



# 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 434-06-E

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

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

**Product:** Oil burners

**Pertinent Code Section(s):** 27-800, 27-826, 27-831

**Prescribed Test(s):** RS 14-6 (UL 296)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL file MH16504, dated July 17, 2006

**Description:** The DE-10 is a commercial oil burner, firing No. 2 fuel oil or lighter. The burner is comprised of a main burner blower housing a single interrupted direct ignition system. The burner uses a standard interrupted oil primary CD Cell control. A standard mechanical pump with a solenoid valve is coupled to a ½ HP motor. The unit weighs 55 lbs. and can be used as a conversion burner, replacement burner or as an original equipment manufacturer component of a new system. The burner can be used to provide heat for hot water for residential buildings, light commercial buildings, apartment buildings, other large public buildings and process applications. Unit, with model number, is listed below:

Model Number	Firing Rate GPH	
	Minimum	Maximum
DE-10	2.75	8.50

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

1. Burners shall be fired by No. 2 fuel oil or lighter only.
2. Burners shall be equipped with safety-controls as provided for in Sections 27-831 and 27-800 as applicable, and installed in accordance with NFPA 31.
3. Approval shall be obtained from the Department of Environmental Protection's Bureau of Air Resources to show compliance with their rules and regulations for fuel oil burning equipment.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. 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 New York City Building Code.
6. Units shall be used in compliance with the Energy Conservation Construction 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 September 15, 2006

Examined By Simon Derk Madam