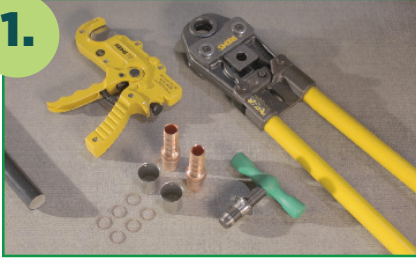


Congratulations! You have chosen a faster, more efficient way to install an air conditioning line-set. Note that proper installation is essential to ensuring longevity of the equipment on which this product is being installed. We have provided specific information regarding the brazing procedure and pressure testing figures. Please ensure to adhere to these guidelines for ease of installation and warranty purposes.

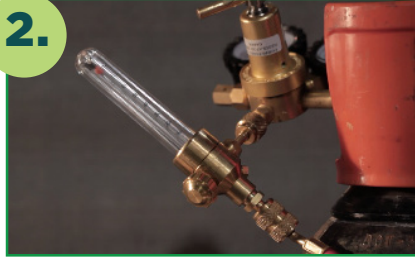
1.



Conduct an inventory of tools and materials required to complete installation.

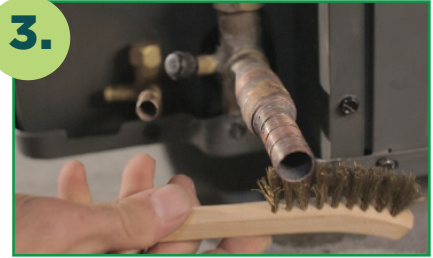
- YogaPipe Approved Pipe Cutter
- YogaPipe Fittings
- YogaPipe Approved Crimping Tool
- YogaPipe Approved Reamer

2.



Determine which fitting is suitable for your application. Using refrigeration best practices (pre-cleaning and nitrogen shielding), braze selected fittings to both coil and condensing unit.

3.



Inspect completed brazed connection for potential leak points. *NOTE: Re-brazing will not be possible once pipe crimp connection is completed. Clean barbed surface of fitting with wire brush to ensure clean pipe contact area.*

4.



Carefully roll o-rings into the recessed grooves on the fitting body. Start with the first groove and work towards the back of the fitting as o-rings will roll over rings already seated in the grooves. Lightly spinning the o-rings will ensure they are not twisted and are properly in place.

5.



Snap the plastic isolation collar onto stainless steel crimping sleeve. Ensure three inspection holes are at the end closest to the isolation collar.

Push collar and sleeve assembly onto fitting body. The plastic collar will make an audible "snap" when properly installed. Spin lightly to ensure correct seating of collar/sleeve assembly.

6.



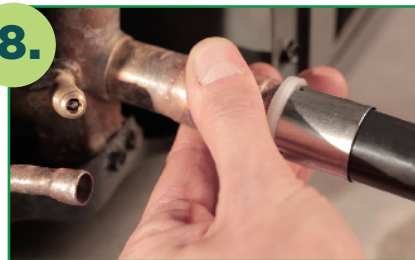
Using a blade-style pipe cutter, make a square cut. Be careful to minimize pipe distortion. Manually remove any burrs or debris from pipe end if present. *NOTE: If not using pre-insulated YogaPipe ACR, YogaPipe must be insulated as per code.*

7.



In preparation for installing the pipe onto the fitting assembly, reaming is required. Insert reamer into pipe end. Turn reaming tool 3-5 rotations with enough force to cut a bevel into pipe end. Remove the reamer and inspect pipe end. Remove shavings if present.

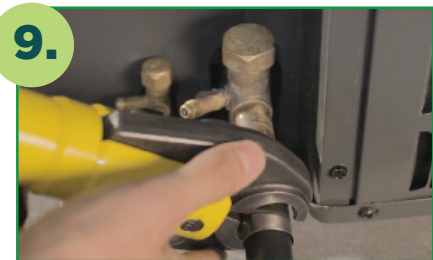
8.



Push pipe onto fitting and into sleeve until pipe is visible through inspection windows in the stainless steel sleeve.

PRO TIP: Light lubrication of o-rings on 7/8" fittings will assist with ease of installation of larger sizes. Use only approved compatible lubricant-International Products Corporation P-80 RediLube.

9.



Ensure proper sized crimping head is selected. Open jaws and place over stainless steel crimp sleeve, positioning tightly against the plastic isolation collar. Keeping the tool perpendicular to the fitting and properly positioned, complete crimp using manual or power crimping tools. Ensure that the jaws of the crimping tool come together completely.

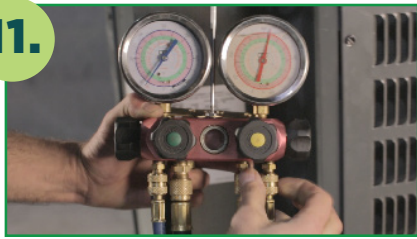
NOTE: Re-brazing will not be possible once pipe crimp connection has been completed. Clean barbed surface of fitting with wire brush to ensure clean pipe contact area.

10.



Remove tool from crimped connection. Inspect for three circumferential indentations on stainless crimping sleeve.

11.



After completing the crimp, pressure testing procedures should be followed to check for leaks. As per ASHRAE guidelines, a proper vacuum should be performed to ensure system is free of moisture and contaminants. *PRO TIP: Due to tolerances involved in crimped fitting connection, it is recommended to pressure test to 400 psi on air conditioning-only systems and 600 psi on heat pumps to identify leaks immediately.*

TO NOTE:

It is important that a proper vacuum is pulled and that the system is pressure tested to detect leaks immediately. As with any R-410a system, introduction of air and contaminants can lead to premature failure of equipment and potentially the pipe itself. When installed correctly you can be assured of a line set system that will meet and exceed the performance standards of a traditional line set.

WORKING PRESSURE & TEMPERATURE:

YogaPipe is only suitable for use in applications that are designed to operate with working pressure of 580 psi, maximum pressure 650 psi and a Working Temperature of -40 F to 203 F. Use with higher pressure or temperature voids the warranty and increases the chance of bursting.

REFRIGERANT COMPATIBILITY:

YogaPipe is only approved for use under ICC-ES PMG-1409 with R22, R32, R134a, R404a, R407c, R410a and R507

INSTALLATION REGISTRATION WITH QR CODE:



				LIQUID LINE AT 105 DEGREES F			
Pipe Size (inches)	Inner (inches)	Flow Area (Sq. In)	Outer (inches)	Lb charge /ft	Lb charge /35 ft	Lb charge /50 ft	Lb charge /100 ft
1/4"	0.267	0.056	0.472	0.0227	0.7943	1.1348	2.270
3/8"	0.337	0.089	0.551	0.0362	1.2655	1.8078	3.616
1/2"	0.429	0.145	0.630	0.0586	2.0507	2.9296	5.859
5/8"	0.484	0.184	0.709	0.0746	2.6102	3.7289	7.458
3/4"	0.563	0.249	0.984	0.1009	3.5319	5.0455	10.091
7/8"	0.721	0.408	1.024	0.1655	5.7924	8.2748	16.550

SUCTION LINE AT 40 DEGREES F					DISCHARGE LINE AT 140 DEGREES F			
Pipe Size (inches)	Lb charge /ft	Lb charge /35 ft	Lb charge /50 ft	Lb charge /100 ft	Lb charge /ft	Lb charge /35 ft	Lb charge /50 ft	Lb charge /100 ft
1/4"	0.0009	0.0301	0.0430	0.086	0.0049	0.1711	0.2444	0.489
3/8"	0.0014	0.0301	0.0684	0.137	0.0078	0.2725	0.3893	0.779
1/2"	0.0022	0.0776	0.1109	0.222	0.0126	0.4416	0.6309	1.262
5/8"	0.0028	0.0988	0.1412	0.282	0.0161	0.5621	0.8030	1.606
3/4"	0.0038	0.1337	0.1910	0.382	0.0217	0.7606	1.0866	2.173
7/8"	0.0063	0.2193	0.3133	0.627	0.0356	1.2474	1.7820	3.564

To watch the full installation video, go to YogaPipe.com. YogaPipe is a registered trademark of YogaPipe Inc.