



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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## Report of Materials and Equipment Acceptance Division

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 2-08-E

**Manufacturer:** Camus Hydronics Limited., 6226 Netherhart Road, Mississauga, Ontario L5T 1B7, CANADA

**Trade Name(s):** DynaMax

**Product:** Gas-fired hot water boiler assemblies

**Pertinent Code Section(s):** 27-800, 27-824, 27-826, RS 14-2 (ANSI Z223.1)

**Prescribed Test(s):** RS 14-6 (ANSI Z21.10, ANSI Z21.13)

**Laboratory:** CSA International

**Test Report(s):** CSA Report 1848165, dated December 19, 2007.

**Description:** Fan assist, gas-fired, stainless steel, low-pressure hot water boilers designed for hydronic heating, domestic hot water or in combination applications suitable for indoor or outdoor installation. The DynaMax Wall Hung appliance shall be vented as a Category IV appliance using sealed-positive vent material suitable for condensing appliance such as CPVC-listed under ULC S636. The DynaMax Floor Mount appliance shall be vented as a Category II appliance using sealed-positive vent material suitable for condensing appliance such as CPVC-listed under ULC S636. Appliances consist of an integrally circular stainless steel tube heat exchanger assembly which completely surrounds the burner and thus forming the combustion chamber, a single main burner assembly consisting of a cylindrical burner tube bolted to a fan which pre-mixes air and gas before it enters the burner, proved electronic spark ignition means comprising igniter, flame sensor, ignition module and one to one air/gas ratio controller with proof of closure switch. Appliances are provided with a manual reset outlet temperature limiting device and a pressure relief valve. Appliances for outdoor installation are fitted with an outdoor kit, which includes vent cap and stack. Units, with model numbers and input heating ratings, are listed on following page.

Hydronic Heating	Domestic Hot Water	Combination	Input Range (MBTUH)
DMN(H)0081	DMN(W)0082	DMN(C)0083	16 - 80
DMN(H)0101	DMN(W)0102	DMN(C)0103	20 - 100
DMN(H)0151	DMN(W)0152	DMN(C)0153	30 - 150
DMN(H)0201	DMN(W)0202	DMN(C)0203	40 - 200
DMN(H)0211	DMN(W)0212	DMN(C)0213	40 - 200
DMN(H)0251	DMN(W)0252	DMN(C)0253	50 - 250
DMN(H)0261	DMN(W)0262	DMN(C)0263	50 - 250
DMN(H)0291	DMN(W)0292	DMN(C)0293	60 - 299
DMN(H)0391	DMN(W)0392	DMN(C)0393	80 - 399
DMN(H)0501	DMN(W)0502	DMN(C)0503	100 - 500
DMN(H)0601	DMN(W)0602	DMN(C)0603	120 - 600
DMN(H)0751	DMN(W)0752	DMN(C)0753	150 - 750

**NOTES:**

- Appliance shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be as follows:

Clearances from Combustibles	
Top	1"
Back, Sides	0"
Front	0"
Flue	4"

- Venting Specifications:
  - Outdoor Installation: The DynaMax is self venting.
  - Indoor Installation: -
    - Standard Venting - The DynaMax Wall Hung models 0081, 0101, 0151, 0201, 0251, 0082, 0102, 0152, 0202, 0252, 0083, 0103, 0153, 0203 and 0253, are category IV appliances and can be vented into a common standard chimney. The DynaMax Floor models 0211, 0261, 0291, 0391, 0501, 0601, 0751, 0212, 0262, 0292, 0392, 0502, 0602, 0752, 0213, 0263, 0293, 0393, 0503, 0603, and 0753 are category II appliances.
    - Sidewall Venting –The DynaMax can vent up to 100 equivalent feet. The DynaMax can draw outdoor air over an equivalent length of 100 feet.

Model	Recommended Vent Dia. (in.)	Air inlet Dia (in.)
0081-0261	3	3
0291-0503	4	4
0601-0753	5	5

**Terms and Conditions:** The above gas-fired, direct-vent hot water boiler assemblies are accepted with the following conditions:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances to combustibles construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 7) 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 that tested and acceptable for use, as provided in Section 27-131 of New York City Building Code.
- 8) Units shall be used in compliance 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 January 31, 2008

Examined By Seun Derflida