

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, F.A.I.A., Commissioner

MEA 16-04-E  
Report of Material and Equipment Acceptance Division

Manufacturer – Carrier Corporation, 7310 West Morris Street, Indianapolis, Indiana 46231.

Trade Name – Carrier.

Product – Heat pump condensing sections.

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

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

Laboratory – Underwriters Laboratories Inc.

Test Report(s) – UL File SA11583, dated January 16, 2003.

Description – Heat pump condensing sections, Model 38BYC, designed for outdoor installation. R-22 is the refrigerant used for the system. Unit consists of hermetic sealed compressor, air cooled condenser with fan, electrically operated reversing valve and safety controls. Units are provided with manually operated high pressure limiting device set at 426 psi, maximum. Units, with model numbers and nominal heating and cooling capacity ranges, are listed below:

Model No.	Mfr.'s Specified Cooling Capacity Range BTUH	Mfr.'s Specified Heating Capacity Range BTUH
38BYC018	18,000	10,600 – 17,900
38BYC024	24,000	13,300 – 23,600
38BYC030	30,000	17,400 – 29,400
38BYC036	36,000	21,600 – 35,800
38BYC042	42,000	26,200 – 42,500
38BYC048	48,000	31,000 – 48,000
38BYC060	60,000	38,500 – 60,000

Recommendation - That the above described packaged heat pump condensing units, be accepted for outdoor installation, 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 equipment shall be furnished with a permanently affixed metal tag 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, Subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.
3. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance April/19/04

Examined By S Dorkhutan