

PURPOSE: To communicate two upcoming changes to the I-Series Plus Combi and Heat-Only Installation and Operation Manuals.

PRODUCT INFORMATION

- Applicable Product: Rinnai I-Series Plus Condensing Boilers (Combi and Heat-Only)
- Applicable Models:
 - **Combi Models:** IP060160C, IP090099C, IP090160C, IP090199C, IP120199C, IP150199C, IP175199C, IP199199C
 - **Heat-Only Models:** IP060S, IP090S, IP120S, IP150S, IP175S, IP199S

DETAILS

Update #1:

The first update to the I-Series Plus Boiler Combi and Heat-Only Installation and Operation Manual applies to section “13. Maintenance” (Figure 1).

In the second bullet point in the “Warning” section, the terminology “must be” and “must verify” are changing to “is recommended to.” For example:

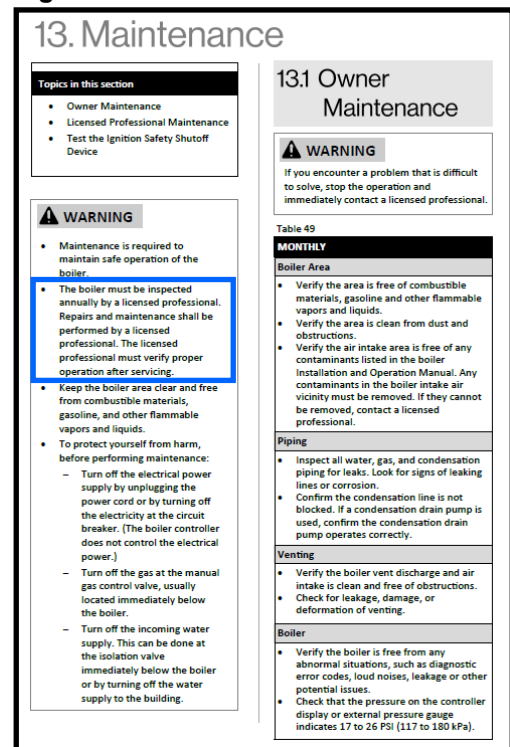
Current Statement:

"The boiler **must be** inspected annually by a licensed professional. Repairs and maintenance shall be performed by a licensed professional. The licensed professional **must verify** proper operation after servicing."

Revised Statement:

"The boiler **is recommended to** be inspected annually by a licensed professional. Repairs and maintenance shall be performed by a licensed professional. The licensed professional **is recommended to** verify proper operation after servicing."

Figure 1



Update #2:

The second update to the I-Series Plus Boiler Combi and Heat-Only Installation and Operation Manual applies to the two sections below:

- **Section in Manual: 5.5.5 Non-Direct Vent (Room Air) Termination Clearances**
 - Table 23, Reference B (Clearance to window or door that may be opened) (Figure 2).
- **Section in Manual: 5.5.2 Direct Vent (Concentric and Twin Pipe) Termination Clearances**
 - Table 15, Reference B (Clearance to window or door that may be opened) (Figure 3).

In both sections, Reference B for Canadian installations is being modified to reflect the new clearances as shown in the table below.

**Section in Manual:
5.5.5 Non-Direct Vent (Room Air)
Termination Clearances**

Figure 2

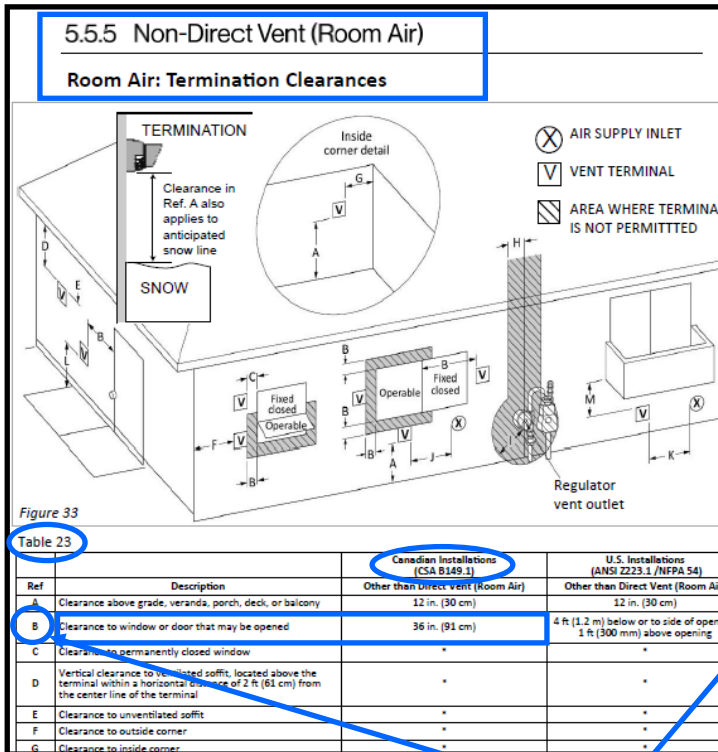


Figure 33

Table 23

Ref	Description	Canadian Installations (CSA B149.1)		U.S. Installations (ANSI Z223.1/NFPA 54)
		Other than Direct Vent (Room Air)	Other than Direct Vent (Room Air)	Other than Direct Vent (Room Air)
A	Clearance above grade, veranda, porch, deck, or balcony	12 in. (30 cm)	12 in. (30 cm)	12 in. (30 cm)
B	Clearance to window or door that may be opened	36 in. (91 cm)	36 in. (91 cm)	4 ft (1.2 m) below or to side of open 1 ft (300 mm) above opening
C	Clearance to permanently closed window	*	*	*
D	Vertical clearance to ventilated soffit, located above the terminal within a horizontal distance of 2 ft (61 cm) from the center line of the terminal	*	*	*
E	Clearance to unventilated soffit	*	*	*
F	Clearance to outside corner	*	*	*
G	Clearance to inside corner	*	*	*

Table 23, Reference B

**Section in Manual:
5.5.2 Direct Vent (Concentric and
Twin Pipe) Termination Clearances**

Figure 3

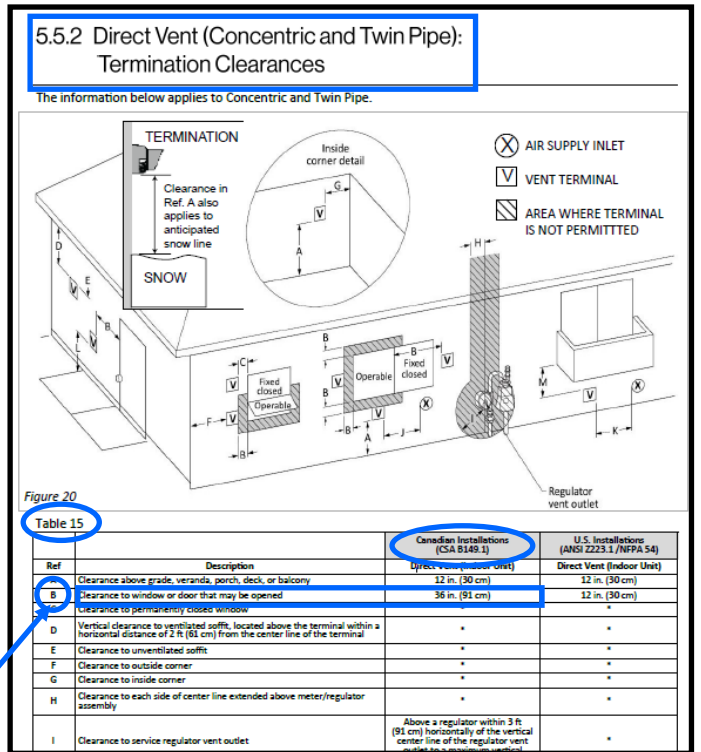


Figure 20

Table 15

Ref	Description	Canadian Installations (CSA B149.1)	U.S. Installations (ANSI Z223.1/NFPA 54)
		Direct Vent (Indoor Unit)	Direct Vent (Indoor Unit)
A	Clearance above grade, veranda, porch, deck, or balcony	12 in. (30 cm)	12 in. (30 cm)
B	Clearance to window or door that may be opened	36 in. (91 cm)	12 in. (30 cm)
C	Clearance to permanently closed window	*	*
D	Vertical clearance to ventilated soffit, located above the terminal within a horizontal distance of 2 ft (61 cm) from the center line of the terminal	*	*
E	Clearance to unventilated soffit	*	*
F	Clearance to outside corner	*	*
G	Clearance to inside corner	*	*
H	Clearance to each side of center line extended above meter/regulator assembly	*	*
I	Clearance to service regulator vent outlet	Above a regulator within 3 ft (91 cm) horizontally of the vertical center line of the regulator vent outlet	*

Table 15, Reference B

Ref B (Canadian Installations) REVISED Clearances:

Ref	Description	Canadian Installations (CSA B149.1)
B	Clearance to window or door that may be opened	<ul style="list-style-type: none"> • 6 in. (15 cm) for appliances ≤ 10,000 Btu/hr • 12 in. (30 cm) for appliances > 10,000 Btu/hr and ≤ 100,000 Btu/hr • 36 in. (91 cm) for appliances > 100,000 Btu/hr

The above clearance adjustments are required to ensure compliance with the CSA B149.1 standard, as well as ensure a safe and proper installation.

NEXT STEPS

The above changes are being announced in this technical bulletin for immediate notification and will appear in the next revision of the boiler Installation and Operation manual.

The Installation and Operation manual is packaged with the boiler, or can be accessed online at www.rinnai.us or www.rinnai.ca.