



## 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 415-07-E

**Manufacturer:** Slant/Fin Corporation  
100 Forest Drive  
Greenvale, NY 11548

**Trade Name(s):** BOBCAT

**Product:** Gas-fired hot water boilers  
Index #60 - Boilers

**Pertinent Code Section(s):** 27-800, 27-824, 27-826, 27-886, RS 14-2 (ANSI Z223.1)

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

**Laboratory:** CSA International

**Test Report(s):** CSA Report 153462-1729457, dated October 11, 2006.

**Description:** Bobcat boilers, **models B-120 and B-200**, are gas-fired, hot water, low pressure, and sealed-combustion condensing boilers for indoor installation and on combustible flooring. Boiler may be installed in a closet or in an alcove. Bobcat boilers are for direct-vent or non-direct vent (Category IV) installation.

Nominal high (max) input into B-120 model is 120,000 BTU/hr. modulating down to 30,000 BTU/hr. (min. input) and the max. Input into B-200 is 200,000 BTU/hr modulating down to 50,000 BTU/hr. Bobcat boilers are for use with natural or propane gases. The unit consists of finned aluminum tubes heat exchanger assembly, semi flat woven metal fiber pre-mix burner, direct spark ignition and digital integrated boiler control. Boilers are provided with a water temperature-limiting device and a pressure relief valve.

Venting Specifications:

<b>Boiler Model No.</b>	<b>Restrictions</b>
B-120, B-200	Minimum Vent Length: 2 ft. + 1 - 90° elbow + vent terminal
B-120	Maximum Vent Length: 100 equivalent feet + vent terminal
B-200	Maximum Vent Length: 50 equivalent feet + vent terminal
	Wall Thickness: 3 inch minimum 12 inch maximum

Material Specifications:

Vent Pipe: 3 inch diameter, pvc, cpvc or UL listed corrosion resistant AL29-4C stainless steel – Heat-Fab, Inc., ProTech System Inc., Flex-L International, Inc., Z-Flex, Inc., Metal-Fab Inc.

Air-intake Pipe: 3 inch diameter, pvc, cpvc schedule 40

**B-120**

Direct Vent Terminal: Slant/Fin P/N 860002/861001 Vent/Air-intake (pvc, cpvc)  
Slant/Fin P/N 451139/451140 Vent/Air-intake (stainless steel)

**B-200**

Direct Vent Terminal: Slant/Fin P/N 860802 Vent/Air-intake (pvc, cpvc)  
Slant/Fin P/N 451138 Vent/Air-intake (stainless steel)

Joint Sealant: GE-RTV106, IS806 or Dow-Corning 732

**Terms and Conditions:** The above-described gas-fired, hot water boilers are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
3. Units must be installed indoors only.
4. Boilers shall be installed on combustible flooring with minimum installed clearances as follows:

	<u>Closet</u>	<u>Alcove</u>
Top:	3 inches	3 inches
Front:	6 inches	Open
Left & Right Sides:	2 inches	2 inches
Rear:	0 inches	0 inches
Flue Connector:	1 inch – pvc/cpvc	1 inch – pvc/cpvc
Flue Connector:	2 inches – stainless steel	2 inches – stainless steel
Floors:	Combustible	Combustible
Pipes:	1 inch	1inch

5. Units shall not be installed in any closed space with a volume of less than 100 cubic feet.
6. Approved gas vent shall be in accordance with Subchapter 15 of the New York City Building Code and Section 27-886.
7. 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.
8. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
9. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
10. 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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

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 February 15, 2008

Examined By Simon Derfke