

Method C (Double zone control)

Hydraulic Module is connected with two room thermostat, while user interface FOR SERVICEMAN set ROOM THERMOSTAT to DOUBLE ZONE:

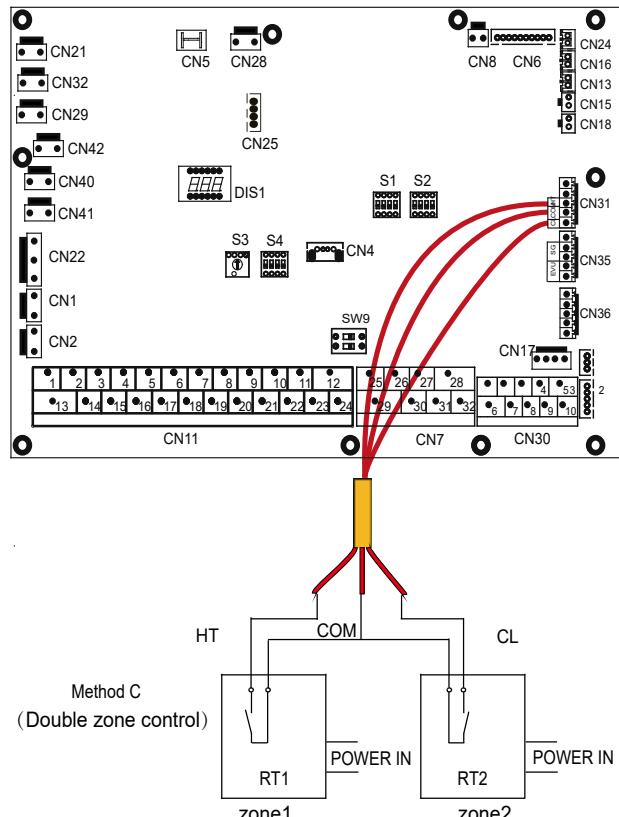
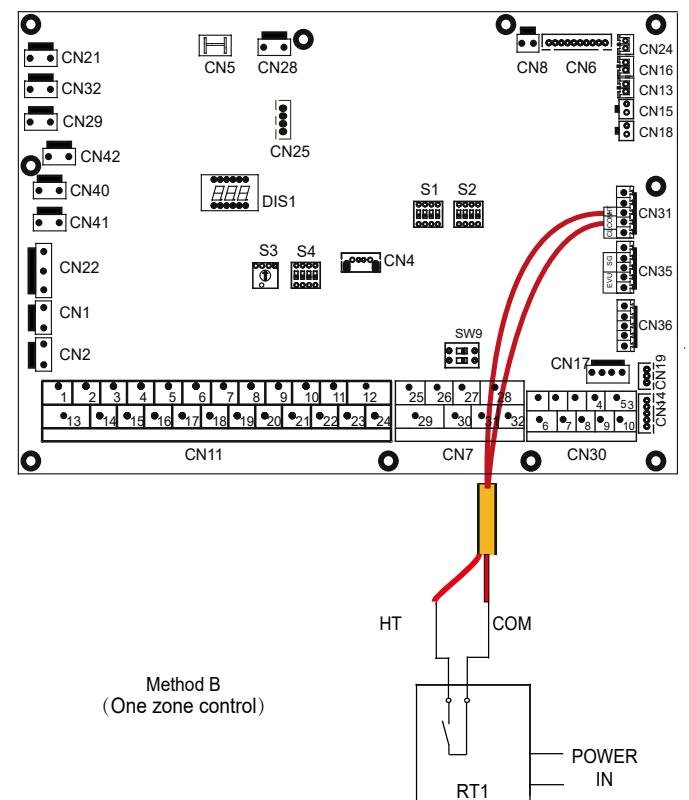
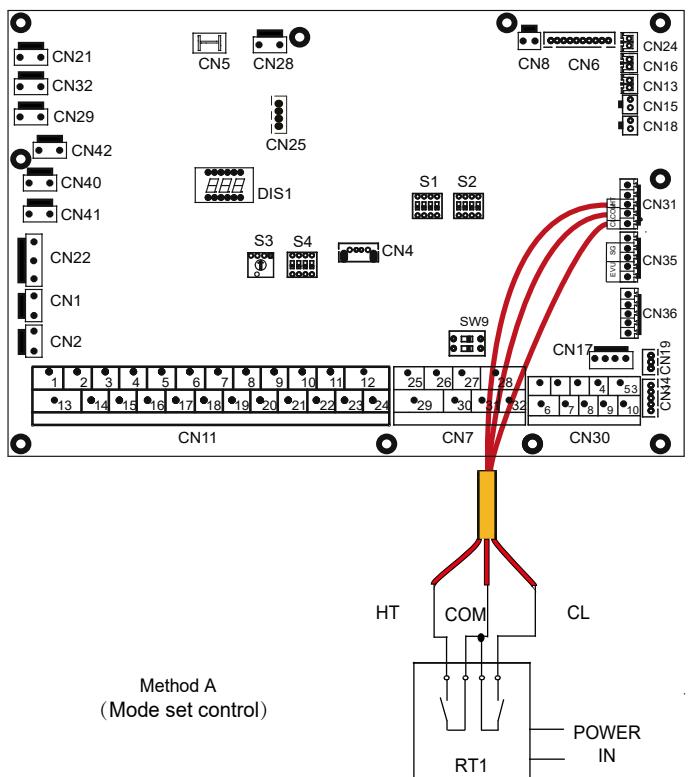
C.1 When unit detect voltage is 230VAC between H and L1, zone1 turns on. When unit detect voltage is 0VAC between H and L1, zone1 turns off.

C.2 When unit detect voltage is 230VAC between C and L1, zone2 turns on according to climate temp curve. When unit detect voltage is 0V between C and L1, zone2 turns off.

C.3 When H-L1 and C-L1 are detected as 0VAC, unit turns off.

C.4 when H-L1 and C-L1 are detected as 230VAC, both zone1 and zone2 turn on.

Room thermostat type2 (Low voltage):



There are three methods for connecting the thermostat cable (as described in the picture above) and it depends on the application.

• Method A (Mode set control)

RT can control heating and cooling individually, like the controller for 4-pipe FCU. When the hydraulic module is connected with the external temperature controller, user interface FOR SERVICEMAN set ROOM THERMOSTAT to MODE SET:

A.1 When unit detect voltage is 12VDC between CL and COM, the unit operates in the cooling mode.

A.2 When unit detect voltage is 12VDC between HT and COM, the unit operates in the heating mode.

A.3 When unit detect voltage is 0VDC for both side(CL-COM, HT-COM) the unit stop working for space heating or cooling.

A.4 When unit detect voltage is 12VDC for both side(CL-COM, HT-COM) the unit working in cooling mode.

• Method B (One zone control)

RT provide the switch signal to unit. User interface FOR SERVICEMAN set ROOM THERMOSTAT to ONE ZONE:

B.1 When unit detect voltage is 12VDC between HT and COM, unit turns on.

B.2 When unit detect voltage is 0VDC between HT and COM, unit turns off.

• Method C (Double zone control)

Hydraulic Module is connected with two room thermostat, while user interface FOR SERVICEMAN set ROOM THERMOSTAT to DOUBLE ZONE:

C.1 When unit detect voltage is 12VDC between H and L1, zone1 turn on. When unit detect voltage is 0VDC between H and L1, zone1 turn off.