



# Spare Parts Kit Bulletin

SPK-2

## Type K To Type N Thermocouple Feed-Thru Conversion Kit For VFS Models



*6" or 8" flange with T/C feed-thru gets mounted under the electrical box and the final outcome is a nice neat installation with no wires to get in your way.*

If you're looking to convert from Type K to Type N thermocouples, we have made your life a lot easier with our new Type K to Type N conversion kit for VFS furnace models.

### COMPONENTS & PRICE:

Type K to Type N thermocouple feed-thru conversion kit includes the following items:

- 1 Type N 12-point jack panel
- 1 thermocouple mounting plate
- 1 o-ring for thermocouple mounting plate
- 1 o-ring vacuum grease
- 1-12 pair Type N thermocouple feed-thru
- 7 ft ceramic tubing to help protect wiring in furnace chamber
- Pipe sealant, electrical box, hardware, terminal block and DIN rail
- 50 ft of Type N extension wire is included in kit

**Contact an Ipsen representative for pricing.**

**Note:** Double check your Type N extension wire distance run before ordering the kit. Additional lengths are available at an additional cost.

See back page for installation instructions.

## INSTALLATION GUIDELINES:

1. Take the 6" or 8" flange, place it on the electrical box and use it as a template to mark four corner holes and one center hole for mounting, then drill the holes into the electrical box.
2. Install the 6" or 8" flange with the new O-ring with a small amount of O-ring vacuum grease and bolt on new flange minus 4 corner bolts.
3. Put pipe sealant on new feed-thru.
4. Carefully feed wire through flange and tighten threads.
5. Slide ceramic tubing sleeve (mesh) over wire that is being fed into chamber of furnace.  
**Helpful Tip:** Place a piece of conduit over the wire and slide the ceramic tubing over the conduit, then slide the conduit out leaving the ceramic tubing sleeve (mesh) placed neatly over the wire.
6. Wire to jack panel inside furnace.  
**Note:** Be sure to observe correct polarity when connecting thermocouples/extension wires. Type N polarity is Orange (+) (nonmagnetic wire) & Red (-) (nonmagnetic wire).
7. Install jack panel.
8. Install box over flange using the (4) 6" 3/4-10 allthread along with washers and nuts that are provided in the kit.
9. Install terminals in box and wire.
10. Feed new cable to terminals.
11. Wire cable to terminals in new box and inside cabinet.

