



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 181-89-E Vol. 3

Manufacturer: Eemax Inc.
353 Christian Street
Oxford, CT 06478

Trade Name(s): Eemax Inc

Product: Electric tankless water heaters
MEA Index #410-150 – Heaters, Electric

Pertinent Code Section(s): 27-787

Prescribed Test(s): RS 14-6 (UL 499)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File E86887, Volume 3, Sections 1, 2 and 3

Description: Instantaneous electric water heaters, **Series SP** and **EX**, intended to supply on demand hot water for a shower, sink or basin. The unit incorporates nickel-chrome sheath type heating elements, high-limit thermostat, adjustable operating thermostat, a power switch, flow switch and controls. Heaters have been tested at 300 psi. Units, with model numbers and maximum electric input heating ratings, are listed below:

SINGLE-POINT UNITS

Model No.	Volts	KW
SP2412	120V	2.4
SP3012	120V	3
SP3512	120V	3.5
SP3208	208V	3
SP4208	208V	4.1
SP35	240V	3.5
SP55	240V	5.5
SP4277	277V	4.1
SP3277	277V	3

FLOW-CONTROLLED UNITS

Model No.	Volts	KW
EX35 SL	240V *	3.5
EX55	240V *	5.5
EX65	240V *	6.5
EX75	240V *	7.5
EX95	240V *	9.5
EX8208	208V	8.3
EX60	277V	6
EX80	277V	8
EX90	277V	9
EX100	277V	10

*Units can be used on 208V with 25% reduced output.

THERMOSTATIC UNITS

Model No.	Volts	KW
EX55T	240V *	5.5
EX65T	240V *	6.5
EX75T	240V *	7.5
EX95T	240V *	9.5
EX8208T	208V	8.3
EX60T	277V	6
EX80T	277V	8
EX90T	277V	9
EX100T	277V	10

*Units can be used on 208V with 25% reduced output.

“PARALLEL” MODELS (TWIN MODULE) WITH TWO THERMOSTATS

Model No.	Volts	KW
EX144T2	240V *	15
EX190T2	240V *	19
EX160T2	277V	16
EX200T2	277V	20

*Units can be used on 208V with 25% reduced output.

“SERIES TWO” MODELS (TWIN MODULE) WITH SINGLE THERMOSTATIC CONTROL

Model No.	Volts	KW
EX144TC	240V *	15
EX190TC	240V *	19
EX160TC	277V	16
EX200TC	277V	20

*Units can be used on 208V with 25% reduced output.

“THREE PHASE” MODELS (TRIPLE MODULE) THERMOSTATIC

Model No.	Volts	KW
EX180T3	208/277V	18
EX240T3	208/277V	24
EX320T3	277V	32

“THREE PHASE” MODELS (TRIPLE MODULE) THERMOSTATIC (Low Turn On)

Model No.	Volts	KW
EX180T2T	208/277V	18
EX240T2T	208/277V	24
EX280T2T*	277V	32

*Single-phase – 240V/208V

“DIGITAL” MODELS

Model No.	Volts	KW
EX55TDR	240V*	5.5
EX65TDR	240V*	6.5
EX75TDR	240V*	7.5
EX95TDR	240V*	9.5
EX8208TDR	208V	8.3

*Units can be used on 208V with 25% reduced output.

“DE-IONIZED” MODELS

Model No.	Volts	KW
EX55TDI	240V*	5.5
EX65TDI	240V*	6.5
EX75TDI	240V*	7.5
EX95TDI	240V*	9.5
EX8208TDI	208V	8.3
EX60TDI	277V	6
EX80TDI	277V	8
EX90TDI	277V	9
EX100TDI	277V	10

*Units can be used on 208V with 25% reduced output.

THREE-PHASE THERMOSTATIC MODELS

Model No.	Volts	KW
EX180TDI	208/277V	18
EX240TDI	208/277V	24
EX320TDI	277V	32
EX280TDI*	240V	28

*Single-phase – 240V/208V.

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

1. Minimum installed clearances from combustible construction shall be in accordance with Reference Standard RS 14-15 of the New York City Building Code.
2. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department before installation.
3. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
4. 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 July 31, 2008

Examined By Sun Derkhalan