

**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 329-02-E  
Report of Material and Equipment Acceptance Division**

**Manufacturer - Carrier Air Conditioning Corp., Carrier Parkway, Syracuse, NY 13221.**

**Trade Name(s) - Carrier.**

**Product -Single package rooftop electric cooling and gas heat.**

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

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

**Laboratory – Underwriters Laboratories Inc.**

**Test Report(s) – UL file SA6994 dated April 16, 1991 and July 8, 2002.**

**Description - Single packaged, heating/cooling unit designed for rooftop or outdoor installation. Heating section operates on natural gas, and cooling section employs refrigerant R-22. Heating portion consists of heat exchanger, main burners, direct spark ignition system, direct driven centrifugal fan, combination fan and temperature limiting devices and pertinent safety controls. Cooling section comprises hermetically sealed compressors, air cooled condenser, evaporator coil with blower, expansion valve, pressure limiting device and safety controls. Units, with heating and cooling capacities are listed below:**

<b>Model Number</b>	<b>Mfr.'s Specified Nominal Cooling Capacity Tons</b>	<b>Mfr.'s Specified Nominal Heating Input MBTUH</b>
48GX024040	2	40,000
50TM/48TM(D,E,F)004	3	60,000 - 90,000
50TM/48TM(D,E,F)005	4	60,000 – 120,000
50TM/48TM(D,E,F)006	5	60,000 – 120,000
50TM/48TM(D,E,F)008	7 ½	120,000 - 180,000
50TM/48TM(D,E,F)009	8 ½	120,000 – 180,000
50TM/48TM(D,E,F)012	10	120,000 – 200,000

**Note: Model suffix and prefix designations are as follows: 48 - cooling unit with natural gas heat, 50 – cooling with electric heat.**

Recommendation - That the above described heating/cooling unit 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 the residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.
3. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance JAN/31/03

Examined By S. Derk Hudson