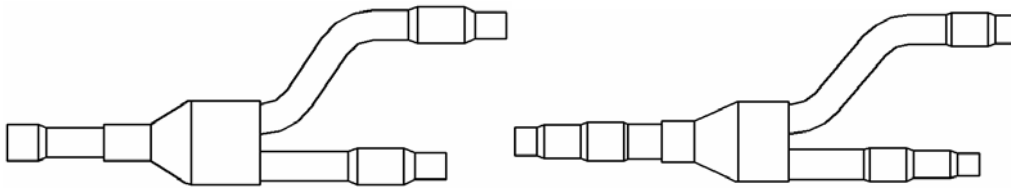


6.4 Connection of Branch Pipe

- 1) If two or three BU modules used, Y-type branch pipe LN01300110 must be used.

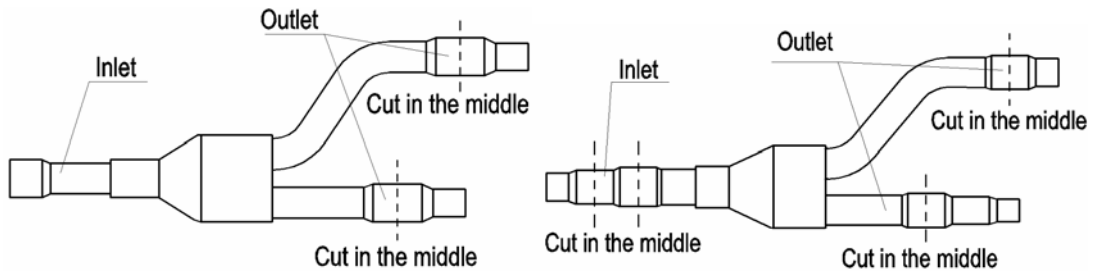


LN01300110(Liquid pipe)

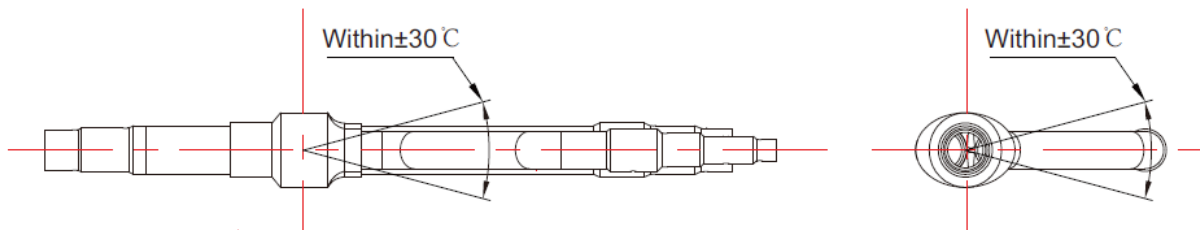
LN01300110(Gas pipe)

INSULATION NOT SHOWN

- 2) Y-type branch pipe is equipped with auxiliary tubes to adjust the diameter of different pipes. If the dimension of the pipe selected is different from the dimension of branch pipe joint, Cut the copper tube in the middle with tube cutter and clear up burrs. Please do that as shown here.



- 3) Y-type branch pipe must be installed in vertical or horizontal direction. In the inlet of the branch pipe, keep at least 20 inches (500mm) straight pipe.



6.5 Design Requirements for Oil Trap

If the height different between the indoor unit and outdoor unit exceeds 6m, one oil trap shall be installed every 6m from lower to upper on the vertical section of gas pipe. The oil trap shall be fabricated into two U-type elbows or one return-type elbow. The height shall be 3~5 times the piping diameter.

See below for details on installation and fabrication of oil trap.

- ①. The oil trap may be fabricated into U-type or return-type.
- ②. If outdoor unit is below indoor unit, it is not needed to install oil trap on the vertical pipe of gas piping.
- ③. If the outdoor unit is below the indoor unit, it is not needed to install oil trap at the highest or lowest position. If the outdoor unit is above the indoor unit, oil trap and stop elbow must be installed at the lowest and highest position of the vertical pipe. See the schematics below:
- ④. Fabrication dimension of oil trap is as shown below:

R34 = 1.33 in
19.05 mm = .75 in
150 mm = 6 in

