

**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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 11-05-E
Report of Material and Equipment Acceptance Division**

Manufacturer – Lennox Industries Inc., 512 West Lenox Road, Stuttgart, AK 72160.

Trade Name – Lennox.

Product – Self-contained heat pumps.

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

Prescribed Test(s) - RS 13-6 (ANSI B9.1), RS 13-13 (UL 559).

Laboratories – CSA International & ETL.

Test Report(s) – CSA No. FBR113270-19; ETL No. 545410 dated

Description – Packaged, self contained heat pump units designed for outdoor installation. R-22 is the refrigerant used for the system. Units consist of compressor, air cooled condensing coil and fan, evaporator coil and blower, capillary tubing, heating-cooling reversing valve, pressure limiting device and pertinent safety controls. Optional electric resistance heaters may be provided in sizes from 26.3 kw to 44 kw. Units, with model numbers, cooling and heating capacities are listed below in the table:

Model No.	Mfr.'s Specified Nominal Cooling Capacity Tons	Mfr.'s Specified Nominal Heating Capacity BTUH
THA-090	7.5	90,000
THA-102	8.5	102,000
THA-120	10.0	120,000
THA-150	12.5	150,000

Recommendation - That the above described packaged heat pump units, be accepted for outdoor installation only, when utilizing 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. All shipments and deliveries of such equipment shall be accompanied by a certificate or label 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.
3. Such equipment shall meet the requirements of Section 27-770, noise control of mechanical equipment, subdivision 4, as to maximum sound levels permitted, when located within 100 feet of any dwelling unit window.
4. A tag must be permanently affixed to the equipment stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, noise control of mechanical equipment.
5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 3/30/05
Examined by Stygen. J. J. J.