



## JHE-GET Low-Profile End Seal Kit Instruction Manual



Read and understand this manual before installing, operating, or servicing this kit. Failure to understand these instructions could result in an accident causing serious injury or death. Only qualified personnel should install, operate, or service this kit.

### TABLE OF CONTENTS

Introduction .....	2
Safety Alert Symbol .....	2
Important Safety Instructions .....	3
Prior To Installation .....	4
Installation .....	6
Warranty Information .....	7

### INTRODUCTION

PT-JHE-GET durable corrosion resistant enclosures provide premium protection for your electrical end seal. Your PT-JHE-GET kit is designed to provide a long and efficient service life with function, reliability, and safety in mind.

PT-JHE-GET low-profile end seal kits are approved for use in non-hazardous area (ordinary) locations with low and mid-temp heating cable.

PT-JHE-GET low-profile end seal kits are CSA approved for use in hazardous area (Class I, Div 2; Class II, Div 2; Class III) locations with SLCBL series heating cable only.



### SAFETY ALERT SYMBOL

The symbol above is used to call your attention to instructions concerning your personal safety. It points out important safety precautions. It means **“ATTENTION! Become Alert! Your Personal Safety is involved!”** Read the message that follows and be alert to the possibility of personal injury or death.



Immediate hazards which **WILL** result in severe personal injury or death.



Hazards or unsafe practices that **COULD** result in severe personal injury or death.



Hazards or unsafe practices that **COULD** result in minor personal injury or property damage.

### SAVE THESE INSTRUCTIONS!

Additional copies of this manual are available upon request.

**IMPORTANT SAFETY INSTRUCTIONS**



**⚠ DANGER**

A person who has not read and understood all operating instructions is not qualified to operate this product.

**⚠ DANGER**

- Do not immerse end seal in liquid.
- Keep volatile or combustible material away from end seal when in use.
- Use end seal only in approved locations.
- Keep sharp metal objects away from end seal.

Failure to observe these warnings may result in electric shock, risk of fire, and personal injury.

**⚠ WARNING**

**End-User Must Comply to the Following:**

- Only qualified personnel are allowed to connect electrical wiring.
- Disconnect all supply power at the source before making any power connections.
- All electrical wiring must follow local electrical codes and highly recommend following NEC Article 427.
- The person who performs the final installation / wiring must be qualified for this work.
- The end-user is responsible for providing a suitable disconnecting device.
- The end-user is responsible for providing suitable electrical protection device. It is highly recommended that a ground fault circuit breaker be used.

Failure to observe these warnings may result in personal injury or damage to the product and/or property.

**AGENCY APPROVALS**

For SLCBL -BP, -BF Series only



Class I, Div. 2, Groups A, B, C, D  
Class II, Div. 2, Groups E, F, G  
Class III

Approvals valid only when installed in accordance with all applicable instructions, codes, and regulations.

**⚠ CAUTION**

- Inspect all components before use.
- Do not use end seal kit if any component is damaged.
- Do not repair a damaged or faulty component.
- Do not crush or apply severe physical stress on any component of system.
- Unit must be mounted away from vibration, impacts, water and corrosive gases.
- Do not operate end seal kit above rated temperature value.
- Fasten end seal kit to the pipe using approved methods only.

Failure to observe these warnings may result in personal injury or damage to the product and/or property.

**PRIOR TO INSTALLATION**

**Description**

- The PT-JHE-GET is designed for use with ProTherm low and mid-temp heating cables in ordinary locations.
- The PT-JHE-GET kit is approved by CSA for use in hazardous area locations with SLCBL series heating cable only.
- The PT-JHE-GET is installed on pipe under insulation and/or cladding.
- The PT-JHE-GET is rated NEMA 4X.

**Specifications**

- Maximum current: 32A
- Voltage: 110-120V, 208-277V
- Maximum Continuous Exposure Temperature (T5): 212°F (100°C)

**Tools and Materials Required**

- Wire cutter
- Screwdriver
- Needle-nose pliers
- Utility knife / Razor Blade
- Fiberglass Cloth Tape (PSAT36A)
- JHE-GET low-profile end seal kit

**Kit Includes**

Item	Qty	Description
A	1	Seal Plate for Main Box
B	1	Main End Seal Box
C	1	Grommet
D	1	Label



A



C



B



D

**⚠ WARNING**

- This component is an electrical device that must be installed correctly to ensure proper operation and to prevent shock or fire. Read these important warnings and carefully follow all of the installation instructions.
- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of BriskHeat certifications, and National Electrical Codes, Groundfault equipment protection must be used. Arcing may not be stopped by conventional circuit breakers.
- Component approvals and performance are based on the use of BriskHeat specified parts only. Do not use substitute parts or vinyl electrical tape.
- The black heating cable core is conductive and can short. It must be properly insulated and kept dry.
- Damaged bus wires can overheat or short. Do not break bus wire strands when scoring the jacket and core.
- Keep components and heating cable ends dry before and during installation.
- Bus wires will short if they contact each other. Keep bus wires separated.
- Use only fire-resistant insulation materials, such as fiberglass wrap or flame-retardant foam.

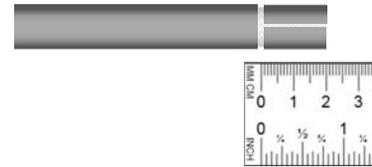
**INSTALLATION**

1. Install the Pressure Seal End then the Grommet onto the cable.



2. Carefully, lightly score/cut the outer jacket 3/4" (19 mm).

**CAUTION:** Do not cut the braiding.



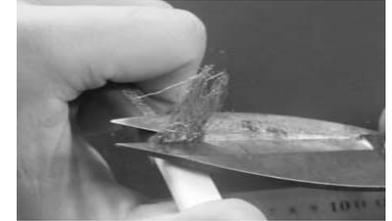
3. Slightly bend the cable where you made the cut and carefully strip the outer jacket from the heating cable.



4. Carefully cut-off 1/4"(6 mm) of one side of the heating element so that one bus wire is shorter than the other. This ensures the conductors do not short together. See image:



5. Remove excess braiding.



6. Insert the heating cable into the main box.



7. Install the grommet into cavity.
8. Install pressure seal end onto the main box by tightening screws.
9. Attach the Low Profile End Seal Box and heating cable to the pipe with fiberglass tape (PSAT36A).
10. Install insulation.
11. Install label on the outside of the insulation.
12. Give instruction to the owner/user.

## WARRANTY INFORMATION

ProTherm warrants to the original purchaser of this product for the period of eighteen (18) months from date of shipment or twelve (12) months from date of installation, whichever comes first. ProTherm's obligation and the exclusive remedy under this warranty shall be limited to the repair or replacement, at ProTherm's option, of any parts of the product which may prove defective under prescribed use and service following ProTherm's examination, is determined by ProTherm to be defective.



201 Pryor Creek Road, Suite 5, Lebanon, TN 37090  
Phone: (615) 834-4044 Email: [protherm@comcast.net](mailto:protherm@comcast.net)

[www.prothermind.com](http://www.prothermind.com)  
Buy Online [www.heatingelementsplus.com](http://www.heatingelementsplus.com)