

**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, F.A.I.A., Commissioner

**MEA 17-05-E
MEA Report of Material and Equipment Acceptance Division**

Manufacturer- Suburban Manufacturing Company Inc. 676 Broadway
Dayton, Tennessee 37321.

Trade Name-Dynaline.

Product- Combination direct vent gas fired wall furnace and electric air conditioning.

Pertinent Code Section(s)- 27-800, 27-825, 27-886, RS 14-2 (ANSI Z223.1).

Prescribed Test(s)- RS 14-6 (ANSI Z21.86), RS 13-12 (UL 484).

Laboratory- UL file SA10773 dated July 19,2002.

Test Report-

Description- Combination direct vent gas fired wall furnace and electric air conditioning unit, model DL3, designed for indoor installation. Heating section operates on natural gas and cooling section utilizes refrigerant R-22. Heating section comprises a direct drive combustion air blower assembly, a direct drive circulating air blower assembly, aluminized steel main burners, an interrupted ignition system consisting of ignition module, igniter and flame sensor and combination gas pressure regulator. Units are provided with a temperature limit control with setting at 220 degrees F, maximum. Cooling section comprises compressor, condenser, capillary tubing and evaporator coil with fan. Units with model number and input heating ratings are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity BTUH	Mfr.'s Specified Nominal Heating Capacity BTUH
DL3-0912	9,000	12,000
DL3-1220	12,000	20,000
DL3-1622	16,000	22,000

Recommendation- That the above described combination direct vent gas fired wall furnace and electric air conditioning units be accepted for through-the-wall installation only, for operation on natural gas only, under the following conditions:

1. Furnace shall be installed by a licensed plumber only, who shall insure that the installation is provided with required unobstructed vent opening and that all Gas Company requirements for this type of installation are strictly enforced.
2. If steel flue tube passes through a combustible wall it must pass through a double metal thimble two inches larger than the flue.
3. Unit shall not be installed behind doors, in an alcove or at locations where curtains or drapes can come into contact with them.
4. Gas pressure regulator shall be installed and gas inlet pressure shall be adjusted by the installer to give inlet pressure at the burner orifice recommended by the manufacturer.
5. Furnace shall not be operated until installation is approved for such operation by the Gas Appliance Approval Committee of the New York City Department of Health.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.
7. All shipments and deliveries of such equipment shall have a metal tag permanently affixed to the units and suitably placed, certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use, as provided for in sub-article 27-131 of the Building Code.

Final Acceptance Feb/25/05

Examined By S Derbhadan