

DC Inverter Floor Ceiling Type Air Conditioner

11.5.2 Refrigerant Piping work

The refrigerant is R410A for" GUHD*NK3CO /GUHD*NM3CO/ GUHD*NK3C10 /GUHD*NM3C10 " series outdoor units, GWP=2020 ODP=0

The standard pipe length is 5m. When the length (L) of the connecting pipe is less than or equals 7m, there is no need to add refrigerant. If the connecting pipe is longer than 7m, it is required to add refrigerant. In the below table, the amounts of refrigerant to be added for different models are listed for each additional meter of pipe length.

Select copper pipes for gas and liquid as informed in specific table (see the pipe table below).For dust and moisture protection, before assembly of the pipe and its insulation, both ends of the pipe must be covered.

Table.10

Model	Size of Fitting Pipe (Inch)		Max Pipe Length (m)	Max Height Difference between Indoor Unit and Outdoor Unit(m)	Amount of Additional Refrigerant to Be Filled (For Extra Length of Pipe)	Indoor Unit Drainage Pipe (Diameter × Wall Thickness) (mm)	
	Gas Pipe	Liquid Pipe					
GTH09K3CI GUHD09NK3CO GTH09K3CI GUHD09NK3C10	3/8	1/4	20	15	30 g/m	Φ17×1.75	
GTH12K3CI GUHD12NK3CO GTH12K3CI GUHD12NK3C10							
GTH18K3CI GUHD18NK3CO GTH18K3CI GUHD18NK3C10	1/2	1/4					
GTH24K3CI GUHD24NK3CO GTH24K3CI GUHD24NK3C10	5/8	3/8	30	15	60 g/m		
GTH30K3CI GUHD30NK3CO GTH30K3CI GUHD30NK3C10							
GTH36K3CI GUHD36NK3CO GTH36K3CI GUHD36NK3C10							
GTH42K3CI GUHD42NK3CO GTH42K3CI GUHD42NK3C10			50	30			
GTH48K3CI GUHD48NK3CO GTH48K3CI GUHD48NK3C10			30	15			
GTH36K3CI GUHD36NM3CO GTH36K3CI GUHD36NM3C10			50	30			
GTH42K3CI GUHD42NM3CO GTH42K3CI GUHD42NM3C10							
GTH48K3CI GUHD48NM3CO GTH48K3CI GUHD48NM3C10							
GTH60K3CI GUHD60NM3CO GTH60K3CI GUHD60NM3C10			3/4	3/8			

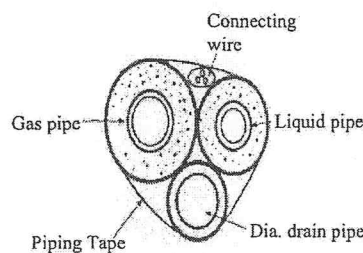


Fig.60