

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 31-00-E (Correction)
Report of Material and Equipment Acceptance Division**

Note: This publication reflects change to the Refrigerant type from R-22 to R-134a.

Manufacturer– Tecogen Inc., 45 First Avenue, P.O. Box 54906, Waltham, MA 02454.

Trade Name(s) – Tecochill.

Product – Gas engine driven water chillers.

Pertinent Code Section(s) - 27-770, 27-777, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) -RS 13-6 (ANSI B9.1), RS 13-11 (UL1995), RS 14-6 (ANSI Z21.47).

Laboratory – ETL Testing Laboratories, Inc.

Test Report(s) – No. 492186, dated October 16, 1989, revised January 6, 2000.

Description – Packaged water chiller, designed for indoor installation as listed below. R-134a is the refrigerant used for the system. Unit consists of a screw compressor, water-cooled counterflow condenser, tube type cooler and expansion valve. Controls include high and low pressure switches and ASME fusible plug pressure relief. Units, with model numbers, cooling capacity is listed below:

| Model No. | Mfr.'s Specified Nominal Cooling Capacity BTUH |
|-----------|--|
| CH300X | 2,157,000 |
| CH350X | 2,529,000 |
| CH400X | 3,052,000 |

Recommendation - That the above described water cooled chillers, for use in conjunction with compatible heat rejection equipment such as a cooling tower or outdoor air cooled condenser, be accepted for indoor installation only, using refrigerant R-134a, under the following conditions:

1. Cooling tower or other compatible indoor heat rejection requirement, if installed within 100 feet of any dwelling unit window, complies with all provisions of Section 27-770, noise control of mechanical equipment, and other pertinent MEA acceptance requirements.
2. A metal tag must be permanently affixed to the equipment stating that if installed in New York City, outdoor equipment within 100 feet of any dwelling unit window and indoor equipment including air handler shall be in compliance with all provisions of Section 27-770, noise control of mechanical equipment.
3. 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 Building Code.
4. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 2/25/2000
Examined By Suzanne J. [Signature]