



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 357-02-E Vol. 3

Manufacturer: Weil-McLain, 500 Blaine Street, Michigan City, Indiana 46360.

Trade Name(s): Weil-McLain Ultra.

Product: Gas fired boiler assemblies.

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 Report(s): Report No. 1352018, dated September 9, 2002 and January 28, 2005.

Description: Residential, condensing direct vent gas fired cast iron sectional low-pressure hot water heating boiler. Unit consists of tubular type stainless steel main burners, pilot burner with igniter and sensor for intermittent ignition system, combination gas control, 30 psig relief valve, induced draft with air pressure switch. Units, with model numbers, and input heating ratings are listed below.

Model No.	Input Heating Rating BTUH
Ultra 80	16,000 – 80,000
Ultra 105	21,000 – 105,000
Ultra 155	31,000 – 155,000
Ultra 230	46,000 – 230,000
Ultra 310	62,000 – 310,000

Notes: Units may be installed on combustible floor. Minimum installed clearances from combustible construction shall be as follows: top – 0.5 inches; front – 0.5 inches; flue connector – 0.2 inches; rear – 0 inches; left side – 0.5 inches; right side – 0.25 inches.

Vent Configuration: Direct Vent and Direct Exhaust.

Material: AL29-4C stainless steel vent pipe @ 3" diameter only pipe by
Heat Fab Saf-T-Vent
Z-Flex Z-Vent
Pro-Tech Systems FasNseal

Plastic Pipe, PVC/ABS/CPVC @ 3" & 4" Diameter

Maximum Vent Length

Ultra 310	At 4" vent pipe diameter = 100 FT + termination
Ultra 230	At 4" vent pipe diameter = 100 FT + termination At 3" vent pipe diameter = 30 FT + termination
Ultra 155, 105 & 80	At 3" vent pipe diameter = 100 FT + termination

Minimum Vent Length

Ultra 310	At 4" vent pipe diameter = 2 FT + termination
Ultra 230	At 3" or 4" vent pipe diameter = 2 FT + termination
Ultra 155, 105 & 80	At 3" vent pipe diameter = 2 FT + termination

Vent Termination:

- 90 degrees elbow with screen
- Tee with screen
- Vent Cap Termination
- Concentric Vent termination Kit

Terms and Conditions: The above described gas fired hot water boilers, constructed in accordance with the ASME Boiler Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only. 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 not been tested in conjunction with this application. All shipments and deliveries of such equipment shall be provided with a laboratory label and a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and acceptable for use, as provided for in section 27-131 of the Building Code. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation.

Final Acceptance February 3, 2006
Examined By Sium Derbhudam