

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 159-03-E Vol. II
Report of Material and Equipment Acceptance Division

Manufacturer - Unitary Products, Group, York International, 5000 York Drive, Norman, OK 73069.

Trade Name(s) - Luxaire, Coleman, Frazer-Johnston.

Product - Split system heat pump units.

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

Prescribed Test(s) - RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995).

Laboratory - Underwriters Laboratories Inc.

Test Report(s) - UL File SA11707, dated April 7, 2002.

Description - Split system heat pump units, comprising outdoor condensing section, matched with indoor evaporator models, designed for commercial applications. R-22 is the refrigerant used for the system. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Outdoor section consists of hermetically sealed compressor, air cooled condenser and fan and thermal expansion valve. Indoor evaporator is provided with direct drive fan and fin and tube coil. Units, with model numbers, heating and cooling capacities, are listed below:

| Outdoor Condensing Unit | Indoor Evaporator Unit | Mfr.s Specified Nominal Cooling Capacity BTUH |
|-------------------------|------------------------|---|
| EF(-07) | EA(090) | 90,000 |
| EF(-10) | EA(120) | 120,000 |

Recommendation - That the above described split system heat pump units, be accepted, when utilizing refrigerant R-22, under the following conditions:

1. If utilize for residence heating, the circulatory air system shall have (a) one register or grille 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 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 for in section 27-131 of the Building Code.
3. Such equipment shall meet the requirements of Section 27-131, 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, as to maximum sound levels permitted for exterior 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 8/26/03
Examined by Saya M. Ibrahim