



# 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 384-04-E Vol. 3

**Manufacturer:** Daikin Industries, Ltd., Umeda Center Bldg. 4-12 Nakazaki-Nishi, Osaka, JAPAN 530-8323

**Trade Name(s):** Daikin RA Inverter

**Product:** Split-system heat pumps

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

**Prescribed Test(s):** RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995)

**Laboratory:** Intertek Testing Services

**Test Report(s):** No. 3060500-001 dated July 15, 2004, revised December 20, 2006.

**Description:** Split-system heat pump units, comprising of outdoor condensing sections matched with indoor evaporator models, designed for both residential and commercial applications. R-410A is the refrigerant used for the system. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Outdoor section is comprised of hermetically sealed compressor, air-cooled condenser and fan and electric expansion valve. Indoor evaporator is provided with a direct-drive fan and fin and tube coil. Units operate on 208/230V, 60 Hz. Units, with model numbers, heating and cooling capacities, are listed below:

Product	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
RXS09DVJU / FTXS09DVJU	8,500	10,000
RXS12DVJU / FTXS12DVJU	11,500	11,500
RXS15DVJU / FTXS15DVJU	15,000	18,000

Product	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
RXS18DVJU / FTXS18DVJU	18,000	21,600
RXS24DVJU / FTXS24DVJU	22,000	24,000
2MXS18DVJU / CTXS09DVJU	15,000	18,000
RXS09DVJU / FDXS09DVJU	8,500	10,000
RXS12DVJU / FDXS12DVJU	11,500	11,500

**Terms and Conditions:** The above-described split-system heat pump units are accepted under the following conditions:

1. Units shall use Refrigerant R-410A only.
2. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without a damper, or (b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
3. Such equipment shall meet the requirements of Section 27-131, noise control of mechanical equipment, Subdivision 4, as to maximum sound levels permitted, when located within 100 feet of any dwelling unit window.
4. A tag must be permanently affixed to the equipment 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.
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.
7. 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 March 14, 2008

Examined By Shyam Prasad SD