



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 349-07-E

Manufacturer: Motivair Corporation
25 John Glenn Drive
Amherst, N.Y. 14228

Trade Name(s): Motivair MLC-FC Chillers

Product: Air-cooled liquid chillers
MEA Index #20-90 – Liquid Chillers

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

Prescribed Test(s): RS 14-6 (UL 1995)

Laboratory: Intertek Testing Services

Test Report(s): ITS Report #3109854CRT-002 dated September 10, 2007.

Description: Packaged air-cooled liquid chillers, series **MLC-FC**, with free-cooling economizers, tanks, pumps and controls. Chillers are equipped with screw compressors, PLC controls and safety controls. Chillers are available for use with R-22, R-134a, R404a, R-407C and R-507 refrigerants. Units with model numbers and description are listed below:

Product Covered

Air-cooled liquid chillers: Models MLC-FC 200, 270, 340, 390, 510, 600, 660 and 820.

Standard for Safety Heating and Cooling Equipment: UL 1995 Third Edition; CAN/CSA-C22.2, No. 236-05 dated February 18, 2005.

Terms and Conditions: The above-described liquid chillers, used in conjunction with compatible heat rejection equipment such as a cooling tower, are accepted under the following conditions:

1. Units are for outdoor installation only.
2. Refrigerants used are R-22, R-134a, R-404a, R0407C and R-507.
3. Cooling tower or other compatible outdoor heat rejection equipment, if installed within 100 feet of any dwelling unit window, shall comply with all provisions of Section 27-770, Subdivision 4 of the New York City Building Code as to maximum sound levels permitted for exterior mechanical equipment.
4. Approval of all electrical equipment, 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.
6. 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 3-6-08

Examined By Shyam Prasad (SD)