



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 347-97-E Vol. 2

Manufacturer: Weather-Rite, 616 North Fifth Street, Minneapolis, MN 55401

Trade Name(s): Weather-Rite, Bananza, Rapid, Combat, Blackheat and EK Campbell

Product: Indirect gas- and oil-fired heaters

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

Prescribed Test(s): RS 14-6 (UL 731 and UL 795)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File J960002668.001, .002, .003, dated December 9, 1996 and December 11, 2006.

Description: Unit heaters, intended for industrial and commercial use, fired by No. 2 fuel oil, natural gas or combination gas-oil, as specified below. The indirect fired heaters, Models **ID** and **TOP**, are a series of air-heating units utilizing a drum & tube heat exchanger, a variety of air-handling modes and forced draft gas, oil or combination burner with natural draft as the heat source. The **ID** series units include a blower or blowers and may be connected to a duct system. The **TOP** series units are typically free standing and use prop-type fans for high CFM non-ducted discharge. Accessories include inlet and discharge dampers, filter banks, discharge nozzles and diffusers, vibration feet, vibration hanger, service platforms, roof curb, inlet/return air louvers, optional induced draft and remote operating panel. Units and their ratings are listed on the following page.

Weather-Rite	Bananza	Rapid	Combat	Blackheat	Weather-Rite	EK Campbell	Fuel Input Range (MBH)
ID-35	BMA-35	8500-35	IDF35	BIDF35	IDF-35	503-35	300 – 435
ID-45	BMA-45	8500-45	IDF45	BIDF45	IDF-45	503-45	300 – 560
ID-50	BMA-50	8500-50	IDF50	BIDF50	IDF-50	503-50	300 – 630
ID-65	BMA-65	8500-65	IDF65	BIDF65	IDF-65	503-65	640 – 810
ID-75	BMA-75	8500-75	IDF75	BIDF75	IDF-75	503-75	650 – 940
ID-85	BMA-85	8500-85	IDF85	BIDF85	IDF-85	503-85	650 – 1,060
ID-100	BMA-100	8500-100	IDF100	BIDF100	IDF-100	503-100	650 – 1,250
ID-125	BMA-125	8500-125	IDF125	BIDF125	IDF-125	503-125	700 – 1,565
ID-150	BMA-150	8500-150	IDF150	BIDF150	IDF-150	503-150	700 – 1,880
ID-175	BMA-175	8500-175	IDF175	BIDF175	IDF-175	503-175	750 – 2,190
ID-200	BMA-200	8500-200	IDF200	BIDF200	IDF-200	503-200	750 – 2,500
ID-225	BMA-225	8500-225	IDF225	BIDF225	IDF-225	503-225	750 – 2,800
ID-250	BMA-250	8500-250	IDF250	BIDF250	IDF-250	503-250	750 – 3,130
ID-275	BMA-275	8500-275	IDF275	BIDF275	IDF-275	503-275	900 – 3,440
ID-300	BMA-300	8500-300	IDF300	BIDF300	IDF-300	503-300	900 – 3,750
ID-350	BMA-350	8500-350	IDF350	BIDF350	IDF-350	503-350	900 – 4,380
ID-400	BMA-400	8500-400	IDF400	BIDF400	IDF-400	503-400	1,750 – 5,000
ID-450	BMA-450	8500-450	IDF450	BIDF450	IDF-450	503-450	1,750 – 5,600
TOP-136	BAR-136	7500-136	AT136	BAT136	STR-136	563-136	300 – 1,250
TOP-148	BAR-148	7500-148	AT148	BAT148	STR-148	563-148	300 – 1,250
TOP-154	BAR-154	7500-154	AT154	BAT154	STR-154	563-154	300 – 1,560
TOP-236	BAR-236	7500-236	AT236	BAT236	STR-236	563-236	300 – 1,250
TOP-242	BAR-242	7500-242	AT242	BAT242	STR-242	563-242	625 – 1,560
TOP-248	BAR-248	7500-248	AT248	BAT248	STR-248	563-248	940 – 1,875
TOP-254	BAR-254	7500-254	AT254	BAT254	STR-254	563-254	1,875 – 3,125
TOP-260	BAR-260	7500-260	AT260	BAT260	STR-260	563-260	3,125 – 5,000
TOP-272	BAR-272	7500-272	AT272	BAT272	STR-272	563-272	3,125 – 5,625

Configuration

ID: Horizontal or Vertical
TOP: Horizontal

Air Flow

ID: 3,500 – 57,000 SCFM
TOP: 4,500 – 100,000 SCFM

Installation

ID: Indoor & Outdoor
TOP: Indoor

Terms and Conditions: The above-described unit heaters are accepted under the following conditions:

1. Units are for commercial and industrial installation only.
2. Units may be fired by No. 2 fuel oil or natural gas only.
3. Minimum installed clearances to combustible construction shall be as follows:
Top – 18 inches; sides – 18 inches; end – 18 inches; flooring – acceptable for installation on non-combustible surfaces only.

4. If furnace is installed on combination with cooling system, then heating-cooling system must be MEA-accepted.
5. Provisions for combustion air and ventilation air shall be made in accordance with Section 27-807 of the New York City Building Code and other applicable New York City code requirements.
6. Approval shall be obtained from the Department of Environmental Protection, Bureau of Air Resources to show compliance with their rules and regulations for fuel oil burning equipment.
7. Approval of all electrical equipment apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
8. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
9. 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 November 8, 2007

Examined BY S. van DerKroon

