



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
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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 103-02-E Vol. 2

Manufacturer: Racan Carrier, 2025 Boul Dagenais Ouest,
Laval, Quebec H7L 5V1, CANADA

Trade Name(s): Racan Carrier

Product: Vertical-packaged cooling units
MEA Index 20 – Air Conditioning Equipment

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

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 645, UL1995)

Laboratory: Intertek, Cortland, N.Y.

Test Report(s): File 3143629CRT-002 dated April 22, 2008.

Description: Self-contained, water-cooled vertical packaged cooling units, **Series 50XJR**, are designed for variable air volume applications. Units are to be installed indoors. Units are completely factory-wired, piped and charged, and ready for installation. Units have vertical air discharge or horizontal with optional acoustical plenum and open or ducted rear air return. The units are comprised of direct expansion evaporator coils, compressors, water-cooled cleanable condensers, single-belt drive evaporator fans with variable frequency drive controlled motor and complete microprocessor control systems. An optional water economizer and hot water or steam heating may also be added. Units with model number and cooling capacities are listed on the following page.

Model No.	Mfr's. Specified Nominal Cooling Capacity, (Btu/hr)
50XJR09	10
50XJR20	20
50XJR30	30
50XJR40	40
50XJR50	50
50XJR60	60
50XJR70	70
50XJR80	80
50XJR90	90
50XJR100	100
50XJR110	110
50XJR120	120
50XJR130	130

Terms and Conditions: The above-described cooling units are accepted under the following conditions:

1. Units shall use only Refrigerant R-410A.
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 in Section 27-131 of the New York City Building Code.
3. 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. 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 July 10, 2008

Examined By Sean Derphuden