



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 457-04-E Vol. 2

Manufacturer: Rinnai Corporation, 2-26 Fukuzumi-cho, Nakagawa, Nagoya, Japan

Trade Name(s): Rinnai

Product: Instantaneous, gas fired , direct-vent hot water heaters

Pertinent Code Section(s): 27-800, P107.26, RS 14-2 (ANSI A223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.103)

Laboratory: CSA International

Test Report(s): CSA Report 189893-1242940 dated January 24, 2006

Description – Direct-vent, wall-mounted, instantaneous, gas-fired hot water heater, designed for indoor installation. Unit comprises burner, ignition module, flame sensor igniter, combination control valve, combustion air blower wheel and temperature limit control. Units, with model numbers and input heating ratings, are listed below:

Model No.	Input Heating Rating Range BTUH
REU-V2520FFUD-US	15,000-18,000
REU-V2520FFUCD-US	15,000-18,000

Notes:

1. Model designations are as follows: W-outside wall Installation; FFU-forced to upper direction; C-Commercial; D-Flangeless

2. Minimum clearances as follows:

	Indoor (In.)
Left or Right Sides	2
Top	6
Rear	0
Floor	12 (combustible or non combustible
Front	--

3. Indoor units are direct vented with the following conditions:

Vent Specifications

Equivalent Length, feet:

Vent System	Max. + Elbows	Min.	Of Each Elbow
Rinnai/Ubbink	41	6	6
Heat Fab	41	6	6

Wall Thickness: Maximum= 20 inches, Minimum= 4 inches

Material Specification for Cocentric air Intake/Vent:

Manufacturer	Rinnai/Ubbick	Heat Fab
Air Intake Pipe	5 inch diameter PVC	5 inch diameter AL29-4C
Vent Pipe	3 inch diameter aluminum	3 inch diameter AL29-4C

Terms and Conditions: The above described water heater, should be accepted under the following conditions:

- 1. Clearances to combustible construction as above shall be maintained.**
- 2. Unit shall be fired by natural gas only.**
- 3. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.**

4. All shipments and deliveries of the above described materials shipped or delivered is equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
5. Approval of all electrical equipments, apparatus, materials and devices shall be obtained from the Electrical Advisory Board before installation.
6. Units shall be installed and use in compliance with the Energy Conservation Construction Code of New York State.

Note: In accordance with 27-131 (d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the commissioner; and any material which upon retesting is found not to comply with code requirements or the requirements set forth in the approval of the commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance July 21, 2006

Examined by Simon Derkshda