



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 418-07-E

Manufacturer: Multistack
1065 Maple Avenue
Sparta, WI 54656

Trade Name(s): Multistack

Product: Modular liquid chiller assemblies

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): ITS Report No. 3116735CRT-004, last revised December 2007.

Description: Modular chiller assemblies are intended to be connected in series/parallel with other modules to form one chiller. Each module is comprised of one or two reciprocating or scroll type compressor(s) with related refrigerant control components. The refrigeration circuit consists of a manual reset pressure control. A motor-driven pump circulates water through the evaporator, while flow switches and temperature controls monitor the circulation and temperature of the water. One or more modules may be connected in series in order to form one chiller. Power can be brought to each module separately, or to the chiller as a complete assembly when using the bussbar provided from the chiller manufacturer.

Product Covered

Model Nos: MS20X, MS30X, MS50X or MS70X followed by 1, 2,3, 4, 5, or 6, followed by A, L, H, C or V, followed by 1 or 2, followed by W, followed by an optional V. Rated 20, 30, 50 or 70 tons manufacturer's purified cooling capacity, respectively.

Terms and Conditions: The above-described modular liquid chiller assemblies are accepted under the following conditions:

1. Units shall use only Refrigerant R-410A.
2. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
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 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 March 25, 2008

Examined By Siun Derkudam