



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 369-07-E

Manufacturer: BBT North America Corporation
Bosch Group
50 Wentworth Avenue
Londonderry, NH 03053

Trade Name(s): Bosch

Product: Gas-fired re-circulating tankless domestic hot water heater.
MEA Index #410 – Heaters

Pertinent Code Section(s): 27-800, RS 16 (P107.26), RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10.3-2004)

Laboratory: CSA International

Test Report(s): CSA Report No. 1759885 dated February 8, 2006.

Description: Gas-fired, re-circulating tankless domestic hot water heater with copper heat exchanger, main burner and control. Units are suitable for vertical or horizontal venting, direct vent and sealed combustion. Units, with model numbers and input heating, are listed below:

Model No.	Input Heating (Btu/hr)
GWH345ESR	95,000
GWH450ESR	120,000

VENTING SPECIFICATIONS

AI I models are certified for use with UL Certified Stainless Steel Vent (AL29-4c, Z-Flex, Protech or Heat-Fab).

When employing optional inlet air pipe, it may be 3" PVC, Aluminum or Galvanized pipe.

Maximum vent length is 39 feet with 1 elbow (subtract 6 feet for each additional elbow).
Maximum - 4 elbows.

Minimum vent length is 3 feet.

Combustion outlet Vent Cap must be a standard "T" fitting – 10 inches from wall.

Refer to installation instructions.

MINIMUM CLEARANCES TO COMBUSTIBLES (INCHES)

<u>Top</u>	<u>Front</u>	<u>Back</u>	<u>Sides</u>	<u>Floor</u>	<u>Flue</u>
12	4 AL, CL	0	1	C*	3**

* - A minimum distance of 12 inches is required from the bottom of the appliance to combustible or non-combustible surfaces.

** - As per UL Certified Vent Material.

Unit is certified for alcove or closet installation with the above minimum clearances.

Terms and Conditions: The above-described instantaneous gas-fired heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed with clearances from combustible construction as indicated above.
3. Heaters shall not be installed in any closed space with a volume of less than 100 cubic feet.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.

5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 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 April 10, 2008

Examined By Suen Derphutan