



## 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 506-04-E

**Manufacturer:** Raypak, Inc., 2151 Eastman Avenue, Oxnard California 93030.

**Trade Name(s):** Raypak.

**Product:** Gas fired hot water heaters.

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

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

**Laboratory:** CSA International.

**Test Report(s):** CSA 189406-1082796 dated November 16, 2004.

**Description:** Gas-fired, hot water heater assemblies, for operation on Natural gas, for use as instantaneous hot water supply unit or in conjunction with storage tank; equipped with 100% safety shutoff hot surface ignition system and on/off or 2 to 4-staged firing gas controls in supplemental sizes as listed in the table below.

Heaters comprise of horizontal two-pass design copper-finned tube heat exchanger assembly, fire box steel tube sheet, bronze headers, stainless steel tubular main burners powered by a combustion air blower with pre-purge and post purge operation, low Nox emissions, hot surface ignition module and flame sensor, adjustable temperature controller, manual reset safety high limit, air pressure switches, water flow switch, temperature and pressure gauge, ASME pressure relief valve rated at 125 PSI, and other pertinent controls.

Model Number	Minimum Input (BTUH)	Maximum Input (BTUH)
(W, WH, N, P)-122A	80,000	120,000
(W, WH, N, P)-162A	120,000	160,000
(W, WH, N, P)-202A	120,000	199,000
(W, WH, N, P)-242A	160,000	240,000
(W, WH, N, P)-322A	200,000	320,000
(W, WH, N, P)-302A	200,000	300,000
(W, WH, N, P)-402A	250,000	399,000
(W, WH, N, P)-502A	250,000	500,000
(W, WH, N, P)-652A	350,000	650,000
(W, WH, N, P)-752A	400,000	750,000
(W, WH, N, P)-902A	600,000	900,000
(W, WH, N, P)-992A	540,000	990,000
(W, WH, N, P)-1262A	450,000	1,260,000
(W, WH, N, P)-1532A	540,000	1,530,000
(W, WH, N, P)-1802A	540,000	1,800,000
(W, WH, N, P)-2002A	782,225	1,999,000
(W, WH, N, P)-2072A	810,000	2,070,000
(W, WH, N, P)-2342A	990,000	2,340,000

Notes:

1. Units may be equipped with vent termination for horizontal through-the wall installations
2. Units can be installed on combustible flooring. Minimum installed clearances to combustible construction shall be as follows:  
Top- 1"; Flue or Vent connector- 2"; Back- 1"; Left side- 1"; Right side- 1".

**Terms and Conditions:** The above described water heaters be accepted for commercial applications only when fired by natural gas only, under the following conditions:

1. Automatic ASME listed temperature and pressure relief valve, properly sized for heater and MEA accepted shall be furnished for heater installation.
2. Heaters shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
3. 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 for in Section 27-131 of the Building Code.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation.

Final Acceptance January 10, 2006

Examined By Seim Derkhdan