

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 Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 136-03-E

Report of Material and Equipment Acceptance Division

Manufacturer - Waterpik Technologies, Inc., Laars Htg. Systems, 20 Industrial Way,  
Rochester, NH 03867.

Trade Name(s) - Pennant.

Product - Direct vent, hot water boilers.

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).

Laboratory - CSA International.

Test Reports - CSA File 1379006 dated April 15, 2003.

Description - Gas fired hot water boiler assembly designed for indoor or outdoor installation. Boiler consists of a forced draft blower(s), s/s burners and copper finned tube heat exchanger assembly. Boilers are provided with a hot surface electronic ignition system(s) and combination safety/gas pressure regulator(s). Boilers are designed as a sealed combustion system that has an exhaust that may be vented either horizontally thru a sidewall or vertically thru a roof. Boilers, provided with a combustion air filtration system on the inlet may be ducted to a fresh air source. Boiler provided with staging controls to reduce input at lower loads. Hot water controls include a water temperature limiting device with maximum settings of 210°F and an ASME rated pressure relief valve. Units with model numbers and input heating rating are listed below:

Model Number	Input Heating Rating (BTU/Hr.)
PNCH0500N, PNCV0500N	500,000
PNCH0750N, PNCV0750N	750,000
PNCH1000N, PNCV1000N	999,000
PNCH1500N, PNCV1500N	1,500,000
PNCH2000N, PNCV2000N	1,999,000

## CLEARANCE/INSTALLATION

For installation on combustible floors:

	Indoor	Outdoor
Left Side	1 inch	36 inches
Right Side	1 inch	36 inches
Rear	1 inch	12 inches
Front	1 inch	24 inches
Top	1 inch	Unobstructed
Vent	3 inches	---

### Direct vent (Sealed Combustion) or Common Installation

Maximum: 81 equivalent feet for inlet  
81 equivalent feet for outlet

Subtract 10 feet of vent pipe length for every 90° elbow installed.  
Safe-T Vent.

Recommendation - 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 with applicable provisions of law, but have been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the of Electrical Control before installation. provisions of law, but have not been tested in conjunction with this application.

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 July 25/03

Examined By S Derphidan