



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

## Report of Materials and Equipment Acceptance Division

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 526-06-E

**Manufacturer:** AbsolutAire, Inc., 5496 North Riverview Drive, Kalamazoo, MI 49004

**Trade Name(s):** AbsolutAire, Inc., Johnson Marcraft, Greasemaster

**Product:** Direct gas-fired unit heaters

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

**Prescribed Test(s):** RS 14-6 (ANSI Z83.4)

**Laboratory:** Intertek Testing Services

**Test Report(s):** 3023279-001, -002, -003, -004.

**Description:** Gas-fired unit heaters designed for indoor or outdoor installation for horizontal, upflow and downflow discharge, to supply make-up air to non-residential spaces. Unit is comprised of a direct gas-fired burner, ignition system, flame safeguard and combination gas-pressure regulator, high temperature limit control, air-flow switch, centrifugal blower(s) and modulating dampers. Units, with model numbers, air-flow range and input heating ratings, are listed below:

Model No.	CFM		Max. Temp. Rise Nat./LP (°F)	Max. Input Rate (Btu/hr)
	Min.	Max.		
R318	2,400	6,000	125/95	813,384
R320	2,800	8,000	125/95	1,094,511
R327 or R427	5,500	14,000	125/95	1,762,331
R330 or R430	6,600	20,000	125/95	2,711,278
R336 or R436	9,400	22,500	125/95	3,050,188
R340 or R440	11,500	30,000	125/95	4,066,198
R344 or R444	14,000	35,000	125/95	4,744,737

Model No.	CFM		Max. Temp. Rise Nat./LP (°F)	Max. Input Rate (Btu/hr)
	Min.	Max.		
R349 or R449	17,000	40,000	125/95	5,422,557
R354 or R454	21,000	56,000	125/95	7,591,580
R360 or R460	25,500	61,000	125/95	8,269,399
R366 or R466	31,000	75,000	125/95	10,167,294
R373 or R473	38,000	85,000	125/95	11,522,933
R380 or R480	46,000	110,000	125/95	14,912,031
R389 or R489	56,000	130,000	125/95	17,623,310

Product Covered

Non re-circulating direct gas-fired Industrial Air Heaters.  
 Series R, model number followed by 318, 320, 327-427, 330-430, 336-436, 340-440, 344-444, 349-449, 354-454, 360-460, 366-466, 373-473, 380-480, 389-489, followed by U or H, followed by O (100% OA constant volume) or V (100% OA variable volume), followed by X (Maxon Burner), E (Eclipse Burner) or M (Midco Burner).

**Terms and Conditions:** The above-described direct-fired gas make-up air heaters are accepted for operation under the following conditions:

1. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.
2. Heaters shall not be operated until installation is approved for such operation by the Gas Company.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
4. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 1/23/08

Examined By [Signature]