



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 362-06-E

Manufacturer: Finetec Century Corporation
1 Dongsanri
Tanjung-Myun, Asansi
Chungnam, 336-842 Republic of KOREA

Trade Name(s): Finetec Century or Century

Product: Absorption Chillers
MEA Index #20-80 – Air Conditioning Equipment

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

Prescribed Test(s): RS 13-6 (ANSI B9.1), RS 13-11B (UL 1995)
Per UL Project No. UL03CA03210

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File SA13494 issued June 20, 2002 and revised
May 29, 2003 and August 12, 2005.

Description: Air-conditioning liquid chillers, hot water driven absorption type chillers using distilled water as refrigerant and lithium bromide as the absorbent. Hot water is used as the heating medium. All refrigerant vessels used in this equipment operate under vacuum condition.

Product Covered:

AR-D followed by **30, 40, 50, 60, 70, 85, 100, 115, 130, 170, 190, 210, 240, 270, 300, 350, 400, 450, 500, 550, 600** or **650**, followed by **L2** or **M2**.

Model Number Nomenclature

$\frac{AR}{1} - \frac{D}{2} \frac{150}{3} \frac{L}{4} \frac{2}{5}$

The following tabulations are:

- 1 - Basic model series type
AR: Absorption

- 2 - Heating medium
D: Hot water

- 3 - Capacity Code
 - 30: 30 usRT
 - 40: 40 usRT
 - 50: 50 usRT
 - 60: 60 usRT
 - 70: 70 usRT
 - 85: 85 usRT
 - 100: 100 usRT
 - 115: 115 usRT
 - 130: 130 usRT
 - 150: 150 usRT
 - 170: 170 usRT
 - 190: 190 usRT
 - 210: 210 usRT
 - 240: 240 usRT
 - 270: 270 usRT
 - 300: 300 usRT
 - 350: 350 usRT
 - 400: 400 usRT
 - 450: 450 usRT
 - 500: 500 usRT
 - 550: 550 usRT
 - 600: 600 usRT
 - 650: 650 usRT

- 4 - Inlet / Outlet hot water temperature
 - L: 95°C at inlet / 80°C at outlet
 - M: 130°C at inlet / 90°C at outlet

- 5 - Version
 - 2: All models for How water-driven

Terms and Conditions: The above-described absorption chiller and heater units in conjunction with compatible heat rejection equipment, such as a cooling tower (not part of this application) using lithium bromide, are accepted under the following conditions:

1. Cooling tower or other compatible outdoor heat rejection equipment, if installed within 100 feet of any dwelling unit window, complies 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.
2. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
3. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
4. 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 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 29, 2008

Examined By Simon Derkinderen

