

CERTIFICATE OF COMPLIANCE

Certificate Number E248340
Report Reference E248340-20090409
Issue Date 2019-DECEMBER-27

Issued to: HT SPA
VIA CONEGLIANO 73/B
31058 SUSEGANA, TV ITALY

This certificate confirms that representative samples of COMPONENT - HEATERS, SPECIALTY
USR, CNR: Component - Cartridge heaters, Series HT95, models "L", "R" and "M", may be f/b "S", may be f/b 1, 2, 3 or 4, f/b A or Y, may be followed by 1 or 2.

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 499- Electric Heating Appliances
CSA C22.2 No. 72- Heater Elements

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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31058 SUSEGANA TV ITALY

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Project No: 4789052775
PD No: 19071041
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PO Number:

Subject: Procedure And/Or Report Material

The following material resulting from the investigation under the above numbers is enclosed.

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
		1	Revised Index Page(s) 1	2019/12/19
2009/04/09	1	3	Cert of Compliance	
2009/04/09	1	3	New Description Page(s) 5A	2019/12/19
2009/04/09	1	3	Revised Description Page(s) 1, 2, 2-1, 2A, 3A, 5	2019/12/19
2009/04/09	1	3	Revised Illustration(s) 1, 4	2019/12/19
2009/04/09	1	3	New Test Record 10	2019/12/19

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Inspections at your plant will be conducted under the supervision of Carlo Filippi, UL INSPECTION CENTER ITALY, UL ITALIA INC, VIA DELLE INDUSTRIE 1,

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Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

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Soggetta a direzione e coordinamento di Underwriters Laboratories Inc. Northbrook (IL), USA

File E248340

Project 08CA32183

April 9, 2009

REPORT

on

COMPONENT - HEATERS, SPECIALTY

HT SPA
SUSEGANA TV ITALY

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DESCRIPTION

PRODUCT COVERED:

USR, CNR: Component - Cartridge heaters, Series HT95, models "L", "R" and "M", may be f/b "S", may be f/b 1, 2, 3 or 4, f/b A or Y, may be followed by 1 or 2.

RATINGS:

Series	Voltage, [V]	Maximum Power, [W]	Maximum Power Density, [W/cm ²]	Service Condition		
HT95 Model "L"	100-120	2500	80	Water		
	220-240	5000				
	254-277	5000				
	400-600	15000				
HT95 Model "R"	100-120	2500	8	Still Air		
	220-240	2500				
	254-277	2500				
	400-600	15000				
HT95 Model "M"	100-120	2500	80	Thermo Block		
	220-240	5000				
	254-277	5000				
	400-600	15000				
	24	1800			30	Thermo Block
	48	1800			30	Thermo Block

$$\text{Watt Density} = \frac{\text{Total Wattage}}{3.14 \text{ (O.D. in.) (Heated length in.)}}$$

(W/cm.²)

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

These products are elements for mounting on end products, such as radiators, intended to be submersed in Water, Still Air, or inserted in a Thermo Block.

USR - Identifies compliance with Standards UL 499 13th Edition, Dated November 17, 2005.

CNR - Identifies compliance with CSA Standards C22.2 No. 72-10.

Where components are described as R/C (CCN2)/CN, they are to be both UL Recognized and Certified for Canada.

Where components are described as Listed/CN, they are to be both UL Listed and Certified for Canada.

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