



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 402-05-E

Manufacturer: RBI Water Heaters, 260 N. Elm Street, Westfield, MA 01085.

Trade Name(s): Futera III.

Product: Gas fired hot water boiler.

Pertinent Code Section(s): 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.13), Steam and Hot Water Boilers.

Laboratory: CSA International.

Test Report(s): CSA Report No. 1565919, dated September 28, 2005.

Description: Gas fired, low pressure hot water boilers. Used for indoor/outdoor commercial application. Units have full modulation with 3:1 turndown, using a proven pilot with interrupted spark ignition and UV flame detention. Units, with model numbers and input heating ratings are listed below:

Model No.	Input Rating, BTUH
MB500N(P)(D)	500
MB750N(P)(D)	750
MB1000N(P)(D)	1000
MB1250N(P)(D)	1250
MB1500N(P)(D)	1500
MB1750N(P)(D)	1750
MB2000N(P)(D)	1999

Clearances:

Type of Enclosure	X	Alcove	X	Closet
A) Top		6		6
B) Front		N/A		6
C) Vent		6		6
D) Rear		6		6
EL) Left Side		6		6
ER) Right Side		6		6
F) Floor	X	Combustible		Non-Combustible
G) Line Contact		Yes	X	No

Units may be direct vented with the following conditions:

Boiler Model Number	Equivalent Vent & Intake Length (see note) Diameter (vent/intake)
M(B)500	6"/8"
M(B)750	7"/7"
M(B)1,000	7"/7"
M(B)1,250	8"/10"
M(B)1,500	8"/10"
M(B)1,750	10"/12"
M(B)2,000	10"/12"

Notes: Subtract 10 ft., 3.3 m for each 90°elbow.

Boiler Model Number	Equivalent Vent & Intake Length (see note) 40 ft.	
	Diameter(vent/intake)	Length
M(B)500	5"/7"	75'
M(B)750	5"/5"	40'
M(B)1,000	5"/5"	40'
M(B)1,250	8"/10"	40'
M(B)1,500	8"/10"	40'
M(B)1,750	10"/12"	40'
M(B)2,000	10"/12"	40'

Boiler Model Number	Equivalent Vent & Intake Length (see note) 60 ft.	
	Diameter(vent/intake)	Length
M(B)500	6"/8"	80'
M(B)750	5"/5"	60'
M(B)1,000	7"/7"	60'
M(B)1,250	8"/10"	60'
M(B)1,500	8"/10"	60'
M(B)1,750	10"/12"	60'
M(B)2,000	10"/12"	60'

Boiler Model Number	Equivalent Vent & Intake Length (see note) 80 ft.	
	Diameter(vent/intake)	Length
M(B)500	8"/10"	100'
M(B)750	6"/6"	80'
M(B)1,000	6"/6"	100'
M(B)1,250	8"/8"	80'
M(B)1,500	8"/8"	80'
M(B)1,750	10"/10"	80'
M(B)2,000	10"/10"	80'

Notes: Subtract 10 ft, 3.3 m for each 90°elbow.

Red text indicates test data not included in this package.

Terms and Conditions- The above described gas fired hot water boilers, constructed in accordance with the ASME Boiler Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only when connected to compatible gas vent in accordance with Section 27-886 and Article 15 of Building Code. This acceptance in no way includes the external piping, connections and appurtenances thereto, which are required to fully conform with applicable provisions of law, but have not been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical control before installation. All shipments and deliveries of such equipment shall be provided with a metal tag certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance February 3 2006

Examined by S. van Der Kerkhof