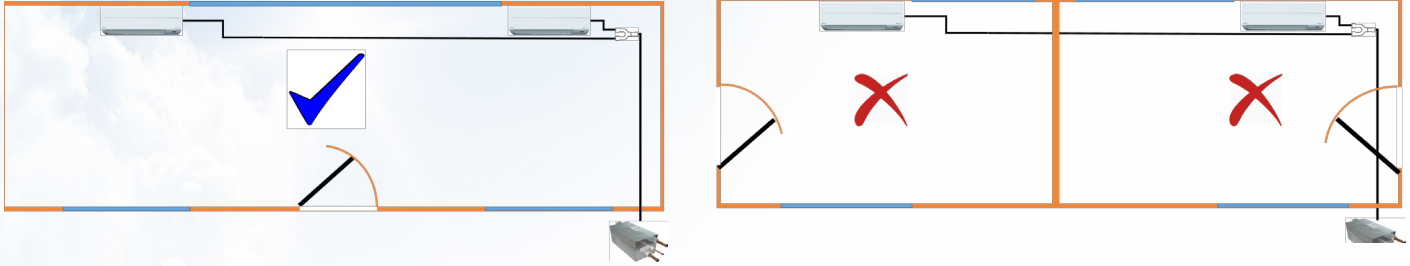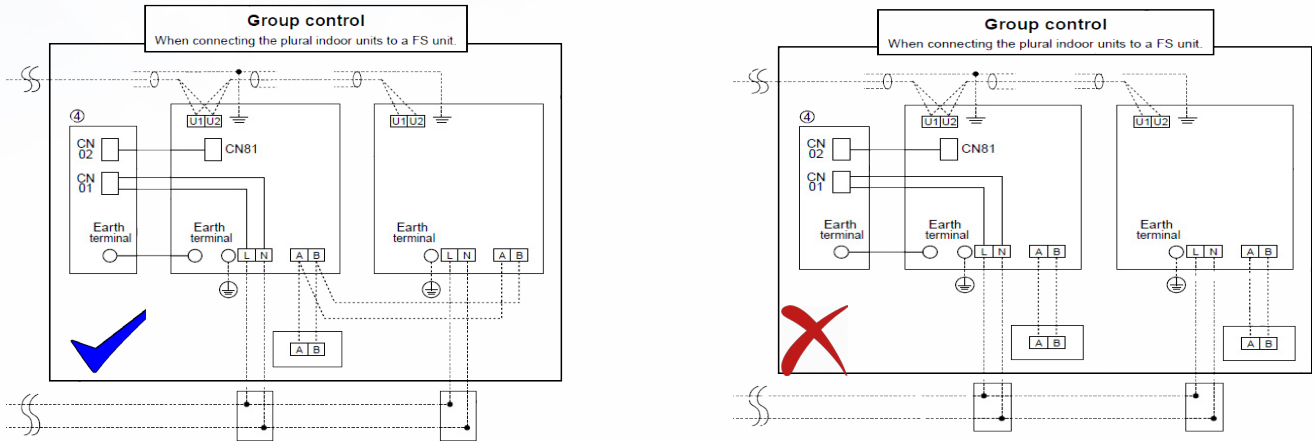# Solution Sheet 2 - Toshiba Heat Recovery VRF With Multiple Indoors on a Single Flow Selector.

Key elements to take into consideration when designing a Heat Recovery VRF system utilizing multiple indoor units from a single Flow Selector Box.

1) That ALL the indoor units connected to a single flow selector box are within the **SAME** conditioned space.

2) Indoor units can be of different styles and sizes, but **MUST** be controlled via a dedicated "**Group**" format, by linking **ALL** the units in the "**Group**" via an additional 2-core control cable.

3) Whilst addressing of a VRF system is "**Fully Automatic**", an additional manual address has to be carried out when multiple indoor units are connected to a single "**Flow Selector Box**".
This is carried out via a standard local remote controller, either a RBC-AMT32E, RBC-AMS41E, AMS51E-ES,
The following controls **CANNOT** be used RBC-AS41E, Infra-Red, Central Remote or BMS option.

This "**Manual Address**" is carried out once the system has been addressed via the lead outdoor unit.

4) At the local remote, (AMT32/AMS41) press "**Test (Spanner), CL & SET**" together and hold for 5 seconds, Number "**10**" will be displayed on the right hand side of the display, scroll this to "**0E**" using the temperature up and down arrows, once "**0E**" is showing on the right, change the left hand display to "**0001**" via the timer up and down arrows, once "**0001**" is displayed press "**Set**" then press "**Test**" the controllers display will clear and "**Setting**" will be displayed, once addressing is complete "**Setting**" is cleared from the remote controllers display.

5) To carry out this function using an RBC-AMS51E-ES, press and hold the "**MENU**" button, this is the middle button on the right hand side of the controller, whilst depressed press and hold the "**Down Arrow**", the display screen will show "**Field Setting Menu**" on the top of the display, scroll down using the "**UP/DOWN**" arrows until "**DN Configuration**" is highlighted, press "**F2**", the display will then show the number "**10**" on the left hand side of the display, scroll this to "**0E**" using the "**UP/DOWN**" arrows, when "**0E**" is displayed on the left press "**F2**" this will highlight the display on the right, change this to "**0001**" via the "**UP/DOWN**" arrows, press the "**MENU**" button, then follow the on screen display, when asked to continue select "**NO**" then follow the on screen display.

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