



IMPROPER INSTALLATION OR ATTACHMENT OF EQUIPMENT OR ACCESSORIES COULD RESULT IN ELECTRIC SHOCK, SHORT-CIRCUIT, LEAKS, FIRE OR OTHER DAMAGE TO THE EQUIPMENT. BE SURE ONLY TO USE ACCESSORIES MADE BY DAIKIN WHICH ARE SPECIFICALLY DESIGNED FOR USE WITH THE EQUIPMENT AND HAVE THEM INSTALLED BY A PROFESSIONAL.

IF UNSURE OF INSTALLATION PROCEDURES OR USE, ALWAYS CONTACT YOUR DAIKIN DEALER FOR ADVICE AND INFORMATION.

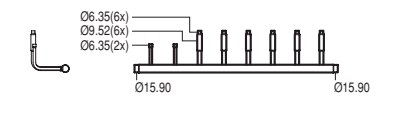



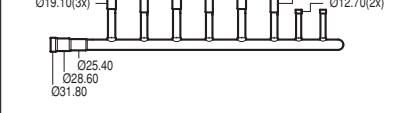
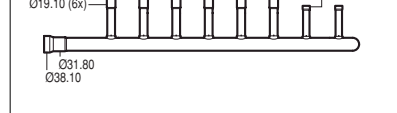
**THIS KIT INCLUDES THE FOLLOWING PARTS**

model	liquid header	discharge gas header	suction gas header	closing pipes	reducer/expander pipe	header heat insulation material	closing pipe heat insulation material	liquid header outlet heat insulation material
KHRQ22M29H8		—		13 pieces	3 pipes			
KHRQ22M64H8		—		13 pieces	6 pipes			
KHRQ22M75H8		—		13 pieces	11 pipes			
KHRQ23M29H8				19 pieces	13 pipes			
KHRQ23M64H8				19 pieces	14 pipes			
KHRQ23M75H8				19 pieces	29 pipes			

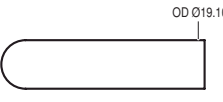
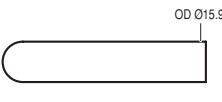
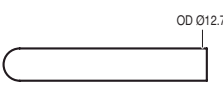
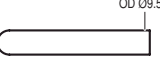
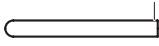
**DIMENSIONS OF THE PIPING**

Header dimensions

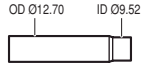
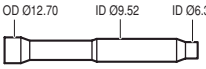
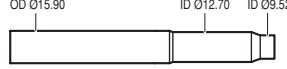
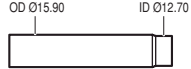
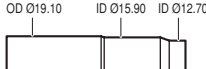

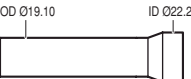

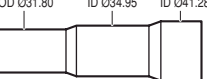
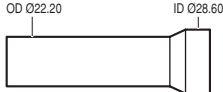
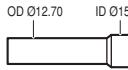
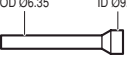

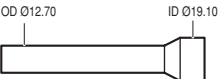
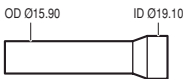
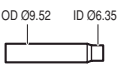
	liquid header	discharge gas header	suction gas header
KHRQ22M29H8	<p>closing pipes B, 6x E reducer or expander pipes 3</p>	—	<p>closing pipes 6x C reducer or expander pipes 10, 11</p>
KHRQ22M64H8	<p>closing pipes B, 6x E reducer or expander pipes 3, 2x 12, 15</p>	—	<p>closing pipes 6x C reducer or expander pipes 2x 11</p>
KHRQ22M75H8	<p>closing pipes A, 6x D reducer or expander pipes 5, 7, 4x 16</p>	—	<p>closing pipes 6x B reducer or expander pipes 4x 4, 9</p>
KHRQ23M29H8	<p>closing pipes B, 6x E reducer or expander pipes 3, 2x 12</p>	<p>closing pipes 6x D reducer or expander pipes 5, 2x 13, 15</p>	<p>closing pipes 6x C reducer or expander pipes 10, 5x 11</p>

	liquid header	discharge gas header	suction gas header
KHRQ23M64H8	 <p>closing pipes B, 6x E reducer or expander pipes 3, 2x 12, 15</p>	 <p>closing pipes 6x D reducer or expander pipes 8, 11, 2x 13, 3x 15</p>	 <p>closing pipes 6x C reducer or expander pipes 2x 11, 15</p>
KHRQ23M75H8	 <p>closing pipes A, 6x D reducer or expander pipes 5, 7, 6x 16</p>	 <p>closing pipes 6x C reducer or expander pipes 6x 1, 2x 11, 14, 3x 15</p>	 <p>closing pipes 6x B reducer or expander pipes 6x 4, 9, 2x 15</p>

### Closing pipe dimensions

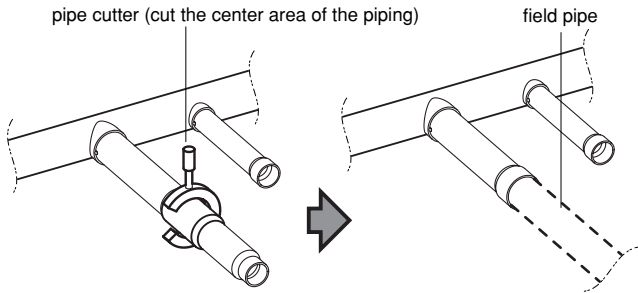
<b>A</b>	<b>B</b>	<b>C</b>
		
<b>D</b>	<b>E</b>	
		

### Reducer/expander pipe dimensions

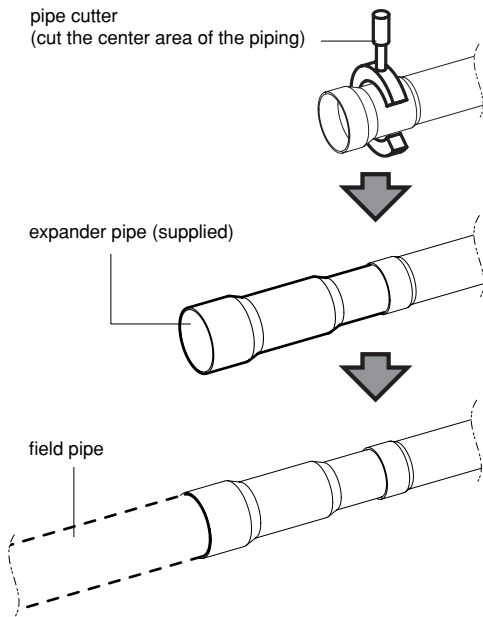
<b>1</b>	<b>2</b>	<b>3</b>
		
<b>4</b>	<b>5</b>	<b>6</b>
		
<b>7</b>	<b>8</b>	<b>9</b>
		
<b>10</b>	<b>11</b>	<b>12</b>
		
<b>13</b>	<b>14</b>	<b>15</b>
		
<b>16</b>		
		

## INSTALLATION PROCEDURE

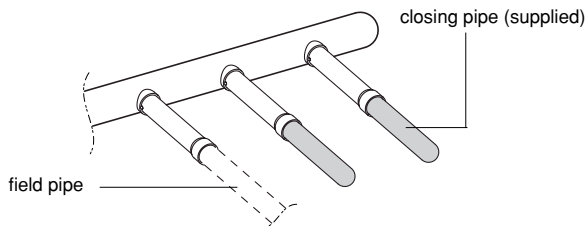
- For the outlet/inlet pipings which can be connected in several piping sizes, cut the connections of the required pipe diameter with a pipe cutter.



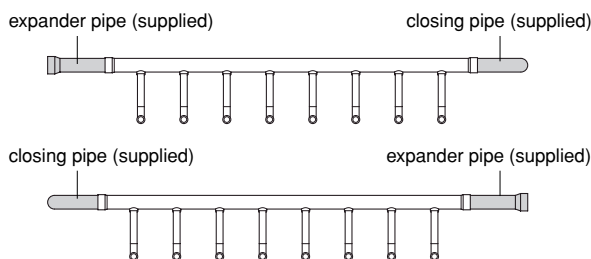
- Use the supplied reducer/expander pipes when necessary



- For non-connected outlet pipes, close the connections with closing pipes (supplied).



- For connecting the field piping to the inlet of the liquid header: Depending on the connection side, attach the expander pipe (supplied) and the closing pipe (supplied).



## INSTALLATION PRECAUTIONS

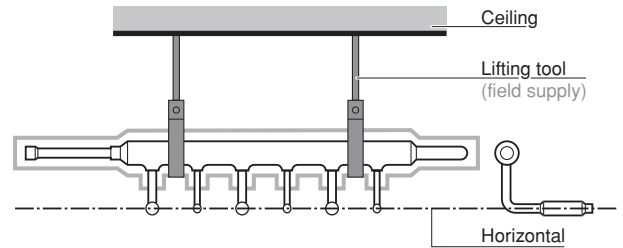
**⚠** Make sure to flow nitrogen gas through the pipe when brazing.

**⚠** Make sure to avoid stress on headers. Do not tighten fixations too hard. (Copper tube length changes considerably under temperature fluctuations.)

### Installation orientation

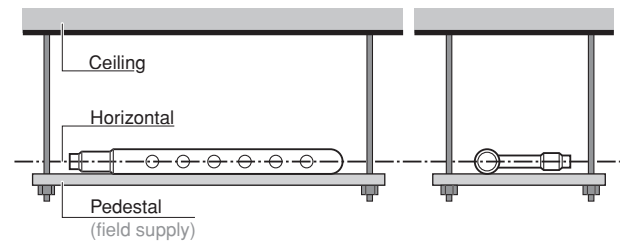
#### Liquid header

Suspend the header to the ceiling, and be sure to install it so that the outlet pipes are horizontal at the lower side.



#### Gas header

Place the header on a pedestal and install it so that it is horizontal.

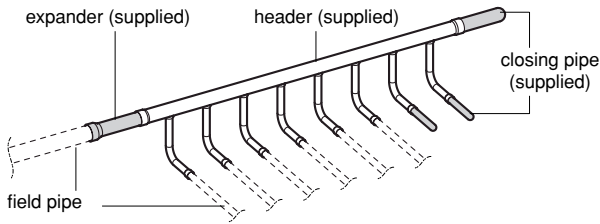


## Heat insulation

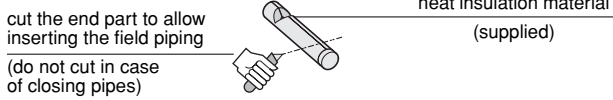
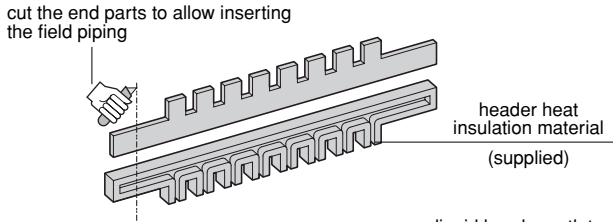
Be sure to insulate the header against heat.

### Liquid header

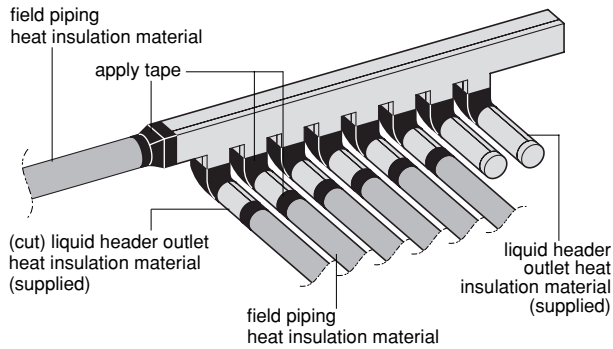
- Example of connected liquid header.



- Use the supplied heat insulation material to insulate the headers against heat.

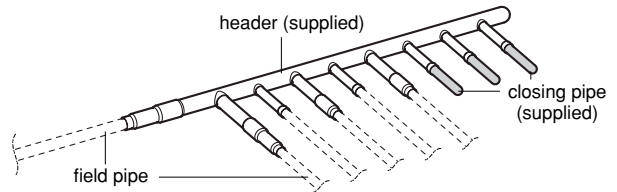


- Apply the heat insulation material and seal all connections with tape.

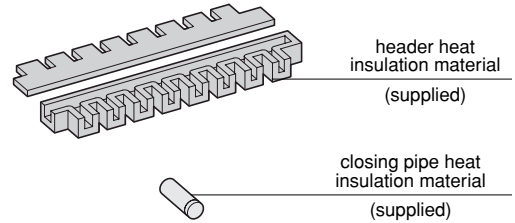


### Gas header

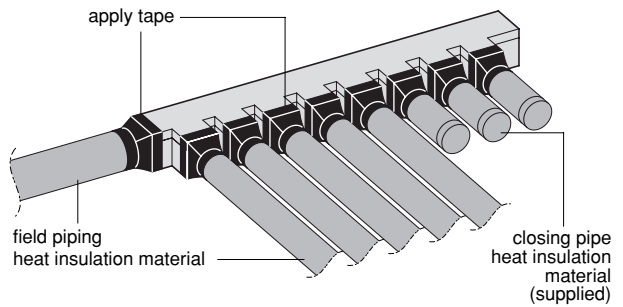
- Example of connected gas header.



- Use the supplied heat insulation material to insulate the headers against heat.



- Apply the heat insulation material and seal all connections with tape.



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