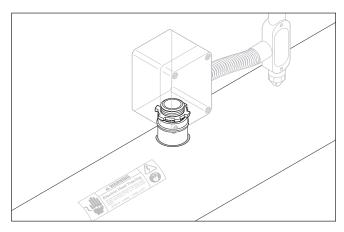


RAYCHEM

JS-100-A

Junction Box Stand Installation Instructions



APPROVALS

Hazardous Locations



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



KIT CONTENTS

Item	Qty	Description
A	1	Stand assembly
В	1	Cable lubricant
С	1	1 in locknut
D	1	Terminal block
E	1	Cable tie
F	1	Green/yellow tube
G	1	CS-100 cold applied core sealer
Н	1	JS-100 transition

DESCRIPTION

The nVent RAYCHEM JS-100-A is a Single Entry Power Connection Transition kit. It is designed for use with RAYCHEM BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT, and VPL-CT industrial parallel heating cables. The kit is NEMA 4X rated only when used with an appropriate junction box.

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

- Utility knife
- Needle nose pliers
- Large slotted screwdriverMarker
- Wire cutters
- Wire stripper (for VPL)
- · 3/16 in or smaller slotted screwdriver
- · Two pair channel lock pliers

ADDITIONAL MATERIALS REQUIRED

- Pipe strar
- · GT-66 or GS-54 glass cloth tape
- NEMA 4X rated junction box with 1 in NPS threaded entry or through hole

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



MARNING:

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.

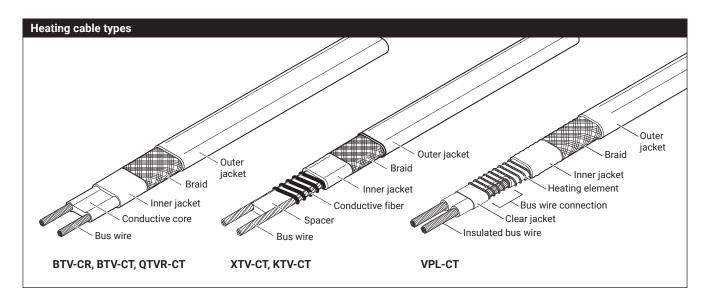
- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with the requirements of nVent, agency certifications, and national electrical codes, ground-fault equipment protection must be used. Arcing may not be stopped by conventional 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 or flame-retardant foam.

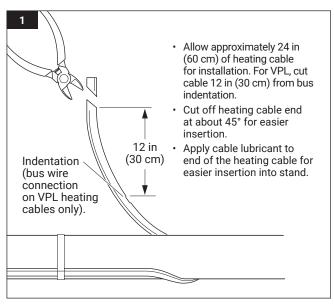
CAUTION:

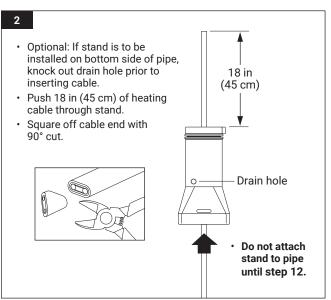
HEALTH HAZARD: Prolonged or repeated contact with the sealant in the core sealer may cause skin irritation. Wash hands thoroughly. Overheating or burning the sealant will produce fumes that may cause polymer fume fever. Avoid contamination of cigarettes or tobacco. Consult MSDS VEN 0058 for further information.

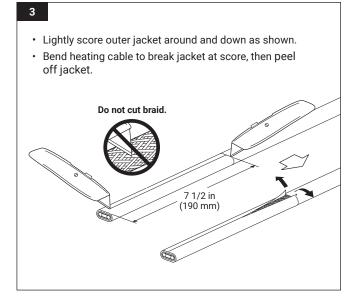
CHEMTREC 24-hour emergency telephone: (800) 424-9300

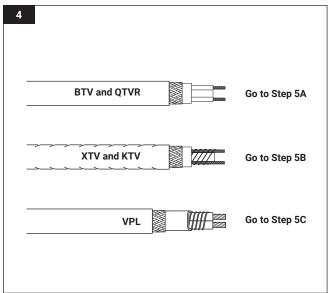
Non-emergency health and safety information: (800) 545-6258.

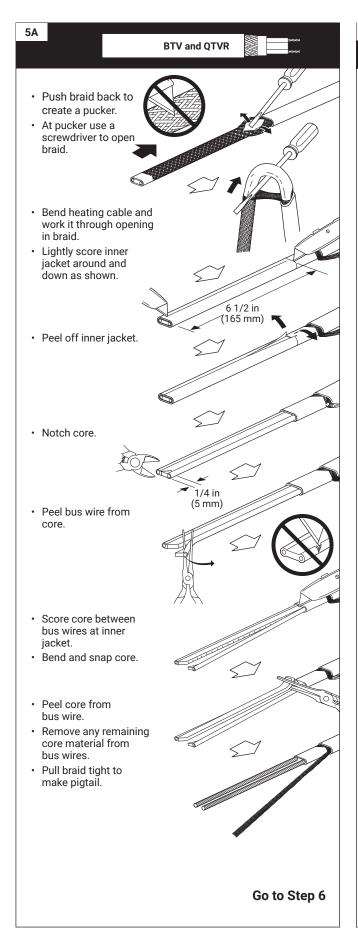


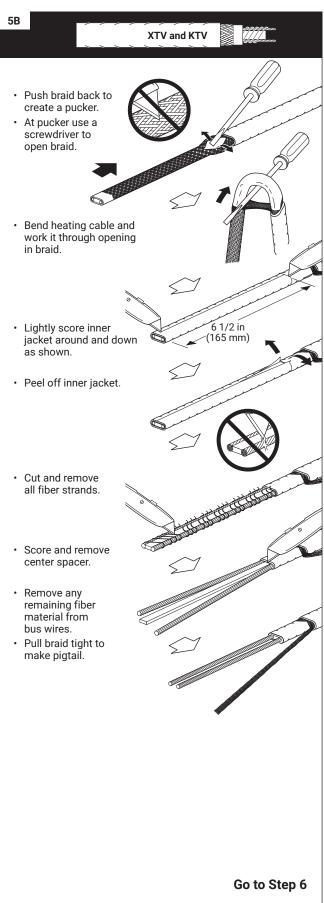


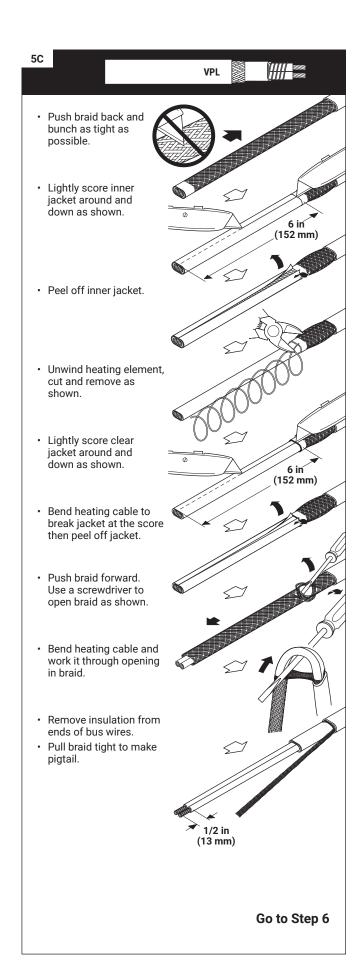


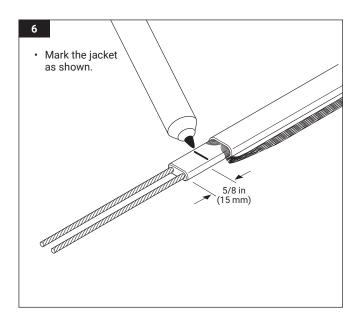


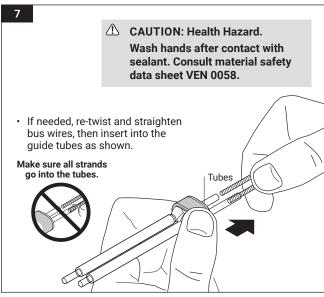


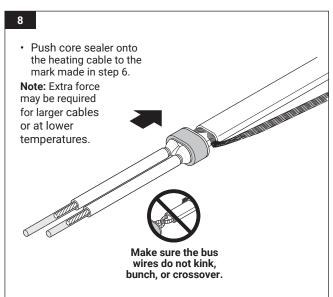


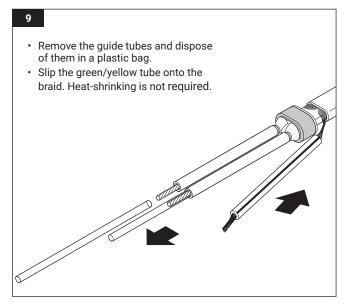


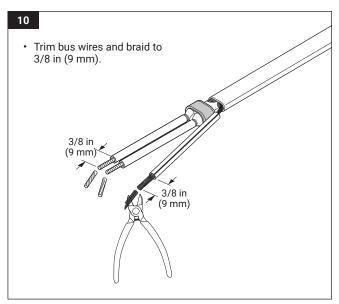


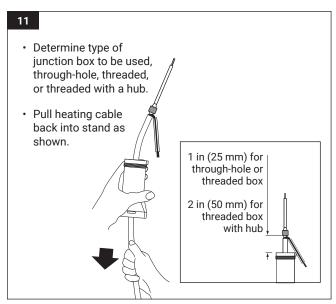


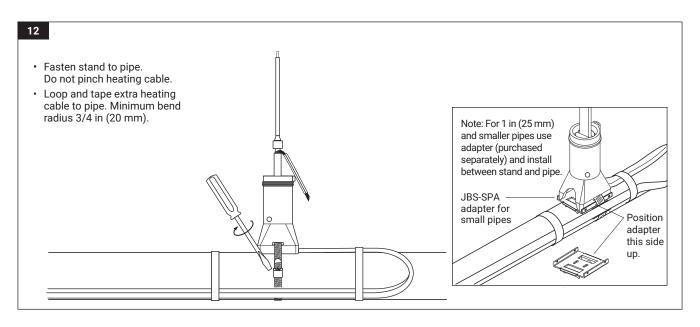


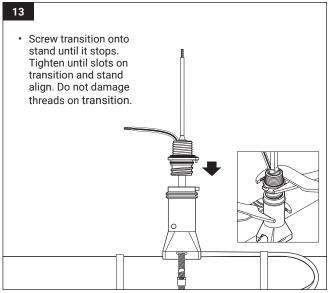


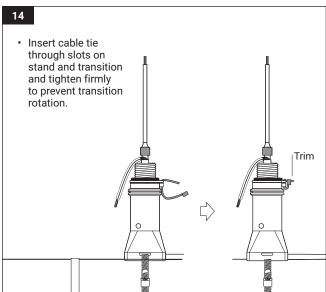


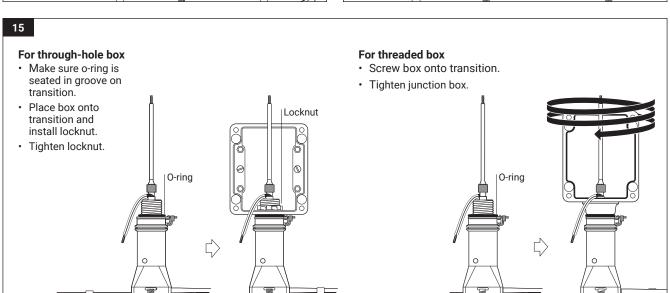


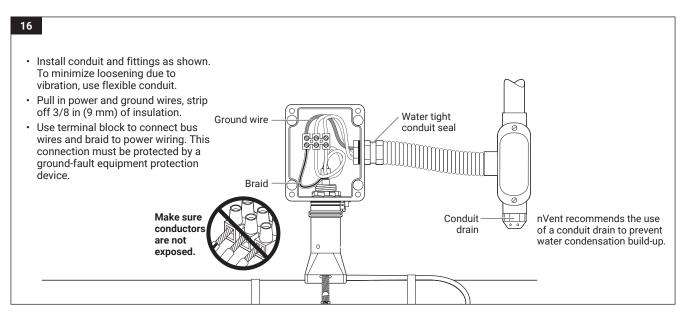


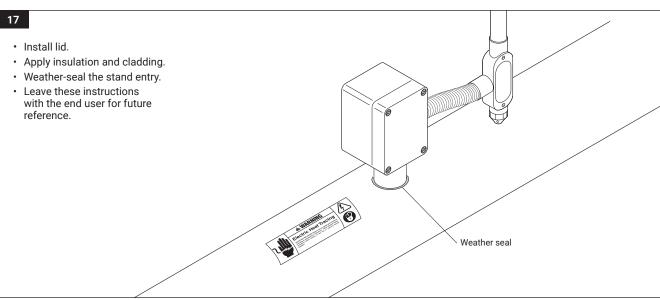












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