



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 265-05-E

Manufacturer:

Carrier Corp. 1700 E. Duncan Street Tyler Texas 75702.

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, 1995), RS 14-6 (ANSI Z21.47).

Laboratory:

Underwriters Laboratories Inc.

Test Report(s):

UL file SA 6994 Vol. II sections 62 , 63 and 65 Vol. 24 sections 5, 6, 8.

Description: Single packaged, heating/cooling unit, (48,50) PG, designed for rooftop or outdoor installation. Heating section operates on natural gas, and cooling section employs refrigerant R410a. Heating portion consists of heat exchanger, inshot main burners, direct spark ignition system, belt driven centrifugal fan, combination fan and temperature limiting devices and pertinent safety controls. Cooling section comprises hermetically sealed scroll compressors, air cooled condenser, evaporator coil with blower, TXV expansion valve, pressure limiting device and safety controls and integrated digital communication controls. Units, with heating and cooling capacities are listed below:

Combination Electric Cooling, Gas Heating Models

Nominal Cooling, tons	Model No. (Aluminized Steel)	Model No. (Stainless Steel)	Gas Heating Input, Btu/hr
2.0	48PGF*03	48PGN*03	56,000
3.0	48PGD*04	48PGL*04	56,000
	48PGE*04	48PGM*04	75,000
	48PGF*04	48PGN*04	113,000
4.0	48PGD*05	48PGL*05	56,000
	48PGE*05	48PGM*05	75,000
	48PGF*05	48PGN*05	113,000
5.0	48PGD*06	48PGL*06	75,000
	48PGE*06	48PGM*06	113,000
	48PGF*06	48PGN*06	151,000
6.0	48PGD*07	48PGL*07	75,000
	48PGE*07	48PGM*07	113,000
	48PGF*07	48PGN*07	151,000
7.5	48PGD*08	48PGL*08	136,000
	48PGE*08	48PGM*08	181,000
	48PGF*08	48PGN*08	226,000
8.5	48PGD*09	48PGL*09	136,000
	48PGE*09	48PGM*09	181,000
	48PGF*09	48PGN*09	226,000
10.0	48PGD*12	48PGL*12	181,000
	48PGE*12	48PGM*12	226,000
	48PGF*12	48PGN*12	249,000
12.5	48PGD*14	48PGL*14	181,000
	48PGE*14	48PGM*14	226,000
	48PGF*14	48PGN*14	249,000
15.0	48PGD*16	48PGL*16	220,000
	48PGE*16	48PGM*16	310,000
	48PGF*16	48PGN*16	400,000
18.0	48PGD*20	48PGL*20	250,000
	48PGE*20	48PGM*20	365,000
	48PGF*20	48PGN*20	400,000
20.0	48PGD*24	48PGL*24	250,000
	48PGE*24	48PGM*24	365,000
	48PGF*24	48PGN*24	400,000
25.0	48PGD*28	48PGL*28	250,000
	48PGE*28	48PGM*28	365,000
	48PGF*28	48PGN*28	400,000

Note: Model prefix designations may be as follows: 48 – cooling unit with natural gas heat, 50 – cooling with electric heat.

Terms and Conditions: The above described heating/cooling units are accepted for outdoor installation only, when heating section operates on natural gas, and cooling section employs refrigerant R-410a, 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 a 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 Buildings Department before installation.

Final Acceptance December 2, 2005

Examined By Suur Derflidam