KS1-KCLIK-J1 K-con CAHV Linkage Interface Kit (10100750)

Installation Manual

Instructions for :-

KS1-KCLIK-J1 K-con CAHV Linkage Interface Kit

For safe and correct use please read the installation manuals supplied with the interface equipment.

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Safety precautions

Before Installation and Electrical Work

Before installing the unit, make sure you read all the “Safety precautions”.

Symbols used in the text

⚠ Warning: Describes precautions that should be observed to prevent danger of injury or death to the user.
⚠ Caution: Describes precautions that should be observed to prevent damage to the unit.

⚠ Warning: Carefully read the labels affixed to the main unit.

⚠ Warning:

- Before installing the pipe connections make sure you read all the safety precautions
  The Safety precautions provide very important points regarding safety, make sure you follow them.
- Ask the dealer or an authorised technician to install the unit.
- Improper installation by the user may result in water leakage.
- This Kit is not for use by persons with reduced Physical, Sensory or Mental Capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning installation by a responsible person for their safety.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/ positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- When handling this product, always wear protective equipment. EG: Gloves, full arm protection namely boiler suit, and safety glasses.
  Improper handling may result in injury.
- Be very careful regarding product transportation.
  Two people should be used to carry products of 20kg or more.
- Some products use PP bands for packaging. Do not use any PP bands for a means of transportation.
- Safely dispose of the packing materials.
  Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries.
  Tear apart and throw away plastic packaging bags so that children will not play with them - If children play with a plastic bag which has not been torn apart, they face the risk of suffocation.

⚠

Disclaimer

Warning:

Kooltech UK assumes no liability for damages consequent to the user of this product. We reserve the right to change this manual at any time without notice. The information furnished by us is believed to be accurate and reliable. However, no responsibility is assumed by us for its use, nor for any infringements of patents or other rights of third parties resulting from its use.

Parts Supplied

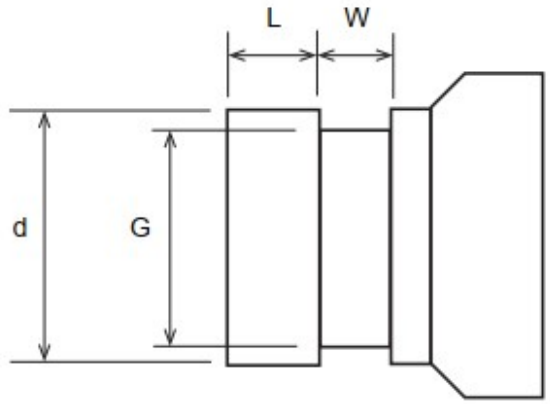
48mm Stainless Steel Victaulic Coupler	x 2	
48mm x 1 1/2”M Stainless Steel Victaulic Nipple	x 2	
1 1/2”F x 1 1/2”F Brass Barrel Fitting	x 2	
1 1/2”F x 42mm Compression Brass Fitting	x 2	
1 1/2”F x 42mm Press Fit Brass Fitting	x 2	

This Manual

Installation Instructions

Mitsubishi Electric CAHV-R450YA-HPB Air Source Heat Pump Connection Details

Water pipe groove specifications

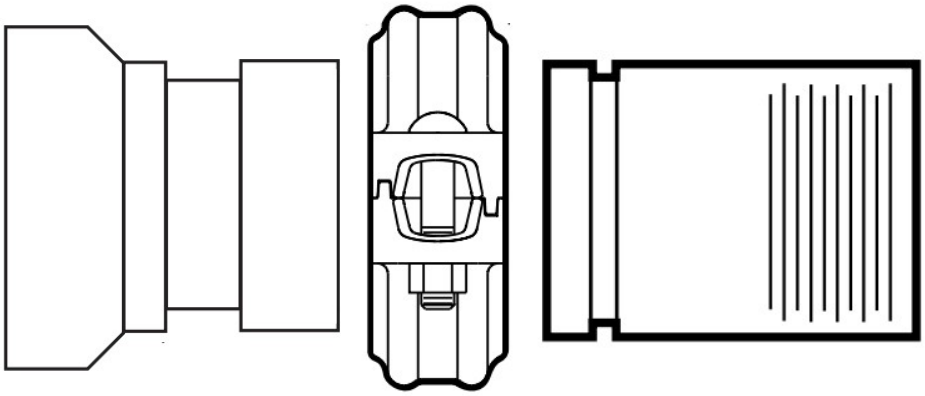


(Unit: mm)

	Pipe size
	1-1/2B (40A)
d	ø48.3±0.3
G	$ø45^{0}_{-0.3}$
W	8±0.3
L	15.9±0.3



1 1/2”x1 1/2” FxF



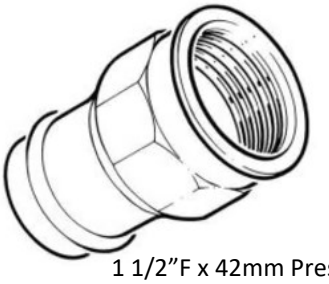
CAHV-R Outlet

Victaulic Coupler

Victaulic 1 1/2”M Threaded Nipple



1 1/2”F x 42mmComp



1 1/2”F x 42mm Press

NOTICE

- It is important to tighten the nuts evenly by alternating sides to prevent gasket pinching.
- An impact tool or standard socket wrench with a deep-well socket can be used to bring the bolt pads into metal-to-metal contact.

⚠ CAUTION

- Verify that the gasket does not become rolled or pinched while installing the housings.

Failure to follow this instruction may cause gasket damage, resulting in joint leakage and property damage.

Installation Instructions

- A thin coat of a compatible lubricant shall be applied to the gasket sealing lips and exterior to help prevent the gasket from pinching, rolling, or tearing during installation.
- DO NOT use excessive lubricant on the gasket sealing lips and exterior. Failure to use a compatible lubricant may cause gasket damage, resulting in joint leakage and property damage.
- Joining of different metals can lead to Galvanic corrosion, care should be taken when choosing materials for project to mitigate this risk. If this is not possible then a suitable Lubricant, Paste or coating must be considered. This is a field supplied product due to variety of materials available.
- Threaded connections should be treated with sealant to assist in the soundness of the joint, this is a field supplied product and will vary with application and materials involved.
- It is suggested to perform a Hydrostatic test of no more than 3 Bar / 45 Psi to ensure joints are leak free.

Please be sure to put the contact address/telephone number
on this manual before handing it to the customer.

K-con Ltd

Kooltech Ltd Strathaird, 12 Mossland Road, Hillington Park, Glasgow, G52 4XZ