



NYC Department of Buildings  
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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 386-92-E Vol. 3

**Manufacturer:** ArctiChill, 200 Park Avenue, Newberry, SC 29108

**Trade Name(s):** ArctiChill

**Product:** Liquid chillers

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

**Prescribed Test(s):** RS 13-11 (UL 465)

**Laboratory:** Intertek ETL Semko

**Test Report(s):** No. 3049244-002 dated January 5, 2004.

**Description:** Single-packaged or split air-cooled or water-cooled liquid chillers designed for indoor/outdoor installation. R-22, R407C, R-134a, R-404 and R507 are the refrigerants used for the systems. Each unit is comprised of a compressor, air-cooled or water-cooled condenser, an evaporator, expansion valve, and safety controls. Chillers may be supplied with integral tank and pumps. Units are provided with a manual reset high-pressure, low-pressure safety control, low-ambient control, and dual gauge connections for high- and low-pressure readings.

#### Product Covered

Models are: D, M or P followed by suffixes ACV, ACH, ACR or WCC; and P or M; and H or V; and a four-number designator 0005 through 2000, and D, R, S, or T, and a one-number designator 1 through 9; followed by -13, -14.

Nominal Cooling: 1 – 60 Tons refrigerant per module.

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

1. Units shall use refrigerants R-22, R-407C, R-134a, R-404a and R-507 only.
2. Units shall be used in conjunction with a cooling tower or other compatible outdoor heat rejection equipment, if installed within 100 feet of any dwelling unit window, comply with all provisions of Section 27-770, noise control of mechanical equipment, and other pertinent MEA-acceptance requirements.
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 acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 8/16/07

Examined By James R. W.