



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 76-08-E

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

Trade Name(s): McQuay

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

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

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11 (UL1995, UL465)

Laboratory: Intertek Testing Services

Test Report(s): Report No. 3142881CRT-001 dated January 30, 2008.

Description: Water-cooled liquid chillers, **Model WGZ series**, designed for indoor installation. R-410A is the refrigerant used for the system. Unit is comprised of hermetically sealed compressor, water-cooled condenser, evaporator, expansion valve and controls. Units are provided with pressure-limiting devices with settings at 450 psi, maximum. Units, with model numbers and cooling capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
WGZ030C	30
WGZ035C	35
WGZ040C	40
WGZ045C	45
WGZ050C	50
WGZ055C	55
WGZ060C	60

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
WGZ070C	70
WGZ080C	80
WGZ090C	90
WGZ100C	100
WGZ115C	115
WGZ130C	130
WGZ150C	150
WGZ170C	170
WGZ200C	200

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

1. Units shall use Refrigerant R-410A only.
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 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 May 1, 2008

Examined By Srin Derkhdan