



# 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 17-05-E Vol. 2

**Manufacturer:** Suburban Manufacturing Company, Inc.  
676 Broadway Street, Dayton, TN 37321

**Trade Name(s):** 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 223.1)

**Prescribed Test(s):** RS 14-6 (ANSI Z21.86), RS 13-12 (UL484)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL file SA10773, dated July 19, 2002

**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
DL3-0712	7,000	12,000
DL3-0912	9,000	12,000
DL3-1220	12,000	20,000
DL3-1622	16,000	22,000

**Terms and Conditions:** The above-described combination direct-vent, gas-fired wall furnace and electric air conditioning units are accepted for through-the-wall installation only, with the following conditions:

1. Units shall be fired by natural gas only with the fire rated as indicated, and utilize Refrigerant R-22 only.
2. 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 the Gas Company's requirements for this type of installation are strictly enforced.
3. If steel flue tube passes through a combustible wall, it must pass through a double metal thimble – two inches larger than the flue.
4. Units shall not be installed behind doors in an alcove or at locations where curtains or drapes can come into contact with them.
5. 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.
6. 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 and Mental Hygiene.
7. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
8. 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 is equivalent to that tested and acceptable for us, as provided for in sub-article 27-131 of the New York City Building Code.
9. Units shall be installed in accordance with the Energy Conservation Construction Code of New York State.

**NOTE:** In accordance with section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance November 29, 2006

Examined By S. J. DeBenedetto