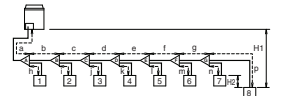
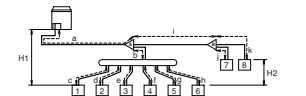
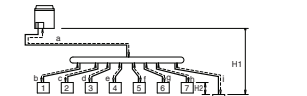

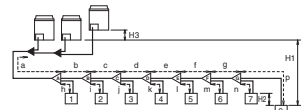
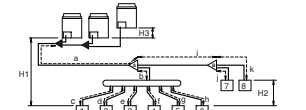
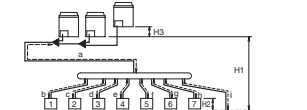




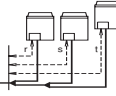


Example of connection (Connection of 8 indoor units Heat pump system)		One outdoor unit installed (RXYQ8-12)	Branch with refnet joint 	Branch with refnet joint and refnet header 	Branch with refnet header 																
 Use the outdoor unit multi connection piping kit that is sold separately as an option (BHFQ22P1007+1517) for the multi installation of outdoor units. Selection method is as shown in the right table. Do not use the outdoor unit multi connection piping kit (BHFQ22M909+1359) that are sold separately as an option of the M-type series and do not use T-joints.		Outdoor units installed in a multiple outdoor unit system (RXYQ16-36)																			
 indoor unit  refnet joint  refnet header  outdoor multi connection piping kit		Install the joint part (◀ part in the figure) of the outdoor unit multi connection piping kit horizontally with attention to the installation restrictions described in "connecting the refrigerant piping". (*) If the system capacity is RXYQ16 or more, re-read to the first outdoor branch as seen from the indoor unit.																			
Maximum allowable length	Between outdoor and indoor units	Actual pipe length Pipe length between outdoor(*) and indoor units ≤ 165 m [Example] unit 8: $a+b+c+d+e+f+g+p \leq 165$ m	[Example] unit 6: $a+b+h \leq 165$ m, unit 8: $a+i+k \leq 165$ m	[Example] unit 8: $a+i \leq 165$ m																	
	Equivalent length Equivalent pipe length between outdoor(*) and indoor units ≤ 190 m (Assume equivalent pipe length of refnet joint to be 0.5 m and of the refnet header to be 1.0 m. (for calculation purposes))																				
	Total extension length Total piping length from outdoor unit* to all indoor units ≤ 1000 m																				
Allowable height	Between outdoor branch and outdoor unit (Only for RXYQ16 or more)	Actual pipe length Piping length from outdoor branch to outdoor unit ≤ 10 m. Approximate length: max. 13 m																			
	Between outdoor and indoor units	Difference in height Difference in height between outdoor and indoor units (H1) ≤ 50 m (≤ 40 m if outdoor unit is located in a lower position).	 $r \leq 10$ m (Approximate length: max. 13 m) $s \leq 10$ m (Approximate length: max. 13 m) $t \leq 10$ m (Approximate length: max. 13 m)																		
	Between indoor and indoor units	Difference in height Difference in height between adjacent indoor units (H2) ≤ 15 m																			
Between outdoor and outdoor units	Difference in height Difference in height between outdoor unit (main) and outdoor unit (sub) (H3) ≤ 5 m																				
Allowable length after the branch	Actual pipe length Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤ 40 m (See note 1 on next page) [Example] unit 8: $b+c+d+e+f+g+p \leq 40$ m	[Example] unit 6: $b+h \leq 40$ m, unit 8: $i+k \leq 40$ m	[Example] unit 8: $i \leq 40$ m																		
Refrigerant branch kit selection Refrigerant branch kits can only be used with R410A.	How to select the refnet joint • When using refnet joints at the first branch counted from the outdoor unit side. Choose from the following table in accordance with the capacity of the outdoor unit.		How to select the refnet header • Choose from the following table in accordance with the total capacity of all the indoor units connected below the refnet header. • Note: 250 type cannot be connected below the refnet header.																		
		<table border="1"> <thead> <tr> <th>Outdoor unit capacity type</th> <th>Refrigerant branch kit name</th> </tr> </thead> <tbody> <tr> <td>RXYQ8+10</td> <td>KHRQ22M29T9</td> </tr> <tr> <td>RXYQ12 + RXYQ16-22</td> <td>KHRQ22M64T</td> </tr> <tr> <td>RXYQ24-36</td> <td>KHRQ22M75T</td> </tr> </tbody> </table>	Outdoor unit capacity type	Refrigerant branch kit name	RXYQ8+10	KHRQ22M29T9	RXYQ12 + RXYQ16-22	KHRQ22M64T	RXYQ24-36	KHRQ22M75T	<table border="1"> <thead> <tr> <th>Indoor capacity type</th> <th>Refrigerant branch kit name</th> </tr> </thead> <tbody> <tr> <td><290</td> <td>KHRQ22M29H (Max. 8 branch)</td> </tr> <tr> <td>290≤x<640</td> <td>KHRQ22M64H (Max. 8 branch)^(a)</td> </tr> <tr> <td>≥640</td> <td>KHRQ22M75H (Max. 8 branch)</td> </tr> </tbody> </table>			Indoor capacity type	Refrigerant branch kit name	<290	KHRQ22M29H (Max. 8 branch)	290≤x<640	KHRQ22M64H (Max. 8 branch) ^(a)	≥640	KHRQ22M75H (Max. 8 branch)
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		• For refnet joints other than the first branch, select the proper branch kit model based on the total capacity index.	(a) See note 2 on next page How to choose an outdoor multi connection piping kit (needed if the outdoor unit capacity type is RXYQ16 or more.) • Choose from the following table in accordance with the number of outdoor units.																		
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Example of downstream indoor units		[Example] in case of refnet joint C; indoor units 3+4+5+6+7+8	[Example] in case of refnet joint B; indoor units 7+8, in case of refnet header; indoor units 1+2+3+4+5+6	[Example] in case of refnet header; indoor units 1+2+3+4+5+6+7+8																	