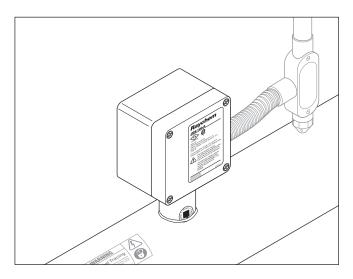


JBS-100-A, A6

Single Entry Power Connection with Junction Box Installation Instructions



APPROVALS



(JBS-100-A only*) Ex e IIC T* Gb (2) JBS-100-A is IECEx certified for use with: IECEx BAS 06.0043X IECEx BAS 06.0045X IECEx BAS 06.0044X IECEX BAS 06.0046X KTV-CT· VPL-CT: IECEx BAS 06.0048X

⁽¹⁾ Except VPL

* For system Temperature Code, see heating cable or design documentation. (2) Except KTV-CT

KIT CONTENTS

ltem	Qty	Description
A	1	Stand assembly
В	1	Core sealer
С	1	Green/yellow tube
D	1	Cable lubricant
E	1	Cable tie
F	1	Lid
G	1	Box with terminal blocks

DESCRIPTION

The nVent RAYCHEM JBS-100-A and nVent RAYCHEM JBS-100-A6 are NEMA 4X-rated power connection kit. It is designed for use with nVent RAYCHEM BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT and VPL-CT industrial parallel heating cables.

The JBS-100-A6 utilizes larger terminal blocks to accommodate up to 6 AWG power wires.

This kit may be installed at temperatures as low as -40° F (-40° C). For easier installation store above freezing until just before installation.

For technical support call nVent at (800) 545-6258.

TOOLS REQUIRED

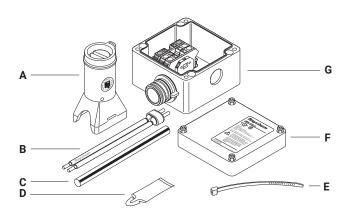
- · Wire cutters Utility knife
- Adjustable pliers
- Needle nose pliers
- · Large slotted screwdriver
- Marker • Wire stripper (for VPL-CT)
- 1/4 in or smaller flat-blade screwdriver

ADDITIONAL MATERIALS REQUIRED

- Pipe strap
- GT-66 or GS-54 glass cloth tape

OPTIONAL MATERIALS

- Recommended conduit drain: JB-DRAIN-PLUG-3/4IN P/N 278621-000
- Small pipe adapter for 1 in (25 mm) and smaller pipes: Catalog number JBS-SPA P/N E90515-000



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.

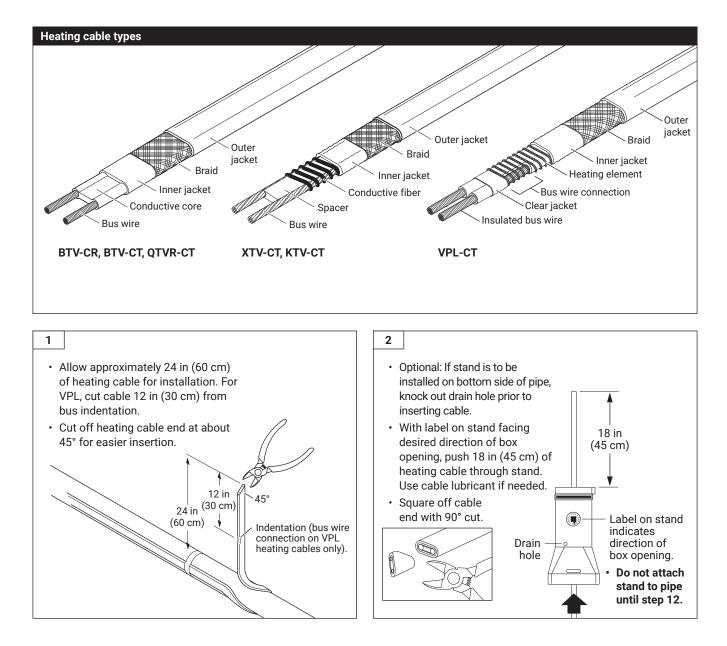
- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of nVent, agency certifications, and national electrical codes, ground-fault equipment protection must be used. Arcing may not be stopped by conventional circuit breakers.
- Component approvals and performance are based on the use of nVent-specified parts only. Do not use substitute parts or vinyl electrical tape.
- The black heating cable core and fibers are conductive and can short. They must be properly insulated and kept dry.
- Damaged bus wires can overheat or short. Do not break bus wire strands when scoring the jacket or core.
- Keep components and heating cable ends dry before and during installation.
- Use only fire-resistant insulation materials, such as fiberglass wrap and flame-retardant foam.

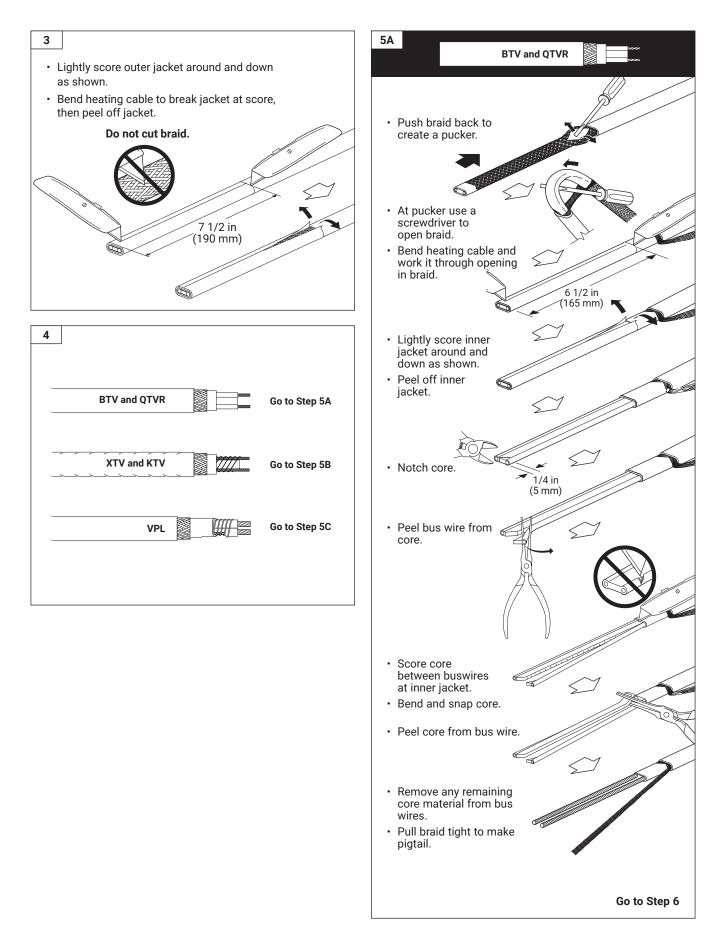
▲ CAUTION:

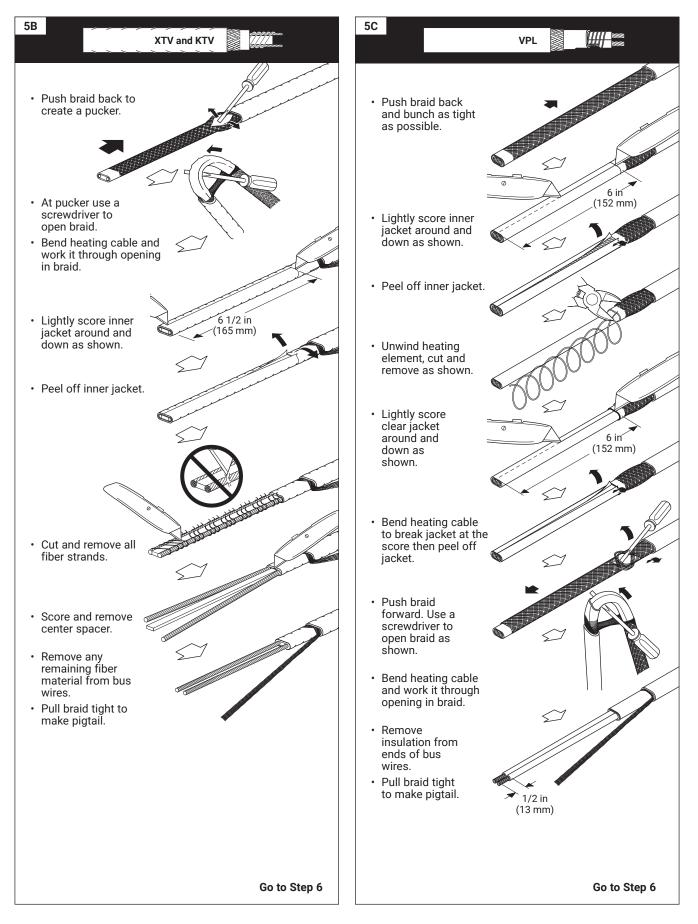
HEALTH HAZARD: Prolonged or repeated contact with the sealant in the core sealer may cause skin irritation. Wash hands thoroughly. Overheating or burning the sealant will produce fumes that may cause polymer fume fever. Avoid contamination of cigarettes or tobacco. Consult MSDS VEN 0058 for further information.

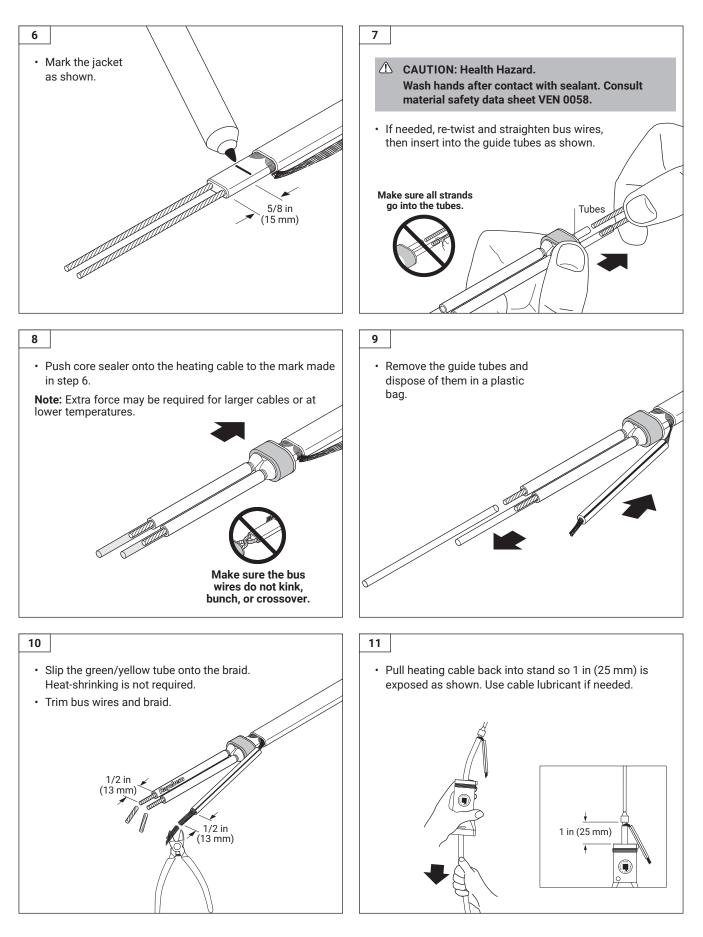
CHEMTREC 24-hour emergency telephone: (800) 424-9300

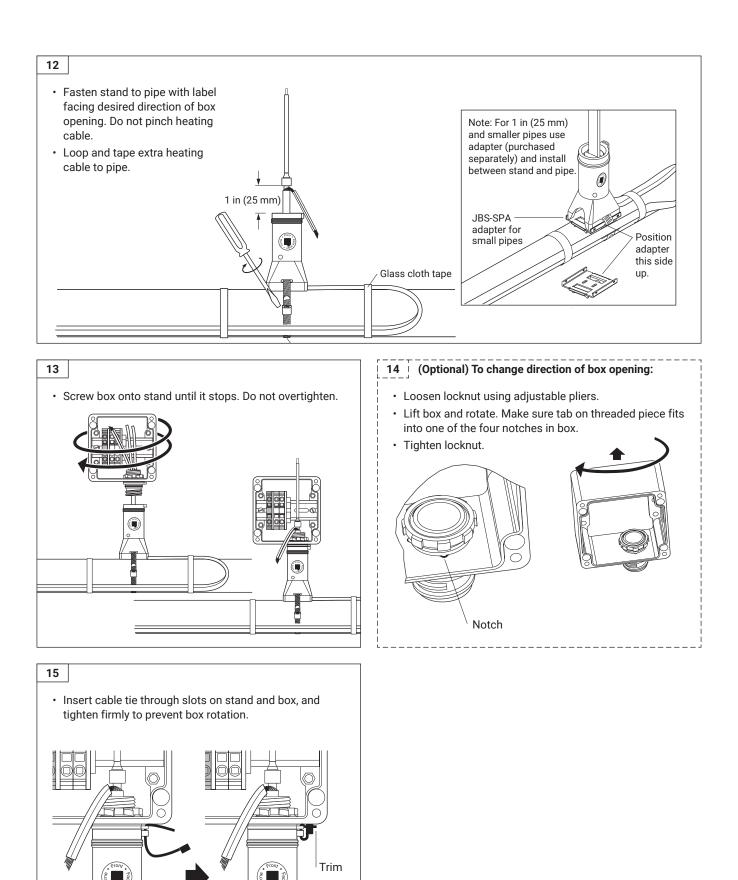
Non-emergency health and safety information: (800) 545-6258.



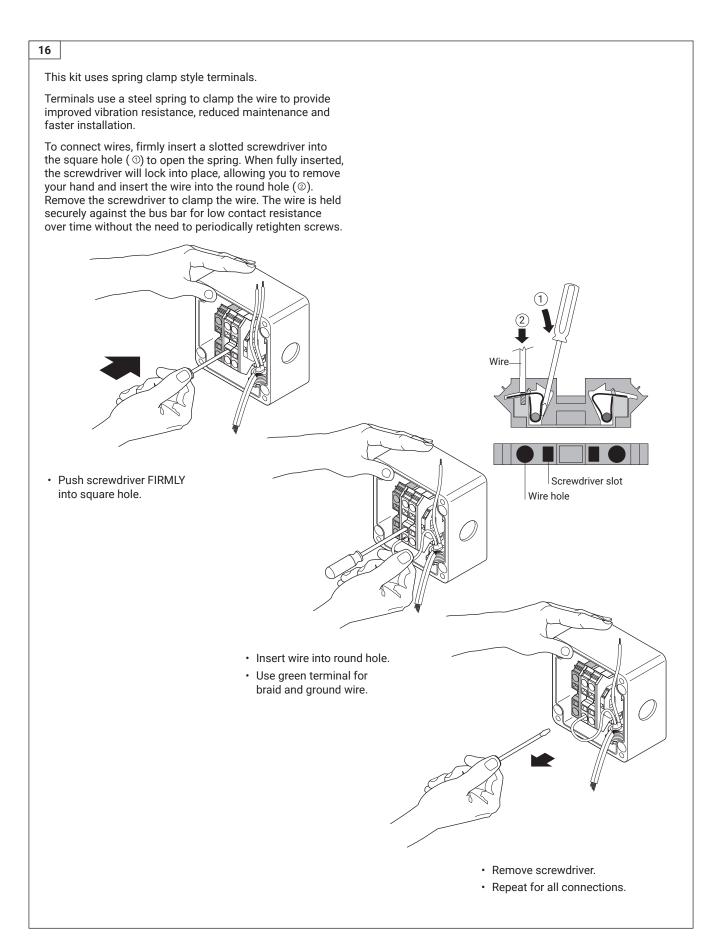


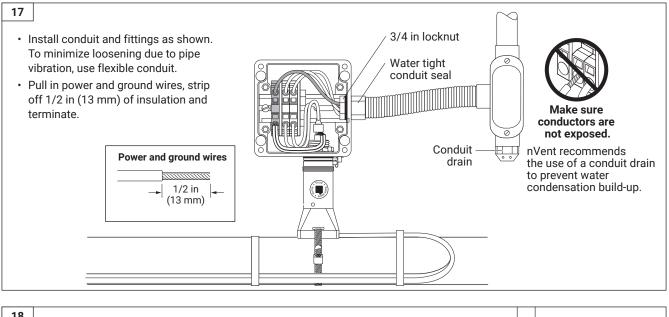


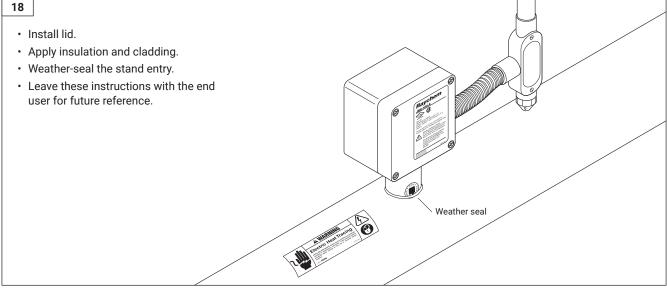




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