



# Certificate of Compliance

**Certificate:** 2675418

**Master Contract:** 251769

**Project:** 80102432

**Date Issued:** 2022-02-21

**Issued To:** L.S. Bilodeau  
281 rte. 108 Est  
St-Ephrem, Quebec, G0M1R0  
Canada

**Attention:** Sylvain Bilodeau

*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:** Aaron Reesor  
Aaron Reesor

## **PRODUCTS**

CLASS - C651601 - SOLID FUEL BURNING EQUIPMENT Furnaces

CLASS - C651681 - SOLID FUEL BURNING EQUIPMENT Furnaces - Certified to US Standards

Hand-fired Wood furnace

Model: Airbilo / Airbilo bois-granules / Airbilo plus / Airbilo plus option granules

6 in. diameter flue

Accessories:

- Optional 16.5, 18, 22 and 24KW electrical heating kits
- Optional oil furnace add-on kit
- Optional hot water heater kit
- Optional amber blower kit
- Optional pellet burner kit (edition 2)



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**Airbilo / Airbilo bois-granules Solid Fuel Fired Furnaces:**

Models:	Fuel:
Airbilo Vent-AB-Standard	Wood
Airbilo Vent-AB-ADDON	Wood
Airbilo Vent-AB-GRANULES	Wood / Pellets

**Airbilo plus / Airbilo plus option granules Solid Fuel Fired Furnaces:**

Models:	Fuel:
Airbilo PLUS ABPLUS-CONTROL-ST	Wood
Airbilo PLUS ABPLUS-CONTROL-ADDON	Wood
Airbilo PLUS ABPLUS-CONTR-GRAN	Wood / Pellets
AirBilo PLUS ABPLUS-GRANUL-ADDON	Wood / Pellets

**Airbilo / Airbilo bois-granules Combination Solid Fuel Fired/ Electric/Pellet Heat Furnaces:**

Models:	Fuel:	Electrical kW Rating:	Electrical FLA Rating:
Airbilo Vent-AB-Standard H-SE-16.5-13	Wood/ Electric	16.5	75
Airbilo Vent-AB-Standard H-SE-18-13	Wood/ Electric	18	80
Airbilo Vent-AB-Standard H-SE-22-13	Wood/ Electric	22	100
Airbilo Vent-AB-Standard H-SE-24-13	Wood/ Electric	24	105
Airbilo Vent-AB-ADDON H-SE-16.5-19	Wood/ Electric	16.5	75
Airbilo Vent-AB-ADDON H-SE-18-19	Wood/ Electric	18	80
Airbilo Vent-AB-ADDON H-SE-22-19	Wood/ Electric	22	100
Airbilo Vent-AB-ADDON H-SE-24-19	Wood/ Electric	24	105
Airbilo Vent-AB-GRANULES H-SE-16.5-13	Wood/ Pellet/Electric	16.5	75
Airbilo Vent-AB-GRANULES H-SE-18-13	Wood/ Pellet/Electric	18	80
Airbilo Vent-AB-GRANULES H-SE-22-13	Wood/ Pellet/Electric	22	100
Airbilo Vent-AB-GRANULES H-SE-24-13	Wood/ Pellet/Electric	24	105
Airbilo Vent-AB-GR-ADDON H-SE-16.5-19	Wood/ Pellet/Electric	16.5	75
Airbilo Vent-AB-GR-ADDON H-SE-18-19	Wood/ Pellet/Electric	18	80
Airbilo Vent-AB-GR-ADDON H-SE-22-19	Wood/ Pellet/Electric	22	100
Airbilo Vent-AB-GR-ADDON H-SE-24-19	Wood/ Pellet/Electric	24	105

- Models with suffix “ADDON” are for add-on to an existing oil furnace having an oil input, as shown on the original nameplate, between 0.50 USgph to 0.65 USgph. Add-on duct arrangement is for a straight through plenum or a divided plenum arrangement.
- Electrical supply ratings for the wood only models is 120V, 60 Hz, single phase, 5A. Electrical supply ratings for the combination wood/ electric heat models is 240/120V, 60 Hz, single phase, 3 wire, kW and FLA as shown above.



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- Installation clearances (inches): A-25; F-48; S1-24; S2-6 to furnace side, 10 to combustion door; R-12; Fp-18; Floor- Combustibles; Plenum first 72 inches- 6 without heatshield, 4 with heatshield.
- For indoor installation only

**Airbilo plus / Airbilo plus option granules Combination Solid Fuel Fired/ Electric/Pellet Heat Furnaces:**

Models:	Fuel:	Electrical kW Rating:	Electrical FLA Rating:
Airbilo PLUS ABPLUS-CONTROL-ST H-SE-16.5-13	Wood/ Electric	16.5	75
Airbilo PLUS ABPLUS-CONTROL-ST H-SE-18-13	Wood/ Electric	18	80
Airbilo PLUS ABPLUS-CONTROL-ST H-SE-22-13	Wood/ Electric	22	100
Airbilo PLUS ABPLUS-CONTROL-ST H-SE-24-13	Wood/ Electric	24	105
Airbilo PLUS ABPLUS-CONTROL-ADDON H-SE-16.5-19	Wood/ Electric	16.5	75
Airbilo PLUS ABPLUS-CONTROL-ADDON H-SE-18-19	Wood/ Electric	18	80
Airbilo PLUS ABPLUS-CONTROL-ADDON H-SE-22-19	Wood/ Electric	22	100
Airbilo PLUS ABPLUS-CONTROL-ADDON H-SE-24-19	Wood/ Electric	24	105
Airbilo PLUS ABPLUS-CONTR-GRAN H-SE-16.5-13	Wood/ Pellet/Electric	16.5	75
Airbilo PLUS ABPLUS-CONTR-GRAN H-SE-18-13	Wood/ Pellet/Electric	18	80
Airbilo PLUS ABPLUS-CONTR-GRAN H-SE-22-13	Wood/ Pellet/Electric	22	100
Airbilo PLUS ABPLUS-CONTR-GRAN H-SE-24-13	Wood/ Pellet/Electric	24	105
AirBilo PLUS ABPLUS-GRANUL-ADDON H-SE-16.5-19	Wood/ Pellet/Electric	16.5	75
AirBilo PLUS ABPLUS-GRANUL-ADDON H-SE-18-19	Wood/ Pellet/Electric	18	80
AirBilo PLUS ABPLUS-GRANUL-ADDON H-SE-22-19	Wood/ Pellet/Electric	22	100
AirBilo PLUS ABPLUS-GRANUL-ADDON H-SE-24-19	Wood/ Pellet/Electric	24	105

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- For indoor installation only

Note: Purpose of this testing series, approve a wood burning hot air furnace as per Canadian and USA standard. A smaller firebox furnace already certified in 2014 (P-1214) reference CSA report 2675418 and project 70159618 updated on October 2017. Purposes of this testing are a confirmation existing clearance from the original furnace, confirmation of safety failures, construction and documentation review. All add-on from the original certification will be listed with this furnace. The electrical heater add-on from the previous certification can be installed on this furnace (identical, same wiring, component, clearance, output). It does not hold an independent certification.



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### APPLICABLE REQUIREMENTS

CSA B366.1-11 - Solid-fuel-fired central heating appliances  
CSA C22.2 No.3-M1988 - Electrical features of fuel burning equipment  
UL391 fifth edition - Solid-fuel and combination-fuel central and supplementary furnaces  
CSA C22.2 No. 23.1-M1986 – Electric Furnaces in Combination with Solid Fuel Fired Furnaces  
CSA C22.2 No. 236-11 - Heating and cooling equipment  
UL 1995 fourth edition - Heating and cooling equipment

### MARKINGS

Detailed in Report 2675418.

Notes:

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Products certified under Class C651601 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)



Products certified under Class C651681 have been certified under CSA's ISO/IEC 17065 accreditation with the American National Standards Institute (ANSI). [www.ansi.org](http://www.ansi.org)





## Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

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Project	Date	Description
80102432	2022-02-21	Update to Report 2675418 to add additional Airbilo Plus model. Testing to be performed by Polytest.  Extract details pertaining to emission and efficiency testing performed on Hand-fired Wood Furnace Airbilo and Airbilo bois-granules. No change to report or appliance. No testing deemed necessary.
70159618	2017-10-18	Correction of report 2675418 as a model was missed in a recent update
70145493	2017-08-15	Addition of wood pellet burner to existing certified furnace model air-bilo to standards CSA B366.1, UL 391, CSA B415.1-10. Testing performed by Polytest Services.
2675418	2014-09-26	Warm Air Combination Wood/Electric Heat Furnace, Model Series Airbilo