

**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.

Satish K. Babbar, R.A., Acting Commissioner  
MEA 378-00-E

Report of Material and Equipment Acceptance Division

Manufacturer - Carrier Corporation, Carrier Parkway, P.O. Box 4808, Syracuse, New York 13221.

Trade Name(s) - Carrier.

Product - Combination heating-cooling units.

Pertinent Code Section(s) - 27-770, 27-777, 27-800.

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

Laboratory - Underwriters Laboratories Inc.

Test Report(s) - UL file SA6994, dated March 30, 1981, July 8, 1982, September 14, 2000 and October 5, 2000.

Description - Packaged, heating-cooling units, series 48TF, designed for commercial rooftop installation only. Heating system operates on natural and cooling section utilizes refrigerant R-22. Heating section comprises main burner assembly and spark ignition system comprising electrode, igniter, gas pressure regulator, flame sensor, shut off valve and temperature limit control. Cooling section comprises compressors, air cooled condenser with fan, fin and tube type evaporator, capillary tubing and controls. Units are provided with pressure limiting device with setting at 425 psi, maximum. Units, with model number and heating and cooling capacities, are listed below:

Model No.	Mfr.'s. Specified Nominal Cooling Capacity TONS	Mfr.'s. Specified Input Heating Capacity Range BTUH
48TF*004	3	60,000 - 115,000
48TF*005	4	60,000 - 150,000
48TF*006	5	60,000 - 150,000
48TF*007	6	72,000 - 150,000
48TF*008	7 1/2	120,000 - 224,000
48TF*009	8 1/2	120,000 - 224,000
48TF*012	10	120,000 - 250,000
48TF*014	12 1/2	180,000 - 250,000

Note: \* - may be letters D, E, F, L, M, or N to denote heating capacities.

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 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, as to maximum sound levels permitted for exterior mechanical equipment.
3. 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance DEC 29 2000

Examined By S. Derksham