



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 182-06-E

Manufacturer: Laars Heating Systems Company, a subsidiary of Bradford White Corporation, 20 Industrial Way, Rochester New Hampshire 03867

Trade Name(s): Pennant, NATCO Fire Coil

Product: Direct Vent Hot Water Boilers and Circulating Tank Water Heaters.

Pertinent Code Section(s): 27-800, 27-824, 27-886, RS 14-2 (ANSI Z223.1).

Prescribed Test(s): RS 14-6 (ANSI Z21.13), (ANSI Z21.10.3)

Laboratory: CSA-International

Test Report(s): CSA File 1737000 dated November 29, 2005

Description: Gas-Fired_Hot Water Boiler or Circulating Tank Water Heater assembly designed for indoor or outdoor installation. Assemblies consist of a forced draft blower, stainless steel burners, copper finned tube heat exchanger assembly; hot surface electronic ignition system and combination safety/gas pressure regulating control valves. Appliances are designed as Category I or III and may be installed with an optional Direct Vent system. Venting may be installed either horizontally through a sidewall or vertically through a roof. Appliances are provided with a combustion air filtration system on the inlet that may be ducted to a fresh air source. Appliances are provided with a single input or with a staging control to reduce input at lower loads. Hot water controls include a water temperature-limiting device with maximum settings of 210 °F or 240 °F and an ASME rated pressure relief valve. Units with model numbers and input heating rating are listed below.

Model No.	Input Heating Rating (BTU/Hr.)
PNCH0200N, PNCV0200N	200,000
PNCH0300N, PNCV0300N	300,000
PNCH0400N, PNCV0400N	399,900

Notes: Models PNCH are Hot Water Heating Boilers. Models PNCV are Circulating Tank Water Heaters.

CLEARANCE/INSTALLATION

For installation on combustible floors	Indoor	Outdoor
Left Side	1 Inch	36 Inches
Right Side	12 Inches	36 Inches
Rear	1 Inch	12 Inches
Front	Alcove	24 Inches
Top	1 Inch	Unobstructed
Vent	3 Inches	----

Direct Vent (Sealed Combustion) or Common Installation

Maximum: 65 equivalent feet for inlet
65 equivalent feet for outlet

Subtract 5 feet of vent pipe for every 90° elbow installed. (3 max. vent elbows for each vent line).

Terms and Conditions: That the above described gas-fired hot water boilers constructed in accordance with the ASME Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only, when connected to compatible approved gas vent in accordance with article 15 of Building Code and Section 27-886. This acceptance in no way includes the external piping, connections, and appurtenances thereto, which are required to fully conform to applicable provisions of law, but have not been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation

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.

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.

Final Acceptance May 9, 2006
Examined By Simon Derkshidan