

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

**Patricia J. Lancaster, F.A.I.A., Commissioner
MEA 102-04-E Vol. II**

Report of Material and Equipment Acceptance Division

**Manufacturer – Daikin Industries, Ltd., 1304 Kanaoka-Cho, Sakai, Osaka 591-8511
Japan, for Daikin U.S. Corp., 375 Park Avenue Suite 3308, New York, NY 10152.**

Trade Name(s) – Daikin VRV II.

Product – Heat pump and heat recovery systems.

Pertinent Code Section(s) – 27-770, 27-777.

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

Laboratory – Intertek, ETL Semko.

Test Report(s) – No. 3045794-001, issued November 11, 2003, revised June 25, 2004.

Description – The products make up a Variable Refrigerant Volume, Ductless Type, Heat Pump System. The VRV Heat Pump or the Heat Recovery Condensing Unit may be installed with up to 10 tons of evaporator coil. The 10 tons of evaporator may be made of any configuration of the evaporators. The accessories specified in this report may be used in conjunction with this system in any configuration. This system is approved for use with R-410A refrigerant and is intended for permanent connection to a field wiring supply. The Heat Pump Condensing Unit and the Heat Recovery Condensing Unit are approved for indoor/outdoor installation, and all other models are indoor use only.

Product Covered:

Heat Pump Condensing Unit, Model No. RXYQ96MTJU

Heat Recovery Condensing Unit, Model No. REYQ96MTJU

Cassette Type Evaporators, Models FXFQ12MVJU, FXFQ18MVJU, FXFQ24MVJU, FXFQ30MVJU, FXFQ36MVJU.

Concealed Type Middle Static Evaporators, Models FXSQ12MVJU, FXSQ18MVJU, FXSQ24MVJU, FXSQ30MVJU, FXSQ36MVJU, FXSQ48MVJU.

Concealed Type High Static Evaporators, Models FXMQ30MVJU, FXMQ36MVJU, FXMQ36MVJU, FXMQ36MVJU, FXMQ48MVJU.

High Wall Type Evaporators, Models FXAQ09MVJU, FXAQ12MVJU, FXAQ18MVJU, FXAQ24MVJU.

Floor Standing Type Evaporator, Models FXLQ09MVJU, FXLQ12MVJU, FXLQ18MVJU, FXLQ24MVJU.

Floor Standing Type Evaporator, Models FXNQ09MVJU, FXNQ12MVJU, FXNQ18MVJU, FXNQ24MVJU.

Recommendation - That the above described heat pump units, be accepted, when utilizing Refrigerant R-410A, under the following conditions:

- 1. 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.**
- 2. 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 for in Section 27-131 of the Building Code.**
- 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 electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.**

Final Acceptance 11/22/04

Examined By Sayan M. Perera