1.0 Reference and Address			
Report Number	211100239HZH-001	Original Issued: 28-Dec-2021	Revised: 10-Oct-2024
Standard(s)	Electric Heating Appliances [UL 499:2014 Ed.14+R:14Jun2022] Safety of Household and Similar Appliances - Part 1: General Requirements [CSA C22.2#60335-1:2016 Ed.2] Household and Similar Electrical Appliances - Safety - Part 2-43: Particular Requirements for Clothes Dryers and Towel Rails [CSA E60335-2-43:2023 Ed.4]		

Applicant	FOSHAN SAI MEI TE SANITARY WARE CO., LTD	Manufacturer	**FOSHAN SAI MEI TE SANITARY WARE CO., LTD**
Address	Donglian shichen development area, Danzao Town Nanhai District, Foshan, Guangdong	Address	Donglian shichen development area, Danzao Town Nanhai District, Foshan, Guangdong
Country	China	Country	China
Contact	Teli Chan	Contact	Teli Chan
Phone	+86-18923119142	Phone	+86-18923119142
FAX	NA	FAX	NA
Email	teli.2008@163.com	Email	teli.2008@163.com

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2.0 Product Description	
Product	Towel Warmer
Brand name	NA
Description	The products covered by this report are a range of household, indoor use, electric Towel Warmers. The products can be supplied with a supply lead wire for permanent connection to the power supply.
Models	9001, 9002, 9005, 9006, 9017, 9018, 9030, 9039, 9040, 9045, 9053, 9042, 9046, 9047, 9048, 9052, 9023, 9056, SC06, LETO, METIS, ARTEMIS, LETO-06, LETO-13, SELENE, CRONOS, LETO-08, RHEA, TERRA, APOLLO, PC05
Model Similarity	All models are same except appearance and power input. LETO is same as 9001 except model name is different. METIS is same as 9045 except model name is different. ARTEMIS is same as 9018 except model name is different. LETO-13 and LETO-06 have similar construction except appearance and power input are different. 9042, 9047 9056 and 9048 have similiar construction except appearance and power input are different. 9052 and 9045 have similiar construction except appearance and power input are different. 9023 and SC06 have similiar construction except appearance and power input are different. 9053 and 9046 have similiar construction except appearance and power input are different. RHEA and LETO-13 have similiar construction except appearance and power input are different. SELENE is same as 9002 except model name is different. CRONOS is same as 9005 except model name is different. LETO-08 is same as 9040 except model name is different. Details refer to photos.
Ratings	9001, LETO: 120V~, 60Hz, 187W 9002, SELENE: 120V~, 60Hz, 200W 9005, CRONOS: 120V~, 60Hz, 106W 9006: 120V~, 60Hz, 180W 9017: 120V~, 60Hz, 77W 9018, ARTEMIS: 120V~, 60Hz, 50W 9030: 120V~, 60Hz, 100W 9039: 120V~, 60Hz, 95W 9040, LETO-08: 120V~, 60Hz, 90W SC06: 120V~, 60Hz, 85.5W 9045, METIS: 120V~, 60Hz, 110W LETO-06: 120V~, 60Hz, 180W LETO-13: 120V~, 60Hz, 300W 9053: 120V~, 60Hz, 50W 9046: 120V~, 60Hz, 55W 9042: 120V~, 60Hz, 118W 9047: 120V~, 60Hz, 125W 9048: 120V~, 60Hz, 210W 9052: 120V~, 60Hz, 65W 9023: 120V~, 60Hz, 51W 9056: 120V~, 60Hz, 90W RHEA: 120V~, 60Hz, 150W PC05: 120V~, 60Hz, 70W TERRA: 120V~, 60Hz, 70W APOLLO: 120V~, 60Hz, 130W
Other Ratings	IPX4

3.0 Product Photographs

Photo 1 - External view for 9001



Photo 2 - External view for 9002

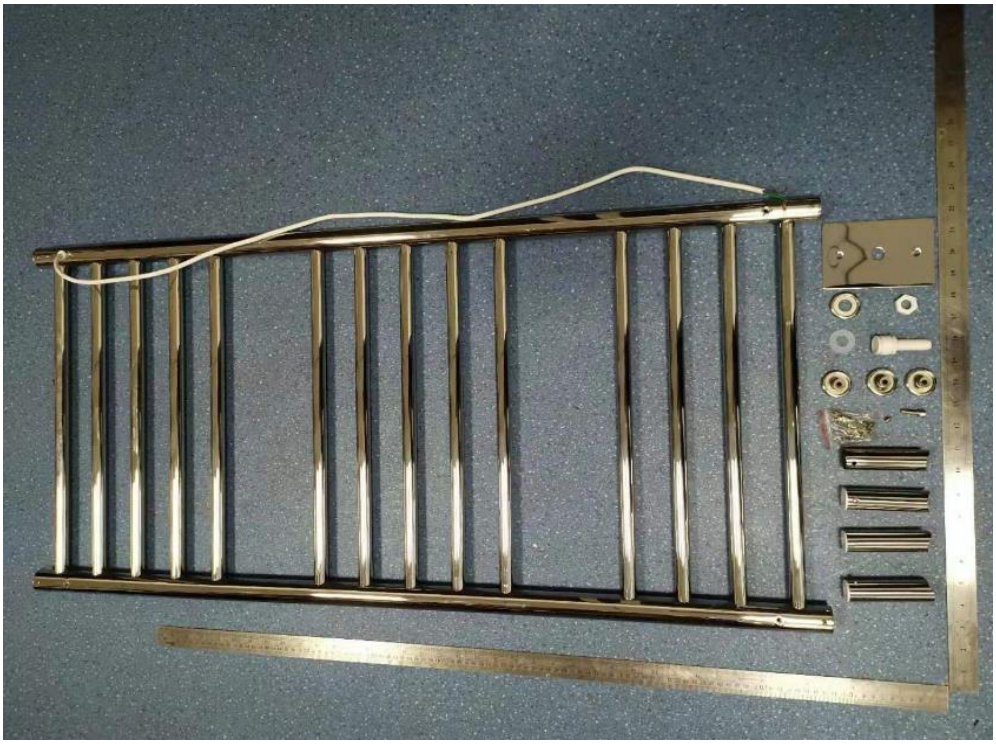


3.0 Product Photographs

Photo 3 - External view for 9005



Photo 4 - External view for 9006



3.0 Product Photographs

Photo 5 - External view for 9017

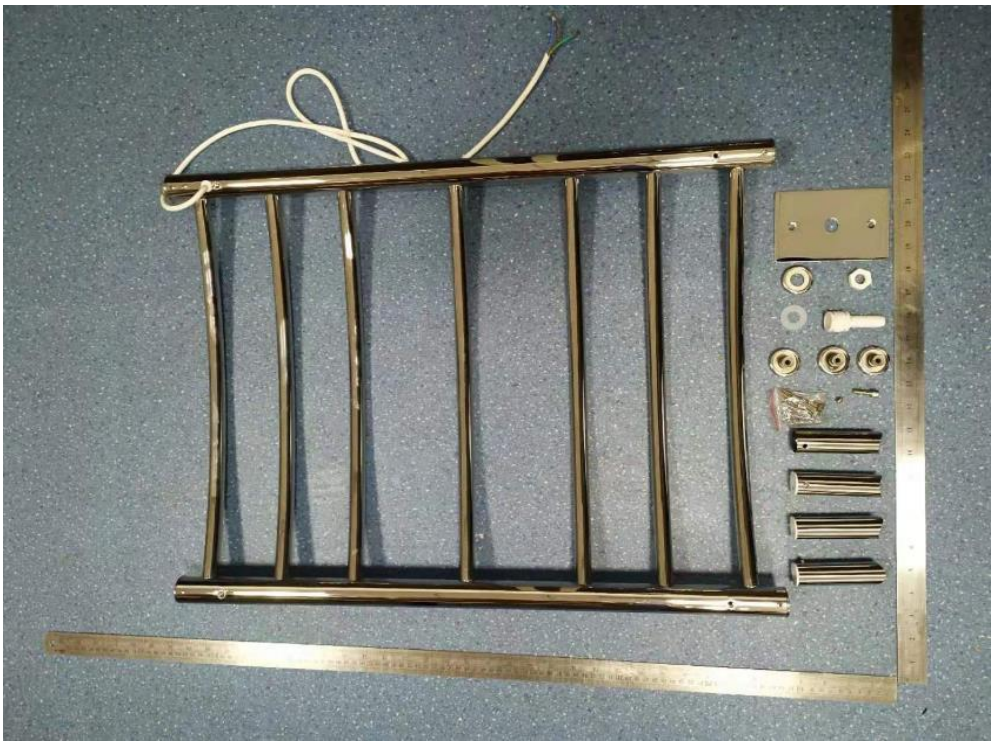
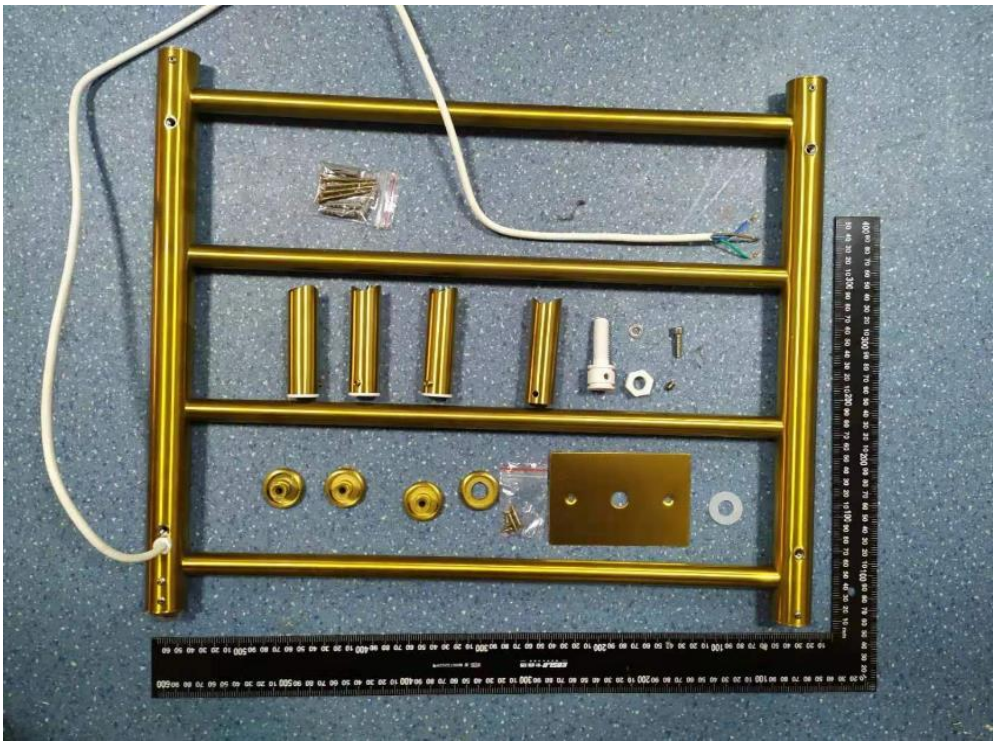


Photo 6 - External view for 9018



3.0 Product Photographs

Photo 7 - External view for 9030

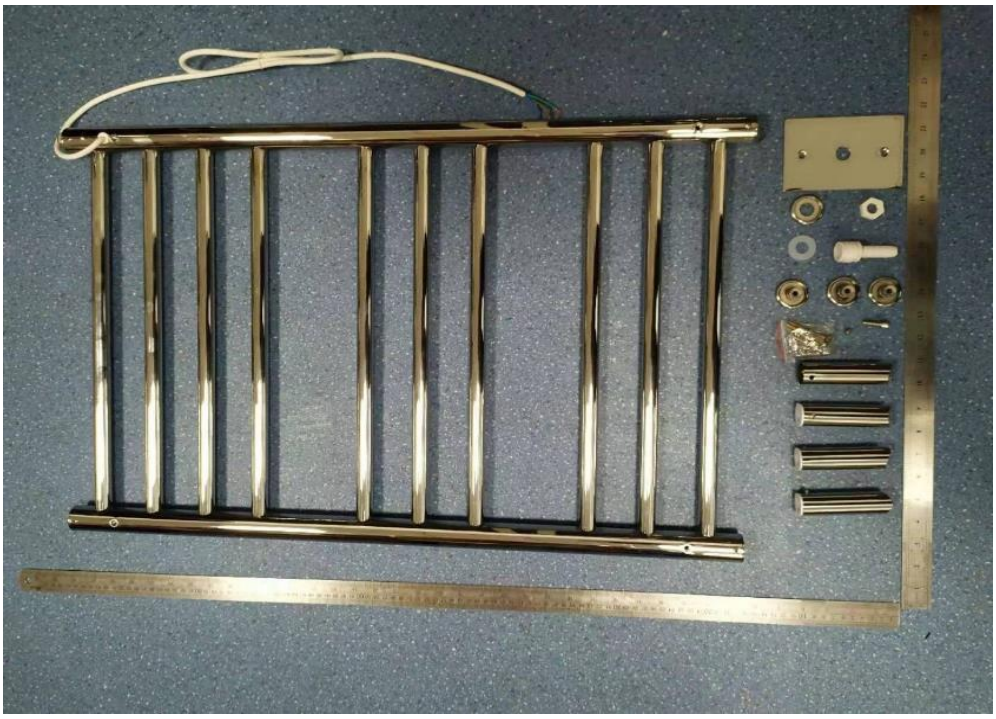
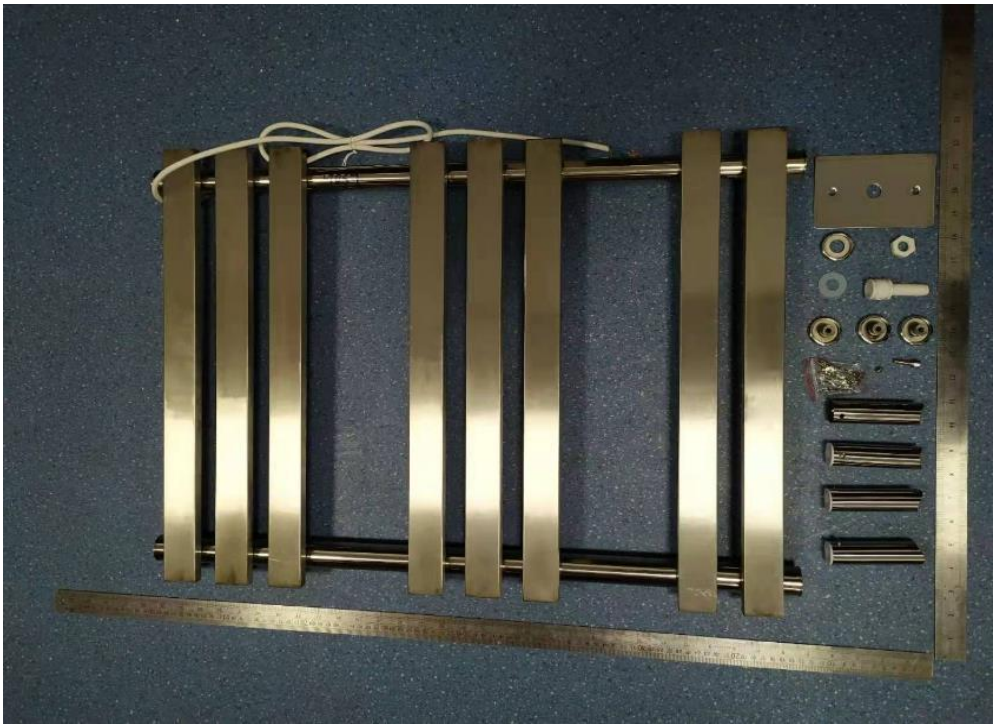


Photo 8 - External view for 9039

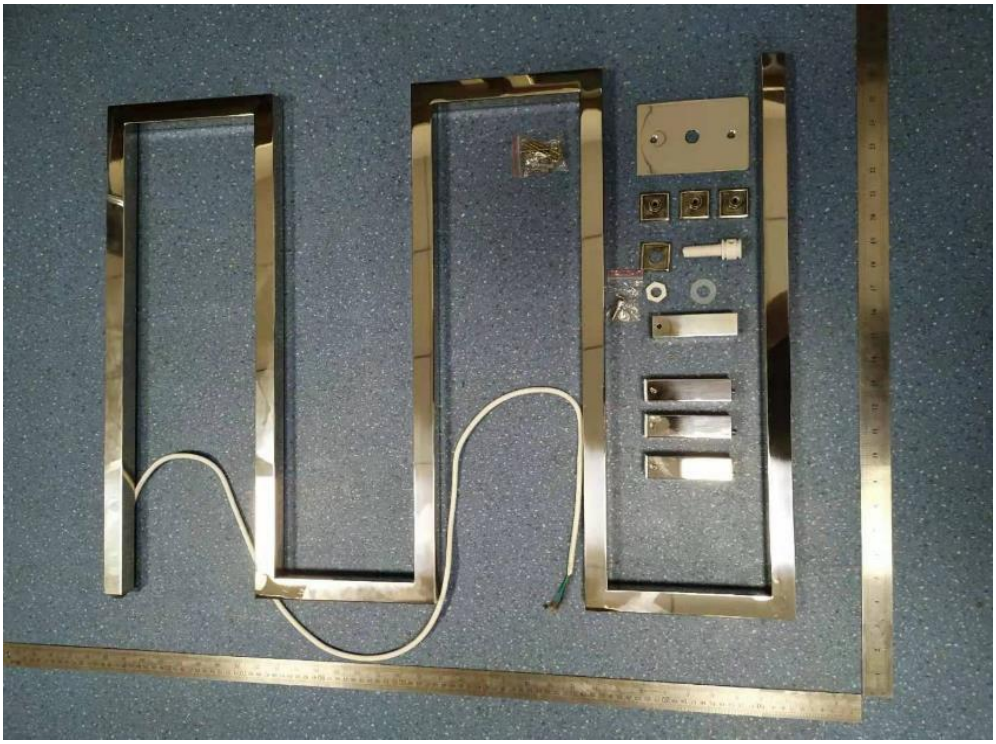


3.0 Product Photographs

Photo 9 - External view for 9040



Photo 10 - External view for 9045



3.0 Product Photographs

Photo 11 - External view for SC06

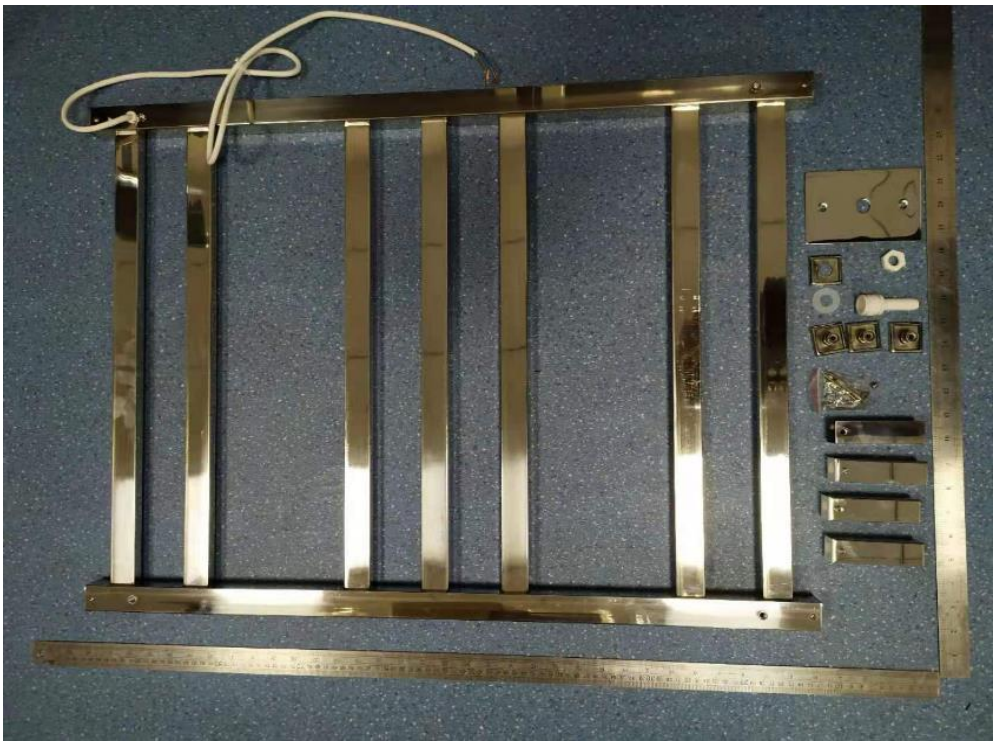
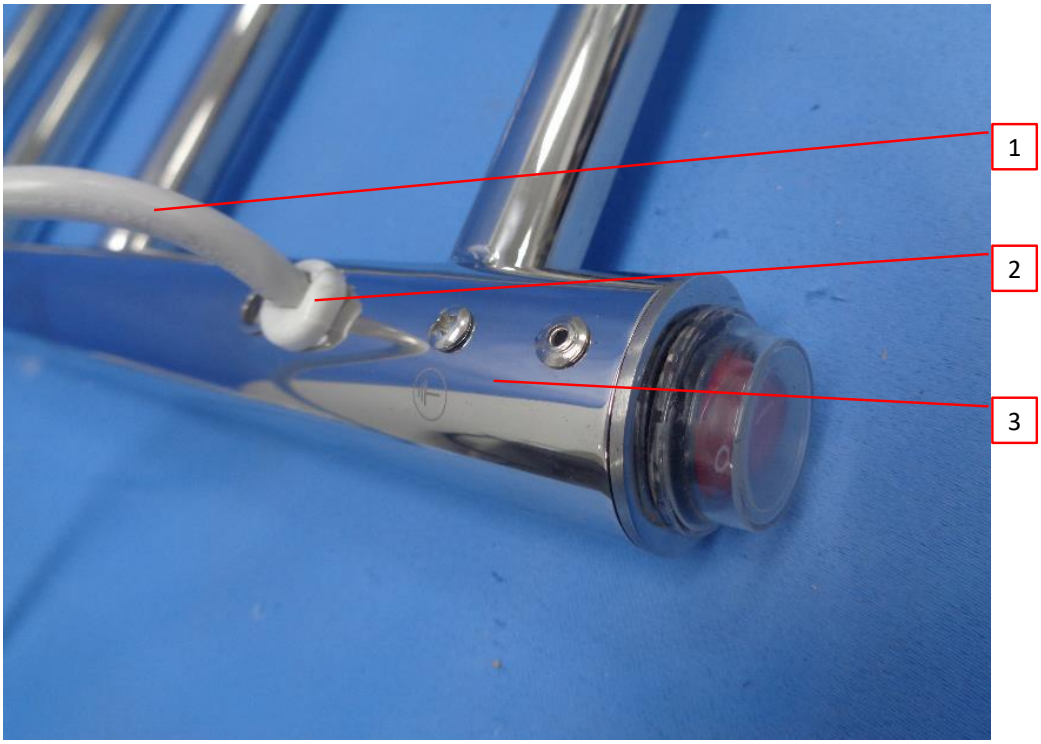


Photo 12 - External view for all models (representative)



3.0 Product Photographs

Photo 13 - Internal view for all models (representative)

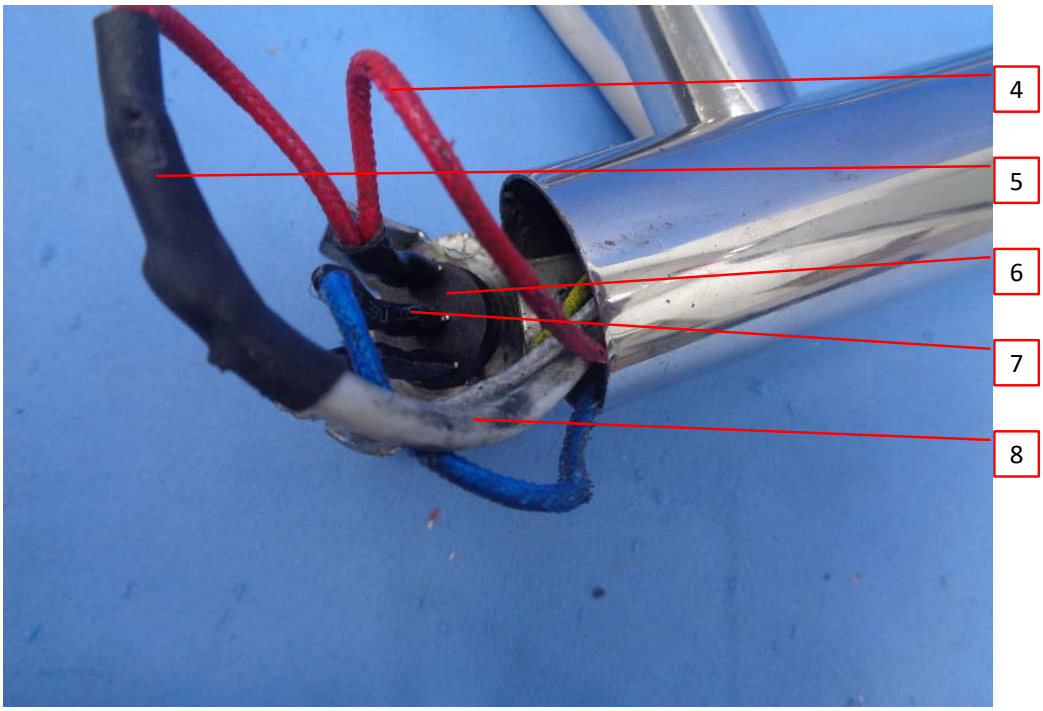


Photo 14 - External view for 9056

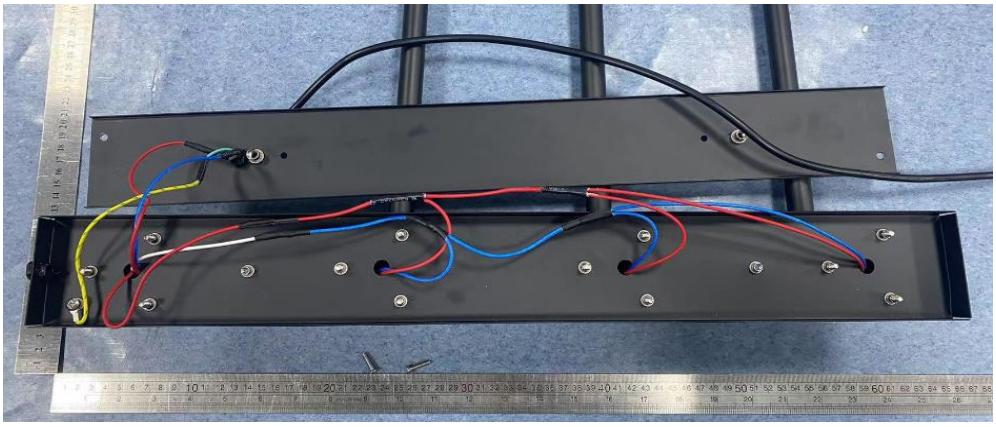


3.0 Product Photographs

Photo 15 - External view for 9053



Photo 16 - Internal view for 9053



3.0 Product Photographs

Photo 17 - Internal view for 9053



Photo 18 - External view for LETO-13



3.0 Product Photographs

Photo 19 - External view for 9046

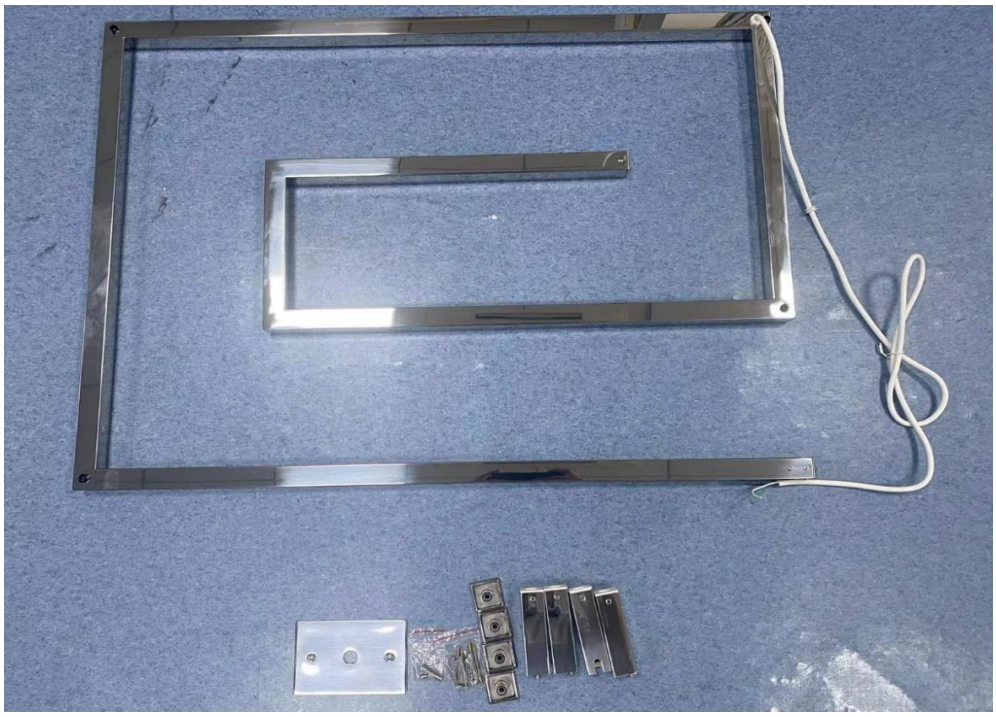


Photo 20 - External view for 9042



3.0 Product Photographs

Photo 21 - External view for 9047



Photo 22 - External view for 9048



3.0 Product Photographs

Photo 23 - External view for 9052

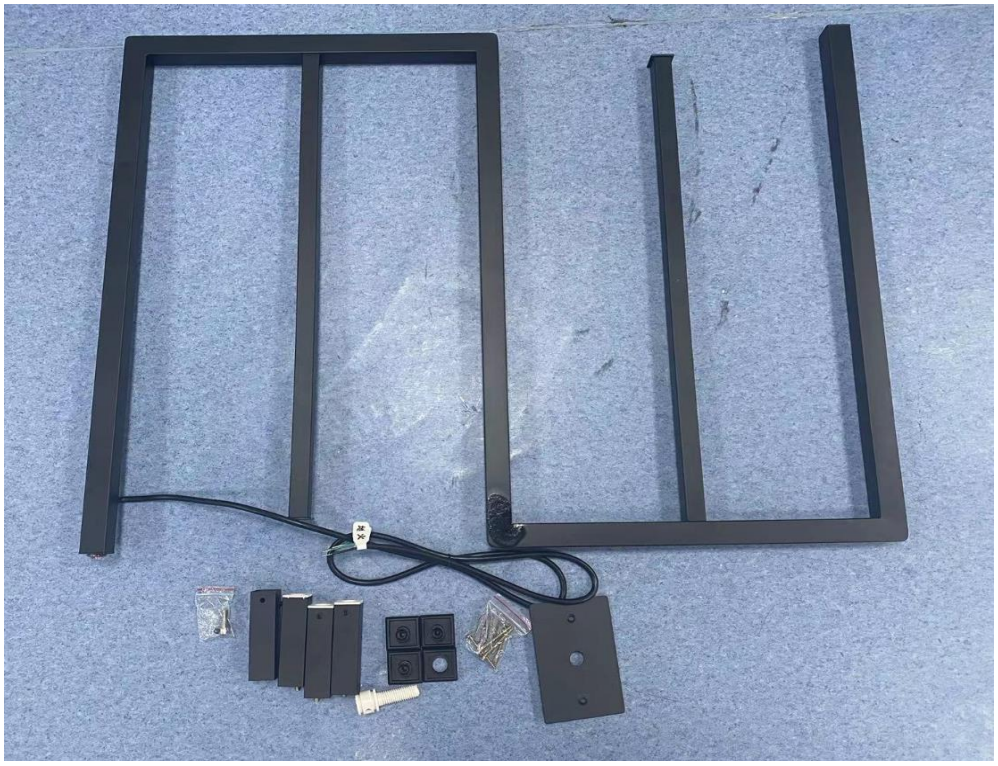


Photo 24 - External view for 9023



3.0 Product Photographs

Photo 25 - External view for RHEA



Photo 26 - External view for APOLLO



3.0 Product Photographs

Photo 27 - External view for TERRA



Photo 28 - External view for PC05



4.0 Critical Components

Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
12	1	Power Supply Cord	Various	SJTW	Rated: 18AWGx3c, 300V, 105°C, length not less than 152mm.	cULus or cETLus
12	2	Strain Relief	HEAVY POWER CO LTD (E107293)	5N-4	Bushings, incorporating a strain relief. Clamp onto power supply cord and built into enclosure.	cURus
12	3	Enclosure	Various	Various	Stainless steel 304 with min. thickness 1.0mm.	NR
13	4	Internal wiring	Various	AWG	Min. 20AWG, 105°C, 300V ac.	cURus or cETLus
13	5	Heating shrinkable tube	Various	Various	Rated: 600V, 125°C, VW-1, covered onto the connection between internal wire and power wire, quick connector connect to switch tabs.	cURus
13	6	Power switch	Guangzhou Taiheng Electric Appliance Co., Ltd	TH1	Rated: 15RA 125VAC; T125; 1E4. Built into enclosure and covered by a soft PVC cover.	cETLus
13	7	Quick connector	Various	Various	Rated: 5.2mm width. Connect to switch tabs.	cURus
13	8	Heating wire	DONGGUAN GUANSHUN INDUSTRY CO LTD (E230488)	3323	Rated: 200°C, 300Vac, Horizontal flame, 22AWG.	cURus
1	9	Label (not shown)	Various	Various	Min. 80°C and suitable for Stainless steel surface. Affixed on the metal surface.	UR

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, 1.6 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 1.6 mm minimum between such current-carrying parts.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal or non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord or the equipment grounding terminal.
6. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.
7. Markings - The product is marked on a labeling system as described in item no. 9 of Section 4.0 as follows:
   - applicant's name
   - model number
   - date of manufacture
   - electrical ratings (volts, power & frequency)
   - IPX4
8. Cautionary Markings - The following are required:
   "For household useage only
   Pour usage domestique uniquement
   CAUTION: To ensure protection against electric shorcks, please connect to appropriately grouded outlets only.
   ATTENTION: Pour assurer la protection contre les courbatures électriques, veuillez vous connecter à des prises correctement bétonnées uniquement. "
9. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer Refer to Illustration No(s). 1~ 1b for details.

7.0 Illustrations

Illustration 1 - Instruction

WARNING
IMPORTANT: NEVER attempt any work without shutting off the electricity.
-Read all instructions before installing.
-System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
-Go to the main fuse box, or circuit breaker. Place the main power switch in the "OFF" position and unscrew the fuse(s) or swtich "OFF" the circuit breaker switch(es) that control the power to the fixture or room that you working on.
-Place the switch in the "OFF" position.
-If the supply cord is damaged, it must be relaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
-As the switch is not all-pole disconnection, a device incorporated disconnection in the fixed wiring is necessary.
-In order to avoid a hazard for very young children, this appliance should be installed so that the lowest heated rail is at least 600mm above the floor.
-This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and know ledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
-Children should be supervised to ensure that they do not play with the appliance.

ATTENTION
IMPORTANT : N'essayez JAMAIS de travailler sans avoir coupé l'électricité.
-Lisez toutes les instructions avant l'installation.
-Le système est destiné à être installé par un électricien qualifié conformément au Code national de l'électricité et aux réglementations locales.
-Aller à la boîte à fusibles principale, ou au disjoncteur. Placez l'interrupteur d'alimentation principal en position " OFF " et dévissez le(s) fusible(s) ou mettez sur " OFF " le ou les disjoncteurs qui contrôlent l'alimentation de l'appareil ou de la pièce sur laquelle vous travaillez.
-Placer l'interrupteur en position "OFF".
-En cas d'endommagement du cordon d'alimentation, celui-ci doit être relacé par le fabricant, son agent de service ou des personnes de même qualification afin d'éviter un risque.
-Comme le commutateur n'est pas une déconnexion tous poles, un dispositif incorporé de déconnexion dans le cablage fixe est nécessaire.
-Pour éviter un danger pour les très jeunes enfants, cet appareil doit être installé de telle sorte que le rail chauffé le plus bas se trouve à au moins 600mm au-dessus du plancher.
-Cet appareil n'est pas destiné à être utilisé par des personnes (y compris les enfants) dont les capacités physiques, sensorielles ou mentales sont réduites, ou qui manquent d'expérience et de connaissances, sauf si une personne responsable de leur sécurité les a surveillées ou informées sur son utilisation.
-Les enfants doivent être surveillés pour s'assurer qu'ils ne jouent pas avec l'appareil.

7.0 Illustrations

Illustration 1a - Instruction



7.0 Illustrations

Illustration 1b - Instruction

This spec sheet is available for model:9045,9018,9030,9001,9039,9040,9002,9005,9006,SC06,9017

WALL MOUNT *(hard-wire option)*

INSTALL POWER LEG FLANGE

This only applies to the Power Leg Mount ① for the Hard-Wired option (bottom-right leg). The Wall Bushing ⑨ allows the Power Cord to be passed into the wall cavity for hard-wiring to your home's electrical wiring. **NOTE:** Before proceeding,make sure you have a plan for directing the power cord to an existing circuit. It may be necessary to use a fishing tool after drilling the 1/2" hole to pull the cord to a location for connecting to power(see page 10 for ideas).

After ensuring there are no obstructions behind the wall,drill a 1/2-in hole through the drywall at the wall marking made earlier. Insert the Wall Bushing ⑨ through the Power Wall Flange ⑧ and screw the bushing into the hole you drilled into the drywall.Screw the bushing until it's snug and the small holes in bushing are aligned vertically.

WALL MOUNT *(hard-wire option)*

INSERT POWER CORD

While holding the warmer near the wall, insert the power cord through the Wall Bushing ⑨ and pull the cord tight from within the wall cavity.(see the next pages for ideas on connecting the power cord to power inside the wall)

THREAD POWER CORD THROUGH LEG

Remove the Power Leg Mount ① using the Large Hex Key ⑭. Cut the power cord near the plug and pull off the Leg Grommet. Thread the cord through the power leg,Insert Short Leg Bolt ⑪ and washer from the opposite end through the internal bracket. Now secure the power leg to the warmer by tightening the bolt using the Large Hex Key ⑭. If the leg does not get tight enough,add washer as required.

NOTE: Before proceeding to the next step,make sure you have a way to access the power cord from inside the wall and pull it to a existing power source.It may be necessary to first remove the Wall Bushing ⑨ to aid in fishing the wire . Please read to the seveeral pages for ideas.

IN-WALL ACCESS *(hard-wire option)*

SAME WALL CONNECTION

If there is an outlet or switch on the same wall as the warmer,it can be used to connect the warmer's power.Once the outlet or switch has been temporarily removed from its junction box,a fishing tool can be used to draw the unit's power cord to the outlet or swith.If neither an outlet or switch is available, a hole can be cut into the drywall to "splice" into a circuit. Once the connection is made,the hole can be patched to provide a clean installation.Always use a junction box for all connections.Do not connect to a circuiton that turns on and off when a switch is toggled.

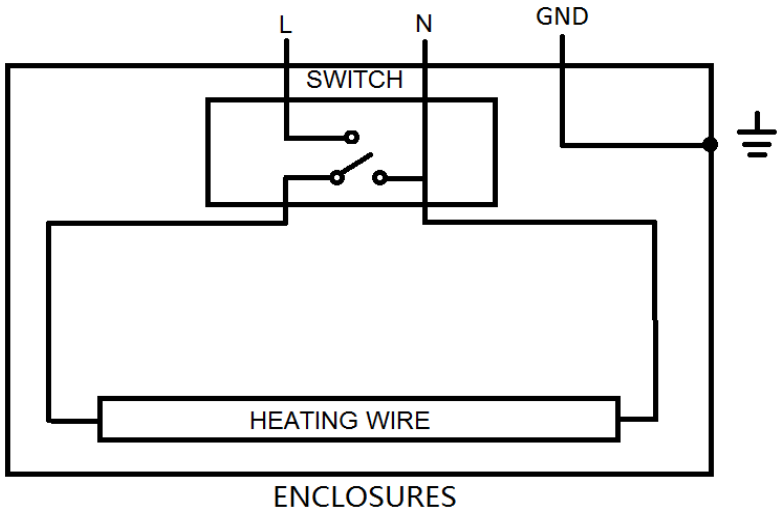
Connect to a wall Outlet

Connect to a wall switch

Produced by FOSHAN SAI MEI TE SANITARY WARE CO.,LTD
Donglian shichen development area, Danzao Town Nanhai District,Foshan,Guangdong, 528216, China

7.0 Illustrations

Illustration 2 - circuit drawing



8.0 Test Summary						
Evaluation Period	2021-11-09--2021-12-24				Project No.	211100239HZH
Sample Rec. Date	11/9/2021	Condition	Prototype		Sample ID.	1211109-10
Test Location	Intertek Testing Services Ltd Zhejiang., Hangzhou Branch. 16 No. 1 Ave., Xiasha Economic Development District, Hangzhou 310018, China					
Test Procedure	Testing Lab					
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.						
The following tests were performed:						

Test Description	UL 499:2014 Ed.14+R:21May2021	CSA C22.2#60335-1:2016 Ed.2 & CSA E60335-2-43:2013 Ed.3	
Power Input Test	33	10	
Leakage Current test	34	13	
Normal Temperature Test	36	11	
Test of Insulation Resistance and Leakage Current as a Result of Moisture	37	15	
Dielectric Voltage-Withstand Test	38	16	
Resistance to Impact	40	21	
Abnormal Operation Test	42	19	
Strain Relief Test	44	25	
Push-Back Relief Test	45	25	
Marking and instructions	--	7	
Supply connection and external flexible cords	--	25	
Earthing continuity test	28	27	
Screws and connections	--	28	
Resistance to heat and fire	--	30	

8.0 Test Summary

Evaluation Period	2023-10-27 to 2023-11-10			Project No.	230800619HAN
Sample Rec. Date	10/25/2023	Condition	Prototype	Sample ID.	1231025-12
Test Location	Intertek Testing Services Zhejiang Ltd. Building 2, Juanhu Science and Technology Innovation Park, No. 500 Shuiyueting East Road, Haining, Zhejiang, China				
Test Procedure	Testing Lab				

The products covered within this report were evaluated at Intertek Testing Services Intertek Testing Services Zhejiang Ltd. for standard updated from "[UL 499:2014 Ed.14+R:21May2021]" to "[UL 499:2014 Ed.14 +R:14Jun2022]"; standard updated from "[CSA E60335-2-43:2013 Ed.3]" to "[CSA E60335-2-43:2023 Ed.4]"

The following tests were performed:

Test Description	UL 499:2014 Ed.14 +R:14Jun2022	CSA E60335-2-43:2023 Ed.4	
Power Input Test	33	10	
Leakage Current test	34	13	
Normal Temperature Test	36	11	
Test of Insulation Resistance and Leakage Current as a Result of Moisture	37	15	
Dielectric Voltage-Withstand Test	38	16	
Abnormal Operation Test	42	19	
Strain Relief Test	44	25	
Push-Back Relief Test	45	25	
Earthing continuity test	28	27	

8.0 Test Summary

Evaluation Period	2024-09-09 to 2024-10-08			Project No.	240900159HAN
Sample Rec. Date	9/5/2024	Condition	Prototype	Sample ID.	1240905-18-003~006
Test Location	Intertek Testing Services Zhejiang Ltd. Building 2, Juanhu Science and Technology Innovation Park, No. 500 Shuiyueting East Road, Haining, Zhejiang, China				
Test Procedure	Testing Lab				

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

The following tests were performed:

Test Description	UL 499:2014 Ed.14 +R:14Jun2022	CSA C22.2#60335-1:2016 Ed.2 and CSA E60335-2-43:2023 Ed.4	
Power Input Test	33	10	
Leakage Current test	34	13	
Normal Temperature Test	36	11	
Test of Insulation Resistance and Leakage Current as a Result of Moisture	37	15	
Dielectric Voltage-Withstand Test	38	16	
Abnormal Operation Test	42	19	
Strain Relief Test	44	25	
Push-Back Relief Test	45	25	
Earthing continuity test	28	27	

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Oliver Zhuang	Reviewed by:	Navy Wang
Title:	Engineer	Title:	Reviewer
Signature:	Oliver Zhuang	Signature:	Navy Wang

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	FOSHAN SAI MEI TE SANITARY WARE CO., LTD
Address	Donglian shichen development area, Danzao Town Nanhai District, Foshan, Guangdong
Country	China
Product	Towel Warmer

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issued by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.
The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services (Shanghai FTZ) Co., Ltd
ETL Component Evaluation Center
Building No. 86, 1198 Qinzhou Road (North)
Shanghai 200233, China
Attn: Ms. Emiliana Zhou
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

-- Dielectric Voltage Withstand Test
-- Grounding Continuity Test

11.1 Dielectric Voltage Withstand Test

Method

Each product covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted when the product is complete (fully assembled) and with the primary switch in the on position. It is not intended that the product be unwired, modified, or disassembled for the test.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test potential is to be applied gradually until the full test potential is attained; however, for the 1 second test, the full test potential is to be applied at the beginning of the test.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
If the output of the test-equipment transformer is less than 500 VA, the equipment shall include a voltmeter in the output circuit to directly indicate the test potential.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

Product	Test Voltage	Test Time
All products covered by this Report.	1000V AC	60 s
	or	
	1200V AC	1 s

11.2 Grounding Continuity Test

Method

Each cord-connected appliance having provision for grounding shall be tested, as a routine production-line test, to determine that grounding continuity exists between the ground blade of the attachment plug and the accessible dead metal parts of the appliance that are likely to become energized.

Only a single test need be conducted if the accessible metal selected is conductively connected by design to all other accessible metal.

Products Requiring Grounding Continuity Test:

for all cord-connected products covered by this Report.

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
9-Nov-2022	Oliver Zhuang	2.0	-	Add new models: LETO, METIS, ARTEMIS; and Model Similarity added
221000153HAN	Robert Wang/Jeff Liu			
12-Dec-2023	Oliver Zhuang	1.0	-	1.Standard updated from "[UL 499:2014 Ed.14+R:21May 2021]" to "[UL 499:2014 Ed.14+R:14Jun2022]" 2.Standard updated from "[CSA E60335-2-43:2013 Ed.3]" to "[CSA E60335-2-43:2023 Ed.4]"
230800619HAN	Navy Wang	2.0	-	Add new models: LETO-06, LETO-13, 9053, 9042, 9046, 9047, 9048, 9052, 9023, 9056, SELENE, CRONOS, LETO-08; with Model Similarity and Ratings updated.
		3.0	14-24	Add photots for new models.
		7.0	Illustration 3-3j	Delete Illustration 3-3j: Dimension drawing
		8.0	-	Re-approved.
10-Oct-2024	Oliver Zhuang	2.0	-	Add new models: RHEA, TERRA, APOLLO, PC05; with Model Similarity and Ratings updated.
240900159HAN	Navy Wang	3.0	25-28	Add photots for new models.
	Oliver Zhuang	8.0	-	Re-approved.
	Navy Wang			