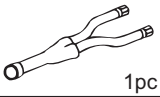
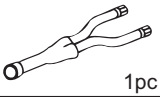
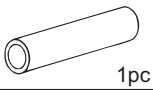
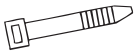
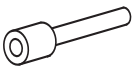
7-3. JOINT KIT CMY-R160-J FOR BC CONTROLLER

Joint kit "CMY-R160-J" for BC controller is used to combine 2 ports of the BC controller at a PURY-(E)P-Y(S)HM-A system so as to enable down-stream Indoor capacity above P140 as shown in Fig. 1.

The Joint kit include following items:

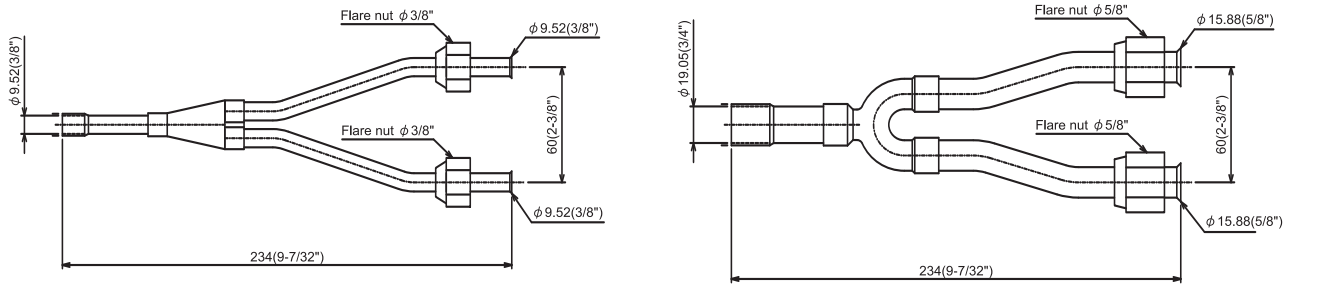
①Instruction	②Joint pipe	③Joint pipe	④Cover 1	⑤Cover 2	⑥Cover 3	⑦Band	⑧Reducer
 This sheet 1pc	(for liquid side)  1pc	(for gas side)  1pc	 2pcs	(for gas side)  1pc	(for liquid side)  1pc	 8pcs	 2pc

Ref.: WT04350X01_01

②Joint pipe (for liquid side)

③Joint pipe (for gas side)

mm(in.)



Ref.: W901616

1. Designing CMY-R160-J to a PURY-(E)P-Y(S)HM-A system

The maximum down-stream Indoor capacity for 1 port of BC controller is P140. When the down-stream Indoor capacity is above P140, Joint kit CMY-R160-J is needed to combined2 ports of BC controller to enlarge the capacity, like Group 2 and 3 in Fig. 1.

Maximum 3 Indoor units are allowed to connect to 1 port of BC controller or 2 combined ports of BC controller using CMY-R160-J.

When connecting Indoor units to 1 port of BC controller or 2 combined ports of BC controller using CMY-R160-J or CMY-Y102S-G2 is applicable, like Group 1 and 2 in Fig. 1

Caution: Mixed cooling and heating mode at the same time for Indoor units connecting to 1 port or 2 combined ports is not available.

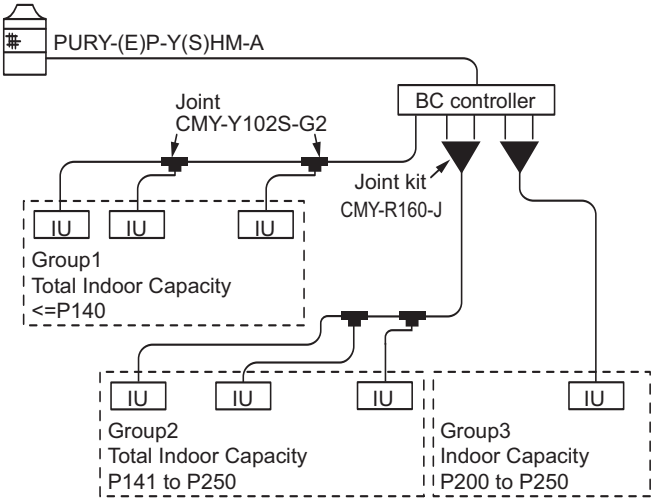


Fig.1. CMY-R160-J applying scheme

Ref.: WT04350X01_02

2. Piping at the installation site

The connection of CMY-R160-J to BC controller and pipe leading to Indoor units is referable to Fig. 2. Non-oxidized brazing is necessary. All piping must be careful to avoid foreign material getting inside.

After piping and air-tight testing, insulation work to the Joint and pipe should be done. Details is available at the Installation Manual.

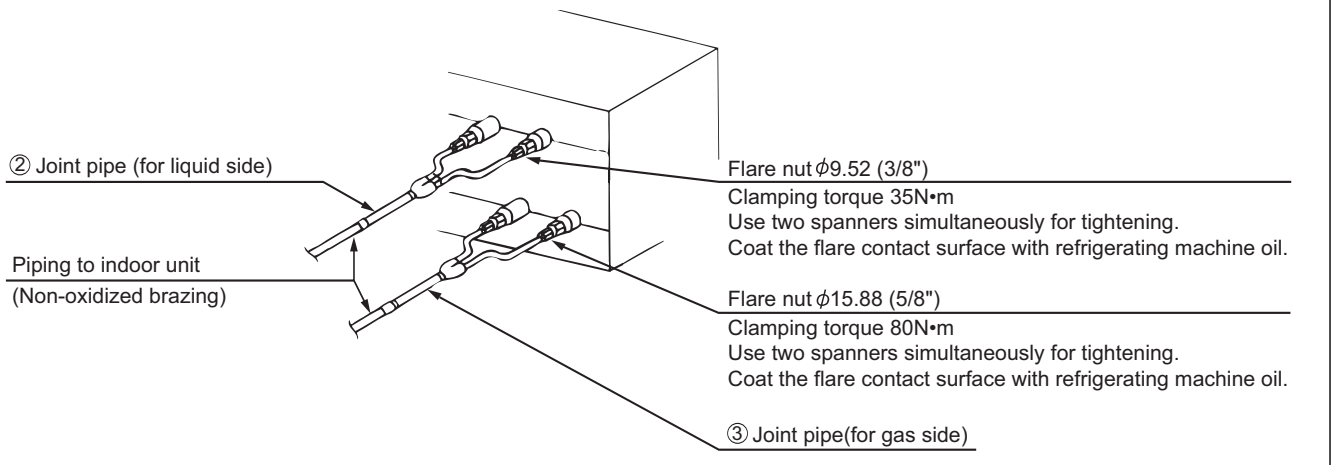


Fig.2. Connecting CMY-R160-J

Ref.: WT04350X01_03

Ref: CMY_R160_J_DOC_EUDB