

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 117-03-E Vol. II
Report Materials and Equipment Acceptance Division

Manufacturer – Unitary Products Group, York International Corporation, 5005 York Drive, Norman, OK 73069.

Product- Combination gas heating/electric-cooling units.

Trade Name- Luxaire, Fraser-Johnston, Coleman-Evcon.

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

Prescribed Tests- RS 13-11 (UL 1995) RS 13-6(ANSI B9.1), RS 14-6 (ANSI Z21.47).

Laboratory- CSA International.

Test Report(s) –1053235, dated December 10, 2003.

Description – Packaged self-contained heating/cooling units, designed for outdoor installation. Heating section operates on natural gas and cooling section employs refrigerant R-22. Heating portion consists of heat exchanger, main burner, intermittent ignition system comprising hot surface or pilot burner, igniter, flame sensor and combination gas pressure regulator, a direct drive blower, combination fan and temperature limiting devices and pertinent safety controls. Cooling section comprises hermetically sealed compressor, air cooled condenser with fan, evaporator coil with blower, expansion valve, pressure limiting device and safety controls. Unit with model number and heating and cooling capacity listed below:

Model No.	Input Btu/hr.
DS-06(C,E,N,S)	120,000/108,000
DS-08(C,E,N,S)	180,000/162,000
DS-10(C,E,N,S)	240,000/216,000

- Notes: 1. Minimum installed clearances to combustible construction shall be in accordance with RS 14-15 of the Building Code.
2. N – Natural gas heat aluminized steel; S – Gas heat – stainless steel (100K-240K); C – No heat; E – electric heat (9-54 kW).

Recommendation - That the above described heating/cooling units be accepted for out door 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, circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall 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 provision of Section 27-777, as to maximum sound levels permitted for exterior mechanical equipment.
3. All shipments and deliveries of such equipment shall be provided with a laboratory label and 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.
4. Approval of all electrical equipment, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 1/26/04

Examined by [Signature]