



# 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 416-06-E

**Manufacturer:** Lochinvar Corp., 300 Maddox Simpson Pkwy, Lebanon, TN 37090

**Trade Name(s):** Standard High Power Electric  
Custom ASME High Power Electric

**Product:** Commercial high-power electric water heaters

**Pertinent Code Section(s):** 27-787

**Prescribed Test(s):** RS 14-6 (UL 1453)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File # E67378  
Custom ASME – UL File # E67378

**Description:** Commercial high-power electric water heaters. Unit is comprised of standard or ASME construction glass-lined storage tank, electric heating elements, surface thermostat or immersion thermostat, safety high limit, contactors, fuses, fuse blocks, terminal blocks and wiring.

Model No.	Gallon	Input (kw)
HS*09-052	50	9
HS*12-052	50	12
HS*15-052	50	15
HS*18-052	50	18
HS*24-052	50	24
HS*27-052	50	27
HS*30-052	50	30
HS*36-052	50	36
HS*09-082	80	9

<b>Model No.</b>	<b>Gallon</b>	<b>Input (kw)</b>
HS*12-082	80	12
HS*15-082	80	15
HS*18-082	80	18
HS*24-082	80	24
HS*27-082	80	27
HS*30-082	80	30
HS*36-082	80	36
HS*45-082	80	45
HS*54-082	80	54
HS*09-120	119	9
HS*12-120	119	12
HS*15-120	119	15
HS*18-120	119	18
HS*24-120	119	24
HS*27-120	119	27
HS*30-120	119	30
HS*36-120	119	36
HS*45-120	119	45
HS*54-120	119	54
HC*09-052	50	9
HC*12-052	50	12
HC*15-052	50	15
HC*18-052	50	18
HC*24-052	50	24
HC*27-052	50	27
HC*30-052	50	30
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HC*09-082	80	9
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HC*30-082	80	30
HC*36-082	80	36
HC*45-082	80	45
HC*54-082	80	54
HC*09-120	119	9
HC*12-120	119	12
HC*15-120	119	15
HC*18-120	119	18
HC*24-120	119	24
HC*27-120	119	27
HC*30-120	119	30
HC*36-120	119	36
HC*45-120	119	45
HC*54-120	119	54

VOLTAGE SCHEDULE	
"HS" / Surface Thermostat models	"HC" / Immersion Thermostat models
P = 240v / 1Ø & 3Ø	A = 240v / 1Ø
T = 208v / 1Ø & 3Ø	B = 240v / 3Ø
W = 277v / 1Ø	J = 208v / 1Ø
X = 480v / 3Ø	K = 208v / 3Ø
Y = 380v / 3Ø	W = 277v / 1Ø
Z = 415v / 3Ø	X = 480v / 3Ø
	Y = 380v / 3Ø
	Z = 415v / 3Ø

Note: Designed for indoor installation only in an area not subject to freezing. Units may be installed on combustible flooring. Minimum clearances from combustible material and for serviceability shall be as follows: Right Side – 0 inches, Rear – 0 inches, Left Side – 0 inches, Front – 18 inches for service, Top – 12 inches for service and hot water pipe clearances – 1 inch.

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

1. Units must be installed with a properly-sized relief valve.
2. Installation must provide for thermal expansion of heated water.
3. 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 acceptable for use, as provided in Section 27-131 of the Building Code.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.

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 November 10, 2008

Examined By Sun Deshpande