



# 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 433-06-E

**Manufacturer:** Heat Wise, Inc., 28 Industrial Blvd., Unit I, Medford, N.Y. 11783

**Trade Name(s):** Heat Wise

**Product:** Power gas-fired burners

**Pertinent Code Section(s):** 27-800, 27-807, 27-826, RS 14-2 (ANSI Z223.1)

**Prescribed Test(s):** RS 14-6 (UL 795)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL file MH18304 dated July 17, 2006

**Description:** Gas-fired burners, GB series, are interrupted direct spark, flame retention head, power gas burners. The burner is comprised of a main fan housing with an interrupted direct ignition system with gas safety control and gas train. The standard unit weighs between 160 and 175 lbs with its standard gas train and can be used as a conversion burner, replacement burner or as an original equipment manufacturer component of a new system. Different gas trains, including on/off, high-low and fully modulating, are available. The GB series burners can be used to provide heat and hot water for residential buildings, schools, hospitals, large public buildings, and industrial applications. Units, with model numbers and minimum and maximum ratings, are listed below:

| Model No. | Input Rating BTU/H |           |
|-----------|--------------------|-----------|
|           | Minimum            | Maximum   |
| GB-30     | 700,000            | 3,000,000 |
| GB-50     | 1,200,000          | 5,100,000 |

**Terms and Conditions:** The above-described power gas conversion burners are accepted under the following conditions:

1. Units shall be equipped with applicable safety controls and installed in accordance with the requirements enumerated in Section 27-826 and 27-800, and installed in accordance with NFPA Standard 54.
2. Units shall be fired by natural gas only with firing rated as indicated.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
4. 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 acceptable for use, as provided in Section 27-131 of the Building Code.
5. Units shall be used in compliance with the Energy Conservation Code of New York State.

**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 August 23, 2008

Examined By Simon Derphoster