



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 577-06-E

Manufacturer: Rae Corporation, P.O. Box 1206, Pryor, OK 74362

Trade Name(s): RAE, TSI, Century

Product: Total packaged air-handling units

Pertinent Code Section(s): 27-770, 27-777, 27-800

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11 (UL 207, UL 1995)

Laboratory: ETL Semko

Test Report(s): No. 530158, dated August 30, 1993 and revised June 13, 2002

Description: Total packaged heating/cooling unit designed for rooftop, outdoor or indoor installation. The cooling section employs refrigerants R-22, 507, 134a or 404a. Fan section consists of a belt-driven plenum or housed fan. Cooling section consists of direct expansion cooling coil, or chilled water coil. Units may be provided with electric heating. Units' model numbers and cooling capacities are listed below:

Model No.	Nominal Cooling Capacities Range (Ton)
TPAH-8	5 – 25
TPAH-10	7 – 30
TPAH-11	7 – 30
TPAH-12	8 – 35
TPAH-15	10 – 40
TPAH-18	12 – 50
TPAH-22	15 – 60
TPAH-24	16 – 65
TPAH-28	20 – 80
TPAH-32	20 – 90
TPAH-38	25 – 110
TPAH-44	30 – 120

Terms and Conditions: The above-described packaged air-handling units are accepted under the following conditions:

1. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutters within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of gross duct area at all times.
2. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, as to maximum sound levels permitted for exterior mechanical equipment.
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 acceptable for use, as provided in Section 27-131 of the 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 March 22, 2007

Examined By Saim Daskalovic