



NYC Department of Buildings
 280 Broadway, New York, NY 10007
 Patricia Lancaster, FAIA, Commissioner
 (212) 566-5000, TTY: (212) 566-4769

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 235-07-E

Manufacturer: Takagi Industrial Co. USA Inc., 5 Whatney, Irvine, CA 92618

Trade Name(s): Takagi Industrial

Product: Tankless, gas-fired water heater

Pertinent Code Section(s): 27-800, RS 16 (P107.26), RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10.1)

Laboratory: CSA International

Test Report(s): Certificate #1153091, dated November 21, 2006
 Certificate #1153091, dated February 16, 2007
 Certificate #1092543, dated December 13, 2006

Description: Instantaneous gas-fired water heater, with no tank, which is equipped with controls so electrical power or fuel gas input is only supplied when hot water is drawn. Unit is comprised of direct spark igniter, flame sensor, ignition module, limiting device, manual valve, proportional and solenoid dual gas valve, combustion air blower and limit control. Units, with model numbers and input heating rating, are listed below.

Model No.	Input Heating Rating (Btu/Hr)
Flash T-K3	11,000 – 199,000
Flash T-K3-OS	11,000 – 190,000
Flash T-K3-SP	11,000 – 190,000
Mobius T-M199	25,000 – 199,000

Terms and Conditions: The above-described water heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed with following clearances:

Model T-K3, T-K3-SP	OUTDOOR	INDOOR
A-From Top of Water Heater	36 inches	12 inches
B-From Front of Unit	24 inches	4 inches
C-From Single Wall Flue of Vent Connector in any direction	6 inches	6 inches
D-From Back of Unit (with Support Bracket)	1 inches	1 inches
EL-From Left Side of Unit	0 inches	0 inches
ER-From Right Side of Unit	0 inches	0 inches
F-Floor (Non-combustible)	12 inches	12 inches

Model T-M199	OUTDOOR	INDOOR
A-From Top of Water Heater	36 inches	12 inches
B-From Front of Unit	Alcove	4 inches
C-From Single Wall Flue of Vent Connector in any direction	6 inches	6 inches
D-From Back of Unit (with Support Bracket)	1 inches	1 inches
EL-From Left Side of Unit	2 inches	2 inches
ER-From Right Side of Unit	2 inches	2 inches
F-Floor (Non-combustible)	12 inches	12 inches

Model T-K3-OS	OUTDOOR Only
A-From Top of Water Heater	36 inches
B-From Front of Unit	24 inches
C-From Single Wall Flue of Vent Connector in any direction	6 inches
D-From Back of Unit (with Support Bracket)	1 inches
EL-From Left Side of Unit	0 inches
ER-From Right Side of Unit	0 inches
F-Floor (Non-combustible)	12 inches

3. Units shall not be installed in any enclosed space with a volume of less than 100 cubic feet.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

6. 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 September 20, 2007

Examined By Simon Derkhedem