



INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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No. 0510000497(3)

Model 7501BL/7501BL240 Heated Blanket for 7501 Portable Eyewash

NOTE TO INSTALLER: Please leave this information with the Maintenance Department.

LIMITED WARRANTY

HAWS warrants that this specific product is guaranteed against defective material or poor workmanship for a period of **one year from date of shipment**. HAWS liability under this warranty shall be discharged by furnishing without charge F.O.B. HAWS Factory any goods, or part thereof, which shall appear to the Company upon inspection to be of defective material or not of first class workmanship, provided that claim is made in writing to Haws within a reasonable period after receipt of the product. Where claims for defects are made, the defective part or parts shall be delivered to the Company, prepaid, for inspection. HAWS will not be liable for the cost of repairs, alterations or replacements, or for any expense connected therewith made by the owner or his agents, except upon written authority from HAWS, Sparks, Nevada. HAWS will not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that Haws has made no other warranties either expressed or implied in addition to those above stated, except that of title with respect to any of the products or equipment sold hereunder and that HAWS shall not be liable for general, special, or consequential damages claimed to arise under the contract of sale.

The emergency equipment manufactured by HAWS is warranted to function if installation and maintenance instructions provided are adhered to. The units also must be used for the purpose for which they were intended. This product is intended to supplement first-aid treatment. Due to widely varying conditions, Haws cannot guarantee that the use of this emergency equipment will prevent serious injury or the aggravation of existing or prior injuries.

NO OTHER WARRANTIES EXPRESSED OR IMPLIED ARE AUTHORIZED, PROVIDED OR GIVEN BY HAWS.

SHOULD YOU EXPERIENCE DIFFICULTY WITH THE INSTALLATION OF THIS MODEL PLEASE CALL:

TECHNICAL SUPPORT: 1-800-766-5612

FOR CUSTOMER SERVICE: 1-888-640-4297

CAUTION : A GROUND FAULT DEVICE MUST BE USED WITH THIS HEATING DEVICE.

ATTENTION : CE PRODUIT DOIT ÊTRE UTILISÉ AVEC UNE PROTECTION DE MISE À LA TERRE.

THIS HEATING BLANKET IS ONLY FOR USE WITH HAWS MODEL 7501 PORTABLE EYEWASH.

RECOMMENDED TOOLS: Assorted tools as needed for installing power cord (7501BL240 only).

LOCATION OF UNIT: The Model 7501BL/7501BL240 heated blanket should be installed over a 7501 tank in close proximity to potential accident areas. It should be clearly identified, free from obstruction, and easily accessible. This assembly should be wall mounted in accordance with the 7501 installation instructions. **NOTE: Portable eyewash unit Models 7501BL/7501BL240 shall not be exposed to ambient temperatures exceeding 38°C (100°F).**

ELECTRICAL SUPPLY FOR MODEL 7501BL: 120VAC, 60 Hz, 1.38A. Requires a three-prong outlet and is supplied with a heavy-duty 8 foot power cord with GFCI plug. Unit is suitable for installation and use in NEMA/TYPE 3R areas. Must be used with NEMA/TYPE 3R certified covered outlet (not supplied). The 7501BL is not rated for hazardous locations.

DURING POTENTIAL FREEZING PERIODS INSURE THAT UNIT IS CONNECTED TO A CONTINUOUS POWER SUPPLY.

ELECTRICAL SUPPLY FOR MODEL 7501BL240: 240VAC, 50/60 Hz, 0.64A. No power cord is supplied with the 7501BL240 and must be wired by the user. Unit is suitable for installation and use in NEMA/TYPE 4 areas. Power connection to be per local code using flexible conduit or cable rated for NEMA/TYPE 4 – no rigid connection permitted. **MUST BE PROTECTED BY a Class A GROUND FAULT CIRCUIT INTERRUPTER (GFCI).** **DURING POTENTIAL FREEZING PERIODS INSURE THAT UNIT IS CONNECTED TO A CONTINUOUS POWER SUPPLY.**

AMBIENT TEMPERATURE RATINGS:

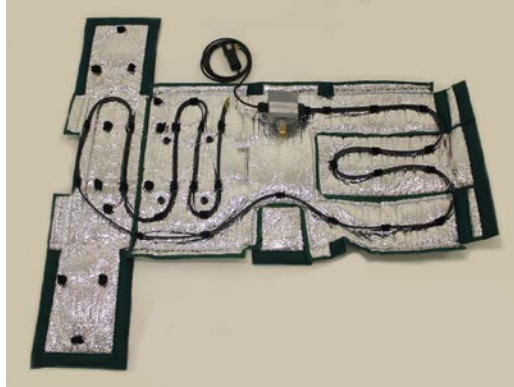
MODEL 7501BL: -22°F (-30°C) TO 100°F (38°C)

MODEL 7501BL240: -30°F (-35°C) TO 100°F (38°C)

INSTALLATION PROCEDURE

NOTE: Instructions apply to all models unless otherwise specified.

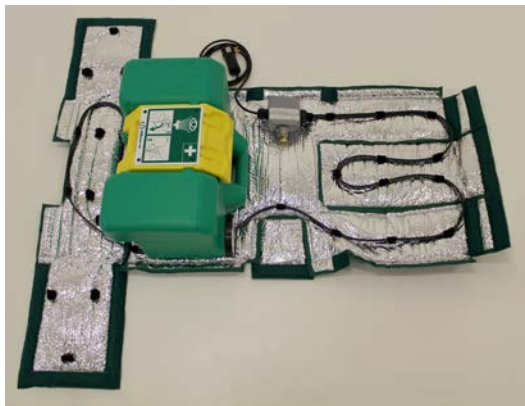
STEP 1: Unpack the blanket. Lay flat with inner surface (silver) up.



STEP 2: MODEL 7501BL240 only: Install a power cord into the junction box. The junction box is undrilled – the user must drill the appropriate size hole for the electrical fitting used. Wire the power cord to terminal block referencing the supplied electrical drawing. The cord set shall be listed to UL 817 and CSA-C22.2 NO. 21 and provided with 3 wire grounding type attachment plug rated 240V minimum 15A. Cord set shall be minimum 6' length and minimum 18 GA. A listed strain relief shall be used. Power cord shall be installed by qualified personnel. The Model 7501BL240 **MUST BE PROTECTED BY a Class A GROUND FAULT CIRCUIT INTERRUPTER (GFCI).**

NOTICE: MODEL 7501BL240 REQUIRES MINIMUM NEMA/TYPE 4 COMPLIANT EQUIPMENT. ALL POWER CONNECTIONS MUST BE MADE ACCORDING TO NEC/CEC CODE USING FLEXIBLE CONDUIT OR CABLE RATED FOR NEMA/TYPE 4 – NO RIGID CONNECTION PERMITTED.

STEP 3: Set 7501 tank bottom down on the blanket in the orientation shown.



STEP 4: Wrap the blanket up and over the 7501 tank and attach bottom Velcro closures.



STEP 5: Fold side flaps to over sides of tank using the Velcro to attach the edges together.



STEP 6: Pull open/down eyewash flap and yellow eyewash arm. Attach webbing loop around eyewash arm below eyewash heads.



STEP 7: Mount assembled eyewash and blanket in accordance with 7501/7501T/7501T240 installation instructions.

IMPORTANT SAFETY NOTICE

THE NATIONAL ELECTRICAL CODE REQUIRES GROUND-FAULT EQUIPMENT PROTECTION ON EACH HEATING CABLE BRANCH CIRCUIT. TO REDUCE THE RISK OF FIRE CAUSED BY DAMAGE OR IMPROPER INSTALLATION, CIRCUIT BREAKERS SUCH AS SQUARE D QO-EPD AND QOB-EPD OR EQUIVALENT, WITH A 30mA TRIP LEVEL, SHOULD BE USED. PLEASE SUBSTITUTE THESE BREAKERS WHEREVER REFERENCE IS MADE TO CONVENTIONAL BREAKERS IN THIS DOCUMENT. ALTERNATIVE DESIGNS PROVIDING COMPARABLE LEVELS OF GROUND-FAULT PROTECTION MAY ALSO BE ACCEPTABLE.

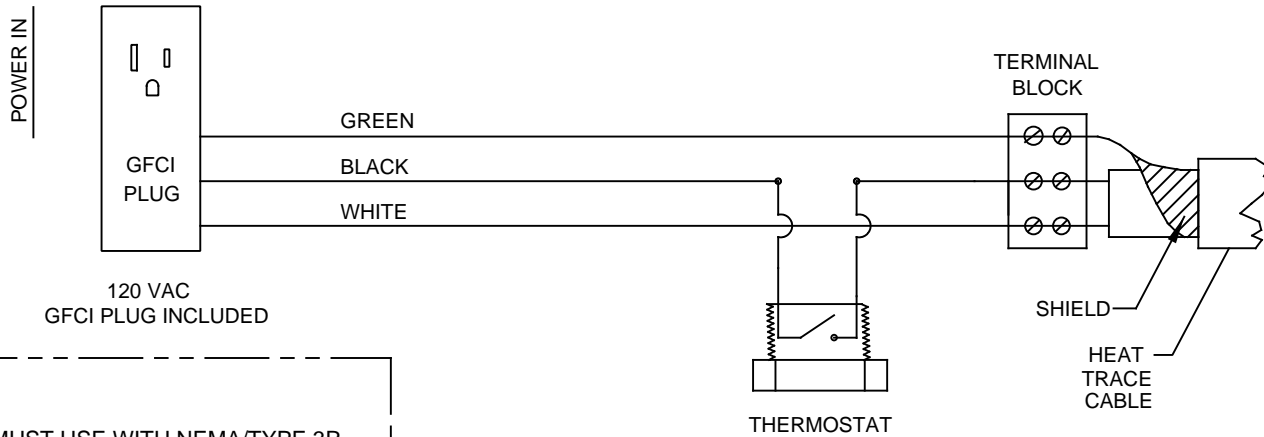
OPERATING INSTRUCTIONS

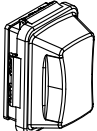
The 7501BL/7501BL240 can be connected to power year-round. The non-adjustable thermostat will shut off heat cable when air temperature rises to 82°-72°F (28°-22° C). Heat cycle will repeat when air temperature drops to between 62°-72°F (16°-22°C). Periodic check of water temperature of eyewash will confirm normal operating temperatures between 62°-95°F (16°-35°C).

Heat trace cable used on this blanket heats slowly and may take several hours to warm cold water into ANSI recommend temperature range of 60°F (15°C) to 100°F (38°C).

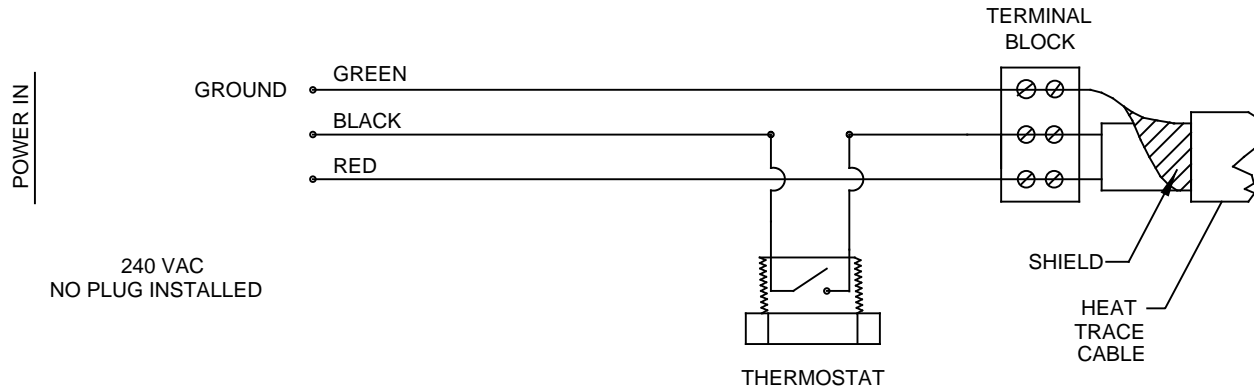
TROUBLESHOOTING	
PROBLEM	REPAIR CHECKLIST
1. Heat trace does not turn on.	1. a. Not plugged in or no power to plug. Check GFCI plug (7501BL only) and circuit breaker. b. If ambient temperature is high and doesn't allow the blanket temperature to drop below 67°F (19°C) the heater may not switch on. Heater settings are: Non-adjustable thermostat preset to switch on at 67°± 5°F (17°± 3°C) and switch off 77°± 5°F (25°± 3°C). Test the thermostat and heater function by applying ice thermostat for approximately 3-5 minutes. The heat trace cable should become warm to the touch when operating properly. Thermostat is located on junction box.
2. Eyewash water is above 100°F (38°C).	1. a. Ambient air temperature is above 100°F (38°C). Relocate eyewash out of direct sunlight or excess ambient temperature. b. Shut off electric power. All electric connections are made inside the junction box. Thermostat is mounted on the side of junction box. Disconnect thermostat leads from terminal block and wire nut in junction box. Check thermostat continuity: open circuit above 82°F (28°C), closed below 62°F (16°C). Thermostat is not adjustable and should be replaced if either of the continuity checks are incorrect. If unit is subject to freezing temperatures, temporarily disconnect thermostat and reconnect wiring to bypass thermostat and protect eye wash from freezing until replacement thermostat can be installed.

For more information on Haws products, see our website: www.hawsco.com



 FOR 7501BL: MUST USE WITH NEMA/TYPE 3R CERTIFIED COVERED OUTLET (NOT SUPPLIED).


**MODEL 7501BL
ELECTRICAL DETAIL**



**MODEL 7501BL240
ELECTRICAL DETAIL**

FOR MODEL 7501BL240:

1. CORD SET SHALL BE LISTED TO UL 817 AND CSA-C22.2 NO. 21 AND PROVIDED WITH 3 WIRE GROUNDING TYPE ATTACHMENT PLUG RATED 240 V, MIN. 15 A.
2. THE FLEXIBLE CORD TYPE SHALL BE TYPE S, SE, SJ, SJE, SJO, SJOO, SJT, SJTO, SJTOO, SO, SOO, ST, STO, OR STOO AND HAVE A TYPE LETTER SUFFIX OF "W," "W-A" OR "OUTDOOR."
3. THE CORD SET SHALL BE MIN. 6 FT IN LENGTH AND MIN 18 AWG SIZE FOR FLEXIBLE POWER SUPPLY CORD.
4. LISTED STRAIN RELIEF BUSHING SUITABLE FOR CORD SET SIZE AND OUTDOOR USE SHALL BE USED.
5. ALL POWER CONNECTIONS MUST BE MADE ACCORDING TO NEC/CEC CODE USING FLEXIBLE CONDUIT OR CABLE RATED FOR NEMA/TYPE 4 – NO RIGID CONNECTION PERMITTED. MODEL 7501BL240 REQUIRES MINIMUM NEMA/TYPE 4 COMPLIANT EQUIPMENT.
6. THE FIELD INSTALLED POWER SUPPLY CORD SET NEEDS TO BE INSTALLED BY QUALIFIED PERSONNEL.
7. ALL MODELS MUST HAVE A GROUND FAULT PROTECTION DEVICE (30mA GFEPD) FOR HEAT TRACE. ELECTRICAL CURRENTS MAY BE INSUFFICIENT TO TRIP A CONVENTIONAL CIRCUIT BREAKER. ALL INSTALLATIONS MUST BE INSTALLED IN COMPLIANCE WITH LOCAL, STATE, AND/OR FEDERAL CODES.

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				MODEL(S) 7501BL / 7501BL240 ELECTRICAL SCHEMATIC	
ECN NO. 5086	REVISED PER ECN: 5235	BY: MJ	DATE: 06/28/16	CHK'D: MJ	REVISION 3
APPROVED: MJ	DATE: 05/29/18	SCALE: 1:1	DRAWING TYPE: INSTALLATION	SIZE: A	SHEET 1 OF 1