

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.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 358-03-E

Report of Material and Equipment Acceptance Division

Manufacturer - *LENOX INDUSTRIES INC. 512 W LENOX ROAD*

Trade Name(s) - *LENOX. STUTTGARD ARK 72160.*

Product - Gas heat/electric cooling units.

Pertinent Code Section(s) -27-770, 27-777, 27-800, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) - RS 13-6 (ANSI B9.1), RS 13-11 (UL 465), RS 14-6 (ANSI Z21.47).

Laboratory – CSA International.

Test Report(s) – 1035008 dated August 1, 2003.

Description - Heating/cooling units, LGE/LCE Series, for outdoor installation only.

Heating section operates on natural gas, steam, hot water or electricity. Gas heating section is comprised of a steel main burner assembly, aluminized or stainless steel burner tubes and an intermittent ignition system comprised of ignitor, sensor and electronic control. Cooling system is comprised of hermetically sealed compressor(s), air cooled condenser with fan, fin and tube type evaporator with thermal expansion valve. The system utilizes R-22 refrigerant. Steam or hot water heat is obtained by replacing the gas heating section with appropriate coil. Electric heat is provided by replacing the gas heating section with fused electric heat strips and controls. Units, with model number and heating and cooling capacities, are listed below.

Model No.	Nominal Cooling Capacity Tons	Nominal Heating Capacity MBTUH
LGE/LCE036	3	35,000
LGE/LCE060	5	60,000
LGE/LCE120	10	120,000
LGE/LCE240	20	240,000

Note: Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.

Recommendation - That the above described heating-cooling units be accepted for outdoor installation only, when heating section operates on natural gas and cooling section employs refrigerant R-22, under the following conditions:

1. 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.
2. If furnace is installed in combination with cooling system, then heating/cooling system shall be MEA accepted.
3. This acceptance does not include any vent damper device which may be added to the installation.
4. Provision for combustion air and ventilation air shall be made in accordance with Section 27-807 and other applicable Code requirements.
5. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance \_\_\_\_\_

12/26/03

Examined By \_\_\_\_\_

Shannon Brown