



# 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 32-08-E

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

**Trade Name(s):** McQuay

**Product:** Air-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 (UL 1995).

**Laboratory:** Intertek Testing Services

**Test Report(s):** Report No. 3113581CRT-001 dated March 21, 2007.

**Description:** Air-cooled liquid chillers, **Model AGZ**, designed for outdoor installation. R-410A is the refrigerant used for the system. Unit is comprised of hermetically sealed compressor, air-cooled condenser with fan, evaporator, expansion valve and controls. Units are provided with pressure-limiting device with setting at 650 psi, maximum. Units, with model numbers and cooling capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
AGZ030C	30
AGZ035C	35
AGZ040C	40
AGZ045C	45
AGZ050C	50
AGZ055C	55
AGZ060C	60
AGZ065C	65

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)
AGZ070C	70
AGZ075C	75
AGZ080C	80
AGZ090C	90
AGZ100C	100
AGZ110C	110
AGZ125C	125
AGZ130C	130
AGZ140C	140
AGZ160C	160
AGZ180C	180
AGZ190C	190

**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 outdoors 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 April 30, 2008

Examined By Sims DerPhidam

