



**HVAC** installation  
SOLUTIONS

## NoKink™

Flexible refrigerant line connector  
for ductless mini-split systems



- Eliminates kinking of copper refrigerant tubing when wall-mounting mini-split evaporators.
- 3' and 6' lengths • Easy flaring • Quick connection



## Flexible mini-split refrigerant line connector

Code	Description	Qty.
66731	1/4" x 3' flex hose	4
66733	3/8" x 3' flex hose	4
66737	1/2" x 3' flex hose	4
66735	5/8" x 3' flex hose	4
66732	3/4" x 3' flex hose	4
66734	7/8" x 3' flex hose	4
68231	1/4" x 6' flex hose	4
68233	3/8" x 6' flex hose	4
68235	5/8" x 6' flex hose	4
68237	1/2" x 6' flex hose	4

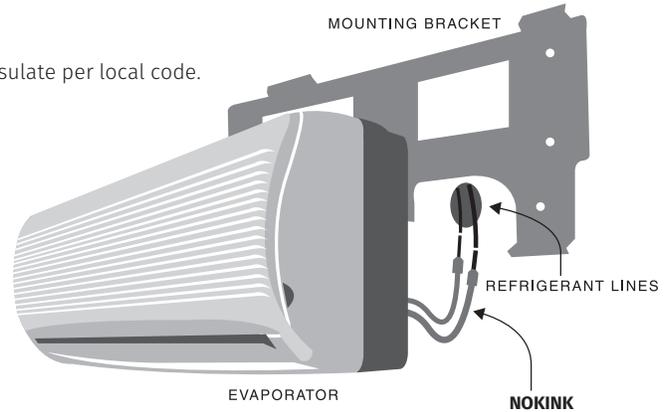


### FEATURES

- Eliminates kinking of refrigerant line
- Stainless steel internal piping and jacketing
- 3" copper stubs allow for easy flaring and quick connections

**Application** • Corrugated stainless steel flexible piping, protected with woven stainless steel jacketing, connects evaporator units to linesets quickly and easily • Eliminates kinking of refrigerant line and leaks • Allows for ease of future maintenance • UL listed for R410A • 1/4", 3/8", 1/2", 5/8", 3/4" and 7/8" sizes available in 36" lengths • 1/4", 3/8", 1/2" and 5/8" sizes available in 72" lengths

**NOTE:** Insulate per local code.



## Installation instructions

Product Code	NoKink Dia/Length	Equivalent Length of Copper Tubing	Max. Design Pressure (psig)
66731	1/4" x 3'	7.7' (EL)	800
66733	3/8" x 3'	7.9' (EL)	800
66737	1/2" x 3'	5.1' (EL)	600
66735	5/8" x 3'	3.7' (EL)	500
66732	3/4" x 3'	4.6' (EL)	500
66734	7/8" x 3'	5' (EL)	450
68231	1/4" x 6'	12' (EL)	800
68233	3/8" x 6'	10.1' (EL)	800
68237	1/2" x 6'	10.1' (EL)	600
68235	5/8" x 6'	8.4' (EL)	500

**(1)** Attach the RectorSeal **NoKink** connector to the refrigerant line in the mini-split evaporator unit using either silver solder or flaring. **⚠ WARNING** The excessive heat during soldering or brazing could damage the **NoKink** hose and cause a leak. A heat blocking product, such as Hot Block, shall be used during soldering or brazing to protect the **NoKink** hoses. **(2)** Pull the in-wall copper refrigerant line through wall opening and attach it to the other end of the **NoKink** connector. Refrigerant seal products, such as FlareTite, can be used to prevent connection leaks if the connection is flare fitted. **(3)** Feed the in-wall copper refrigerant line and flexible **NoKink** connector back up into the wall opening, and mount the evaporator to the mounting bracket.

◀ **Use the Equivalent Length column in the chart to calculate NoKink flexible hose refrigerant capacity when determining proper charging of the system.**

EXAMPLE: If the copper lineset length measures 33 linear feet, and the NoKinks used are 1/4" x 3' and 1/2" x 3'

First, average the equivalent lengths (EL) of both NoKinks:

$$1/4" \times 3' \text{ NoKink} = 7.7' \text{ (EL)}$$

$$1/2" \times 3' \text{ NoKink} = 5.1' \text{ (EL)}$$

$$\text{Average} = 6.4' \text{ (EL)}$$

Next, add 6.4' (EL) to the 33 linear feet of copper lineset.

$$\text{Total lineset length} = 39.4'$$

Then, use the total lineset length (in this case, 39.4') when referring to manufacturers specifications to calculate the amount of additional refrigerant that may be needed for proper charging.

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