



# 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 221-07-E

**Manufacturer:** McQuay International, P.O. Box 2510, Staunton, Virginia 24402-2510

**Trade Name(s):** McQuay

**Product:** Water-cooled liquid chillers

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

**Prescribed Test(s):** RS 13-11B (ANSI B9.1), RS 13-11 (UL 1995, UL 465)

**Laboratory:** Intertek Testing Services

**Test Report(s):** Intertek Report No. 3089920-001 issued January 26, 2006, revised June 14, 2007.

**Description:** Water-cooled liquid chillers, series WMC, are designed for indoor installation. R-134a is the refrigerant used for the system. Unit is comprised of hermetic sealed compressor, water cooled condenser, evaporator, expansion valve and controls. Units are provided with pressure-limiting device with setting at 180 psi, maximum. Units, with model numbers and cooling capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
WMC145S	145
WMC145D	145
WMC150D	150
WMC250D	250
WMC290D	290
WMC300D	300

**Terms and Conditions:** The above-described liquid chillers are accepted under the following conditions:

1. Units shall use only Refrigerant R-134a.
2. Units shall be installed indoors only.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
4. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
5. 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 New York City Building Code

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 October 12, 2007

Examined By Saim Deshpande