



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 114-06-E

Manufacturer: Carrier Corporation, 7310 West Morris Street, Indianapolis, Indiana 46231

Trade Name(s): Carrier

Product: Single-packaged rooftop heat pumps

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

Prescribed Test(s): RS13-13 (UL559, UL1995)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File SA11583, Volume 7, Section 10, dated August 4, 2006

Description: Single-packaged, heat pump units designed for rooftop or outdoor installation. Unit employs refrigerant R-410A. Unit is comprised of compressor, air-cooled condenser, and evaporator coil with blower, expansion valve, pressure-limiting devices, accumulator, reversing valve and safety controls. Units, with heating and cooling capacities, are listed below:

Model Number	Nominal Cooling Capacity, Tons	Heat Pump Heating Range Capacity, BTUH
50DT-024***+***	2	11,600 – 20,800
50DT-030***+***	2.5	14,000 – 27,600
50DT-036***+***	3	17,200 – 33,600
50DT-042***+***	3.5	20,600 – 39,500
50DT-048***+***	4	25,000 – 45,500
50DT-060***+***	5	30,800 – 56,000

- Standard unit
- + Indicates voltage: 3= 208/230-1, 5=208/230-3, 6=460-3
- * Indicates options or digit not used

Terms and Conditions: The above-described rooftop heat pump units are accepted for outdoor installation only, under the following conditions:

1. Heating section must operate on natural gas and cooling section employs only Refrigerant R-410A.
2. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
3. 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.
4. 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.
5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
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 December 21, 2006

Examined By Simon Derflinger