

# MRCOOL® NO-VAC COUPLER

FOR THE UNIVERSAL QUICK-CONNECT® LINESET

When one standard size **NO-VAC® QUICK CONNECT® LINE SET** is not long enough, two standard **QUICK CONNECT® LINE SETS** can be combined using our **NO-VAC® COUPLER** to increase the desired length of the **QUICK CONNECT® LINE SETS**.

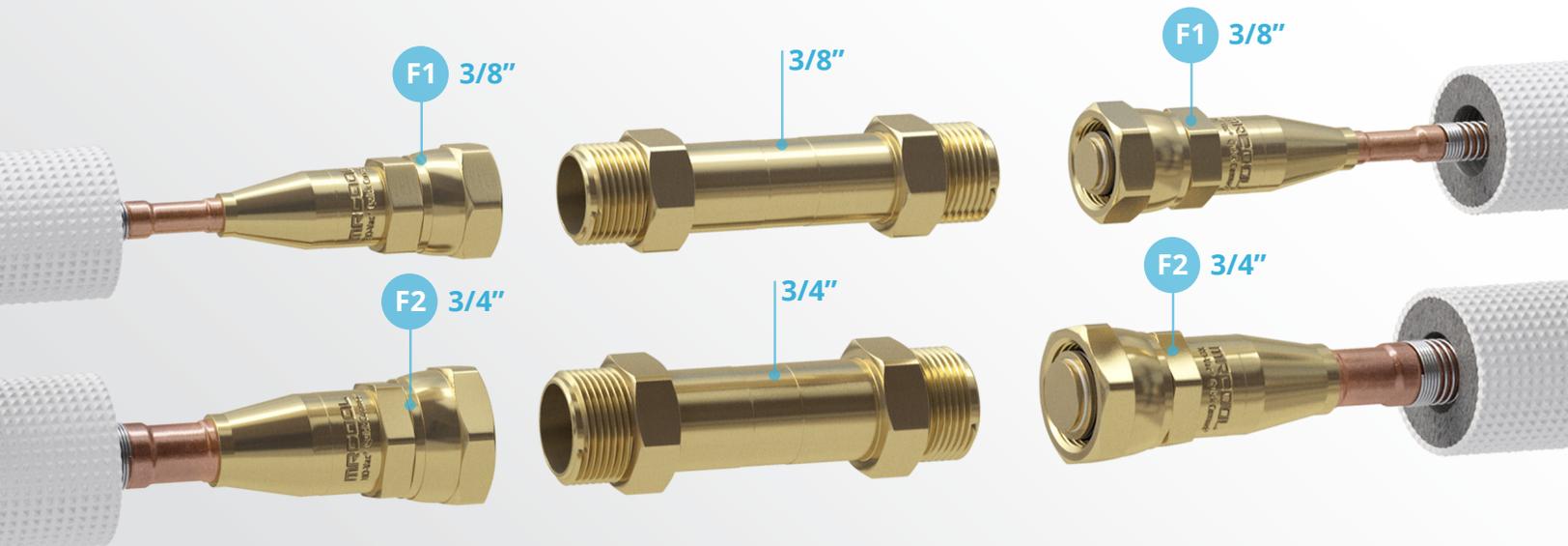


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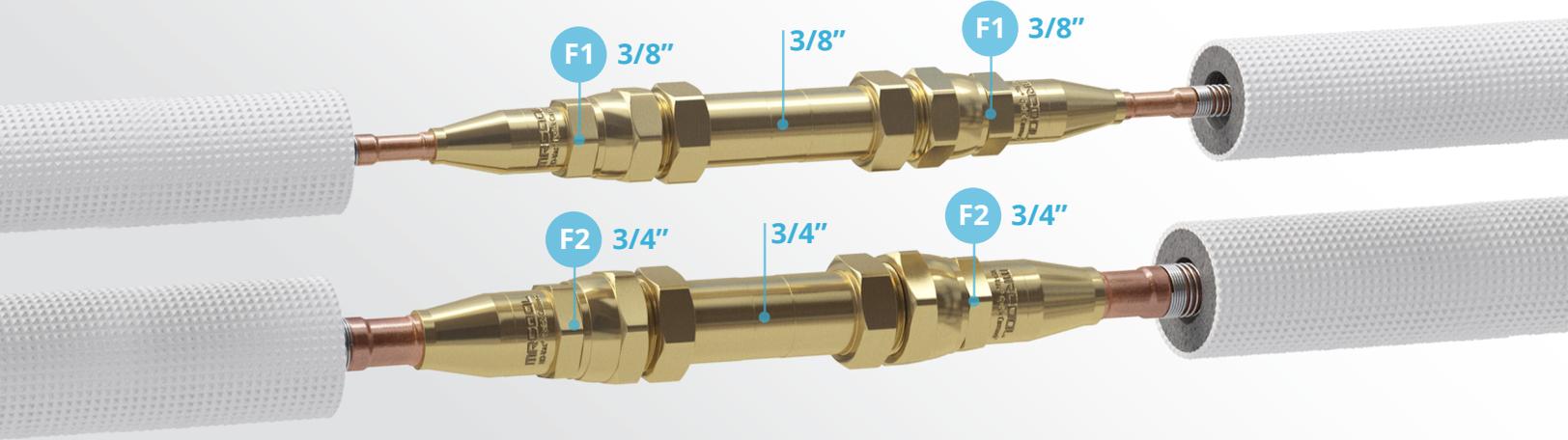
NVCOUPLER-38

## PLEASE READ CAREFULLY AND FOLLOW THE INSTRUCTIONS BELOW:

- 1 Select the **No-VAC® QUICK CONNECT® LINE SET** size to be lengthened ( $\frac{3}{8}$  or  $\frac{3}{4}$ ). Then select the second standard line set with corresponding specifications for combined connection using the coupler (as shown below).



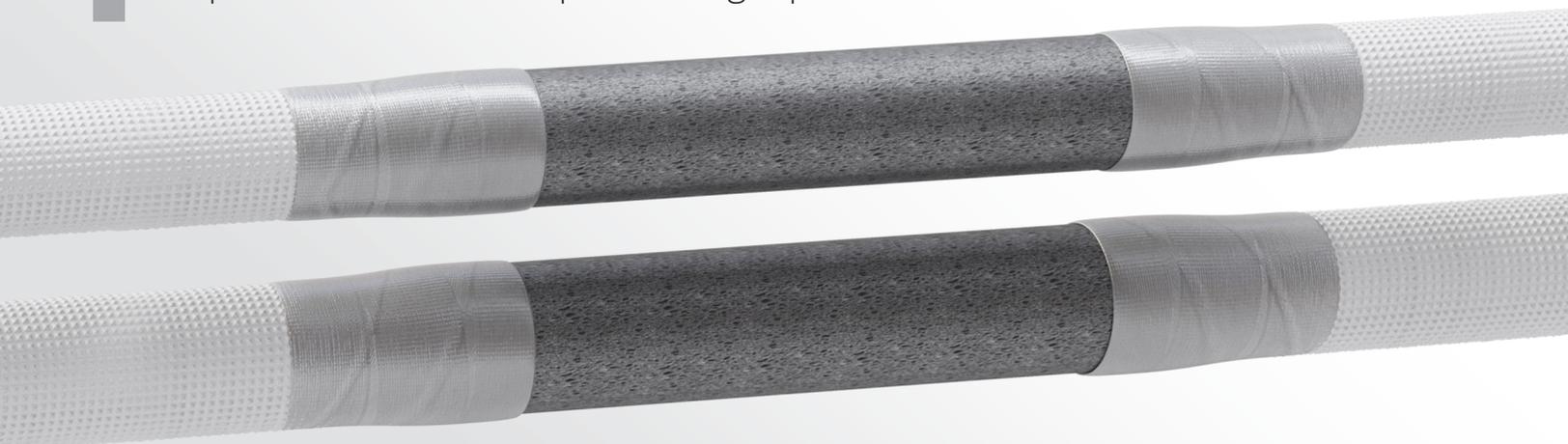
**2** Use a wrench to assemble the coupler with both F1 and F2 on the corresponding lineset. Make sure the **thread is screwed** to the bottom until it **stops** (as shown below).



**3** After the connection is complete, **cover** the F1, F2, and coupler connections with the **grey insulating sleeve** to help prevent condensation (as shown below).

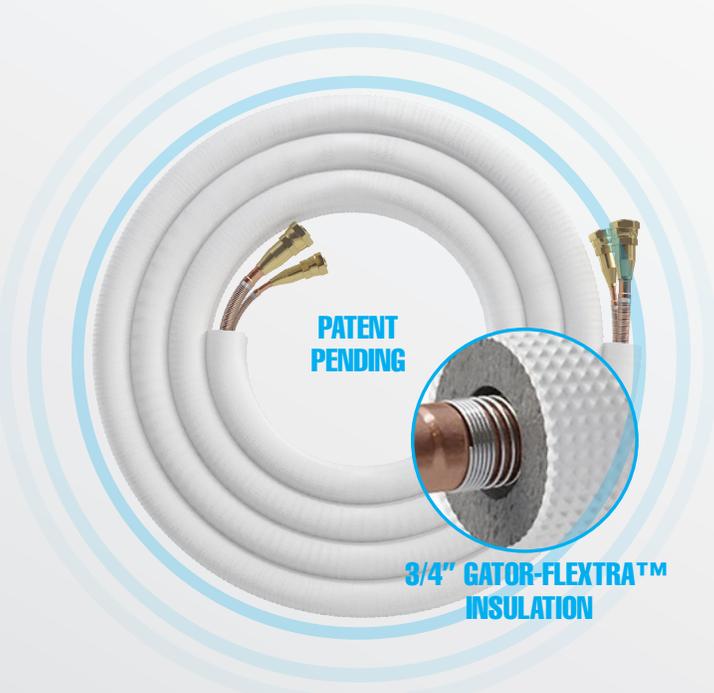


**4** Slide the insulation sleeves together ensuring no copper wiring is exposed and secure in place using tape.



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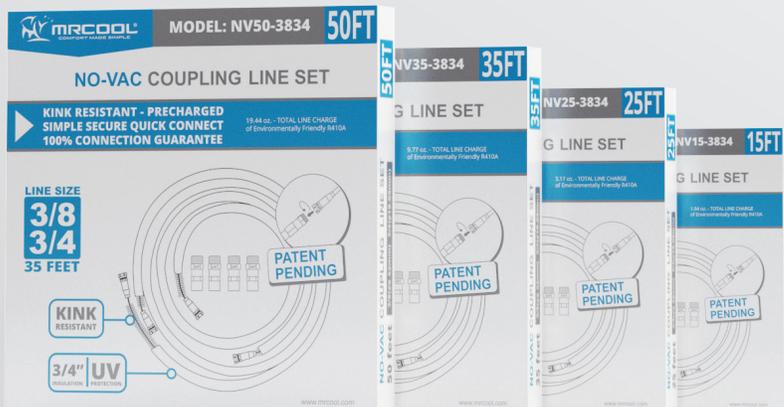
# NO-VAC<sup>®</sup> QUICK CONNECT<sup>®</sup> FACTORY CHARGED LINE SET



- Kink Resistant for Easier Bending During Installation
- 100% Accurately Precharged R410A Refrigerant

15 FT	25 FT	35 FT	50 FT
1.94 OZ	3.17 OZ	9.77 OZ	19.44 OZ

- Simple to Use Screw-on Quick Connect Valves
- Line sizes 3/4" and 3/8"
- Leak Proof
- No Vacuum Needed
- Quicker Installation than Conventional Linesets By Saving 7 Installation Steps
- Strong 3/4" Gator-Flextra™ UV Protective Insulation Sleeve provides extra protection against sun damage, weather erosion, or destruction from animals/rodents



**Lengths Available:**  
15FT, 25FT, 35FT, 50FT

\*Only for use with MRCOOL<sup>®</sup> Universal Series



The **MRCOOL® No-Vac® Quick Connect® Line Set** is intended for use with the **MRCOOL® Universal Condensers** and **MRCOOL® Universal Air Handlers**.



When one standard size **No-Vac® Quick Connect® Line Set** is not long enough, two standard **No-Vac® Quick Connect® Line Sets** can be combined using a coupler to increase the desired length of the line sets.

- 1** Choose the **MRCOOL® No-Vac® Coupler** size that matches the size of your Standard Line Sets.
- 2** Use a wrench to assemble the line sets on each side of the coupler making sure the thread is screwed tightly at the bottom until it stops.
- 3** After all pieces are securely connected, cover the connections with the provided grey insulation sleeve to prevent condensation.
- 4** Slide all insulation sleeves together ensuring no copper wiring is exposed and secure in place with tape.



**COUPLINGS FIT TWO NO-VAC® QUICK CONNECT® LINESETS TOGETHER**

\*Only for use with  
MRCOOL® Universal Series

[WWW.MRCOOL.COM](http://WWW.MRCOOL.COM)

# INSTALLATION NOTICE FOR NO-VAC™ QUICK CONNECT® LINE SET

KINK RESISTANT, PRECHARGED, SIMPLE SECURE QUICK CONNECT, 100% CONNECTION GUARANTEE

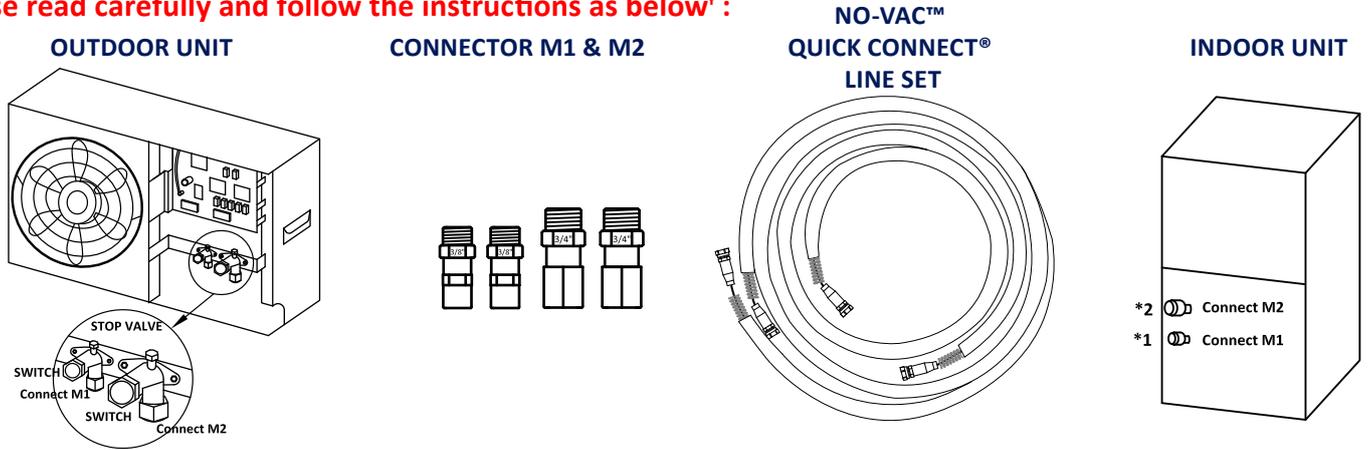
NO-VAC™ QUICK CONNECT® LINE SETs allow you to connect indoor and outdoor units simpler, faster and safer.

NO-VAC™ QUICK CONNECT® LINE SETs are anti-kink and pre-charged with refrigerant; suitable for most MRCOOL® installations.

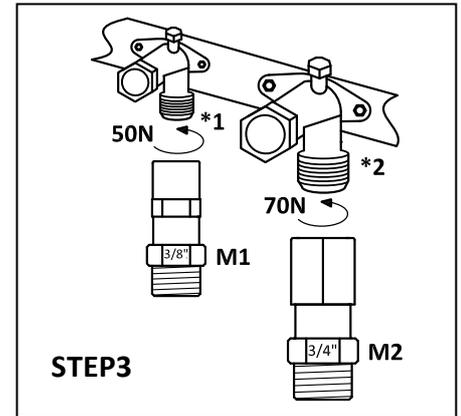
NO-VAC™ QUICK CONNECT® LINE SETs are a double-sealing system with a unique automatic safety valve that releases the refrigerant only when the indoor and outdoor equipment is connected and sealed, thus avoiding any risk of leakage.

NO-VAC™ QUICK CONNECT® LINE SETs - no need to vacuum, no need to add refrigerant.

**Please read carefully and follow the instructions as below† :**



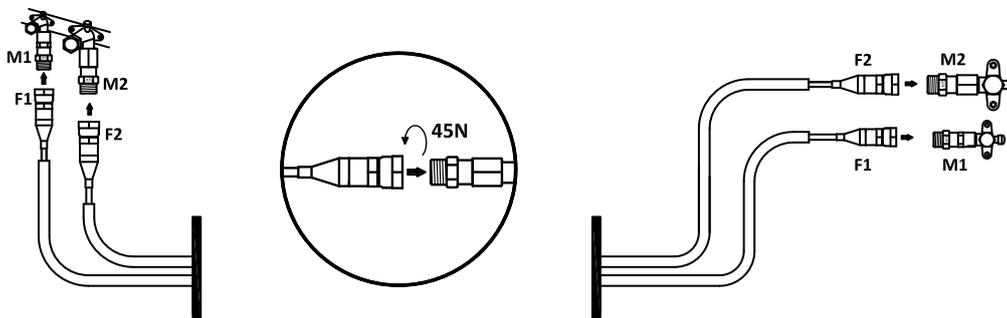
1. Take out matching male connectors M1 and M2.
2. **Remove** protective cap with the copper gasket at each stop valve on the condenser and ensure the threads are clean and complete.
3. **Tighten the M1 connector to the stop valve \*1** with a tightening force of 50N. **Tighten the M2 connector to the stop valve \*2** with a tightening force of 70N.
4. **Repeat** step 3 for **INDOOR UNIT** at the other end of the **LINE SET**.
5. Unroll and route the **LINE SET** between the **INDOOR UNIT** (Handler) and the **OUTDOOR UNIT** (Condenser).
6. **Remove** the protective caps of the valves at both ends of the **LINE SET**. Verify that all threads are clean and complete.
7. **Tighten the LINE SET F1 valve to the M1 Connector** (attached in step 3) with a force of **45N**. **Tighten the LINE SET F2 valve to the M2 Connector** (attached in step 3) with a tightening force of **45N**.
8. **Repeat** this process for the **INDOOR UNIT** at the other end of the **LINE SET**.



**Connections must be made exactly as specified to avoid system leaks and /or damage**

**F1 to M1: Smaller connection (3/8")**

**F2 to M2: Larger connection (3/4")**



9. At the **OUTDOOR UNIT** **remove the protective cap** at the **stop valve switch** and **open the stop valve** with a hex wrench to run the refrigeration circuit. **If there is any fizz, grease or other leakage, close the valve immediately and check that steps 3 and 7 were done properly. Otherwise, immediately apply soapy water for micro-leakage detection. Soak the joints using a sponge or spray bottle. If any bubbles form, close the valve immediately and check that steps 3 and 7 were done properly.**
10. **After the correct connection, re-tighten the stop valve's protection cap and cover the M1, M2 and F1, F2 connections with the grey insulating sleeve to help prevent condensation.**

†Failure to follow the instructions provided could result in severe harm to you, this product, or other property. The manufacturer, distributor, and seller are not responsible for any harm resulting from the failure to follow instructions and the failure to follow these instructions will void any and all warranties express or implied.