



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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

**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 Z223.1).

**Prescribed Test(s):** RS 14-6 (ANSI Z21.10.3).

**Laboratory:** CSA International.

**Test Report(s):** CSA Report 189893-1242940 dated September 9, 2003.

**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-V2520FFU-US	15,000 – 180,000
REU-V2520FFU-C-US	15,000 – 180,000

Notes: 1. Model designations are as follows: W – outside wall installation; FFU – forced flue type to upper direction; C – Commercial.

2. Minimum clearances are as follows:

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

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

Vent Specification:

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:

Manufacturer	Rinnai/Ubbink concentric air-intake/vent	Heat-Fab
Air Intake Pipe	5 inch diameter PVC	5 inch diameter AL29-4C
Vent Pipe	3 inches diameter Aluminum	3 inch diameter AL29-4C

**Terms and Conditions** – That the above described water heater, installed as per clearances to combustible construction specified above, be accepted when fired by natural gas only, under the following conditions:

1. Heaters shall not be installed in any closed space with a volume of less than 100 cubic feet.
2. All shipments and deliveries of the above described materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered is equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation.

Final Acceptance October 28, 2005

Examined By Simon Derkhudam