Vac, 0.2A ON/OFF blower: 120Vac, 1.9A External ignition output: 120Vac, 0.4A

Number of cycles (100,000)

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Ambient: -20C to 70C

Safety function	Timings (secs)
Max flame failure response time	1s
Pre-Purge time	10s
Inter-Purge time	35s
Post - purge time	35s
Pre-ignition time	12s
Trial for ignition period	5s
Number of Ignition Tries	3
High temperature limit	190 °F
[include other applicable safety times reference to Table 7.2/cl. 15.0]	

## Notes:

- 1. Above model is certified as a component model to be used in CSA Certified equipment where the suitability of the combination is evaluated by CSA-Group.
- 2. The above, referenced models are provided with software Version as confirmed in Software report Appendix B; Control Class C
- 3. Above control is certified for non-permanent operation system



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## APPLICABLE REQUIREMENTS

ANSI Z21.20-2014 • CAN/CSA C22.2 NO. 60730-2-5-14 - Automatic electrical controls for household and similar use - Part 2-5: Particular requirements for automatic electrical burner control systems (Bi-national standard with ANSI Z21.20-2014 and UL 60730-2-5)

CAN/CSA E60730-1:15 - Automatic electrical controls Part 1: General requirements

CAN/CSA-C22.2 No 60730-2-9:18 (Ed. 4) - Automatic electrical controls — Part 2-9: Particular requirements for temperature sensing controls

UL353 Ed5 - Limit Switches for Use in Electrical Industrial Control Systems



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Notes:

Products certified under Class C263203 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). <a href="https://www.scc.ca">www.scc.ca</a>



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T. 4