



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 350-06-E

Manufacturer: Thermax Ltd., D-13 MIDC Industrial Area Chinchwad, Pune, INDIA MS 411 019

Trade Name(s): Thermax Ltd

Product: Absorption-type cooling-heating units with or without side arm heat exchanger

Pertinent Code Section(s): 27-777, 27-800, 27-824

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 14-6 (ANSI Z21.40, UL 726)

Laboratory: Intertek, Etl Semko

Test Report(s): 05016911 dated December 15, 2005

Description: These are absorption-type chiller-heater for outdoor and/or indoor installation for chilling and/or heating water used for commercial or industrial air handling equipment. Water is used as the refrigeration medium and lithium bromide is the absorbent medium. All refrigerant vessels used in this equipment normally operate under vacuum-pressure conditions.

Product Covered:

Model No.	Nominal Cooling Capacity (Tons)	Nominal Heating Capacity (MBH)
GD20ACX/OD20ACX/CE/S	111	978.6
GD20BCX/OD20BCX/CE/S	130	1131.6
GD20CCX/OD20CCX/CE/S	162	1437.3
GD20DCX/OD20DCX/CE/S	192	1681.9
GD30ACX/OD30ACX/CE/S	241	2107.7
GD30BCX/OD30BCX/CE/S	272	2371.2
GD30CCX/OD30CCX/CE/S	321	2799.3

Model No.	Nominal Cooling Capacity (Tons)	Nominal Heating Capacity (MBH)
GD40ACX/OD40ACX/CE/S	360	3161.6
GD40BCX/OD40BCX/CE/S	408	3556.8
GD40CCX/OD40CCX/CE/S	452	3952
GD50ACX/OD50ACX/CE/S	505	4413
GD50BCX/OD50BCX/CE/S	560	4907
GD60ACX/OD60ACX/CE/S	636	5532.8
GD60BCX/OD60BCX/CE/S	709	6158.5
GD60CCX/OD60CCX/CE/S	802	7014.7
GD60DCX/OD60DCX/CE/S	890	7772.2
GD70ACX/OD70ACX/CE/S	993	8628.5
GD70BCX/OD70BCX/CE/S	1107	9616.5

Terms and Conditions: The above absorption-type cooling-heating units with or without side arm heat exchanger are accepted for indoor and/or outdoor installation, when heating section operates on natural gas and cooling section employs water used as the refrigeration medium and lithium bromide used as the absorption medium, under the following conditions:

1. Installation shall be in accordance with Reference Standard RS 13-11B (ANSI B9.1).
2. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
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

3/12/07

Examined By

Shyam. Jones