

风琴折(三折)

尺寸:148mm*210mm/折

TURBRO Copper Line Set Installation Guide

(Applicable Model: CLS16, CLS25)

Part List

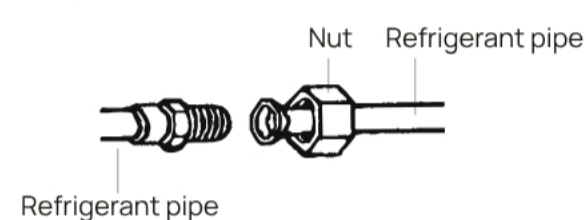
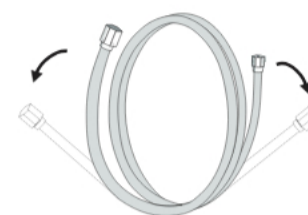
Item	Part Name	Quantity	Item	Part Name	Quantity
	Refrigerant Pipes	2		Sealing Gum	1
	Drain Hose	1		Insulating Tape	2
	Wall Sleeve Cylinder	1		Signal Cable	1
	Wall Cap	1			

Additional Tools Required

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Installation Steps

- Determine the indoor unit location and drill a wall hole of 2.7 inches. Place the wall sleeve in the hole to protect the connection parts.
- Take off the plastic cover in the pipe ports and take off the protective cover on the end of the piping connectors.
- Bend the refrigerant pipes with the port facing up as shown in the figure below.
- Align the refrigerant pipes, rotate the nut of the refrigerant pipe and tighten it as tightly as possible by hand. Do not over-tighten. Use a proper torque wrench to tighten it according to the user manual of unit.

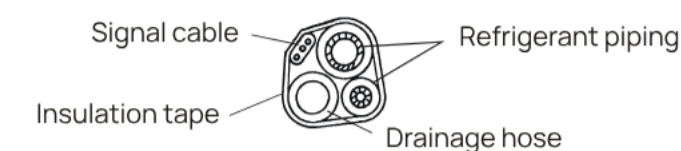


- Wrap the joint with the insulation tape.
- Connect the drainage hose to the drainage port of the unit, and ensure the joint is firm and fully sealed. Wrap the joint firmly with insulation tape to avoid any leaks.

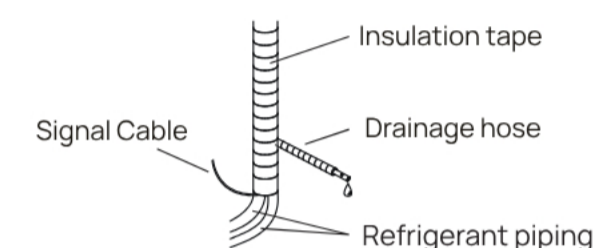


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- Connect the connecting cables to the corresponding terminal in the wiring box of the indoor unit. Make sure that they are well-connected. Then install the wiring box.
- Arrange the pipes, cables, and drainage hose as shown in the following picture. Use the insulation tape to wrap them together as a bundle tightly.



- Reserve a few inches of the drainage hose. When wrapping to a certain length, separate the drainage hose. Continue wrapping together and leave a few inches of the connecting cable and refrigerant pipes to wrap separately for outdoor unit connection.

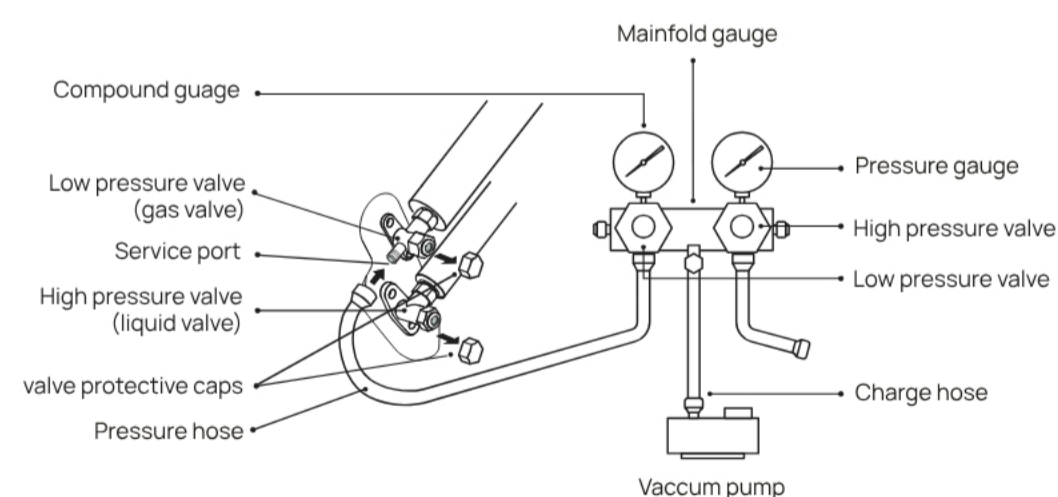


- Slowly pass the wrapped bundle through the wall hole. Install the indoor unit in place. Make sure it is secured firmly.

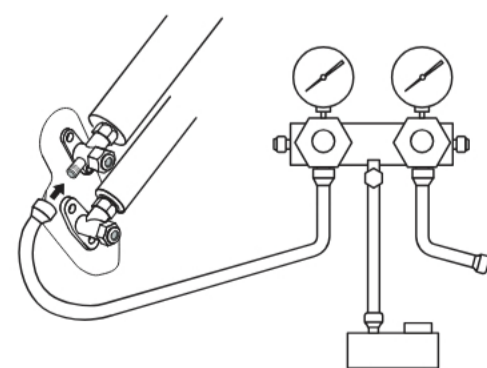
- Open the wiring box of the outdoor unit. Align the refrigerant pipes, rotate the flare nut of the refrigerant pipe and tighten the nut as tightly as possible by hand. Use a spanner to hold the body of the valve and use a torque wrench to tighten the flare nut according to the user manual of unit.

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12. Vacuum Pumping

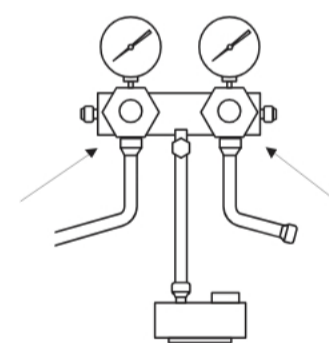


- Remove the protective caps from the service port, low-pressure valve, and high-pressure valve.
- Connect the pressure hose to the service port and connect the manifold gauge to the vacuum pump.

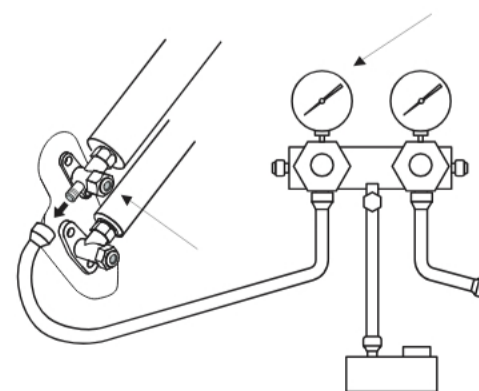


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- Open the low-pressure valve, then close the high-pressure valve.



- Turn on the vacuum pump for at least 15 minutes. Make sure it indicates -0.1 MPa.
- Close the low-pressure valve then turn off the vacuum pump. Wait 5 minutes, ensuring that the pressure change does not exceed 0.005 MPa.
- First open the low-pressure valve for about 10 seconds, then close. Remove the pressure hose when the pressure indicates above 0. Open the high-pressure valve 1/4 turn counterclockwise.

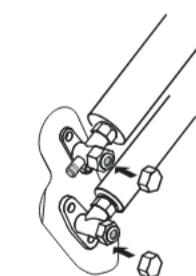


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- Check if there is any leakage. Check the piping joint, the connector of the two valves of the outdoor unit, the service port etc., where leakage may occur. Soapy water or leak detector both works.



- Fully open the low-pressure valve and high-pressure valves. Reinstall all protective caps and valve covers.



- Turn on the air conditioner to check if everything works great.

If you find any part missing or have any question about installation, please kindly contact us at support@turbro.com



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