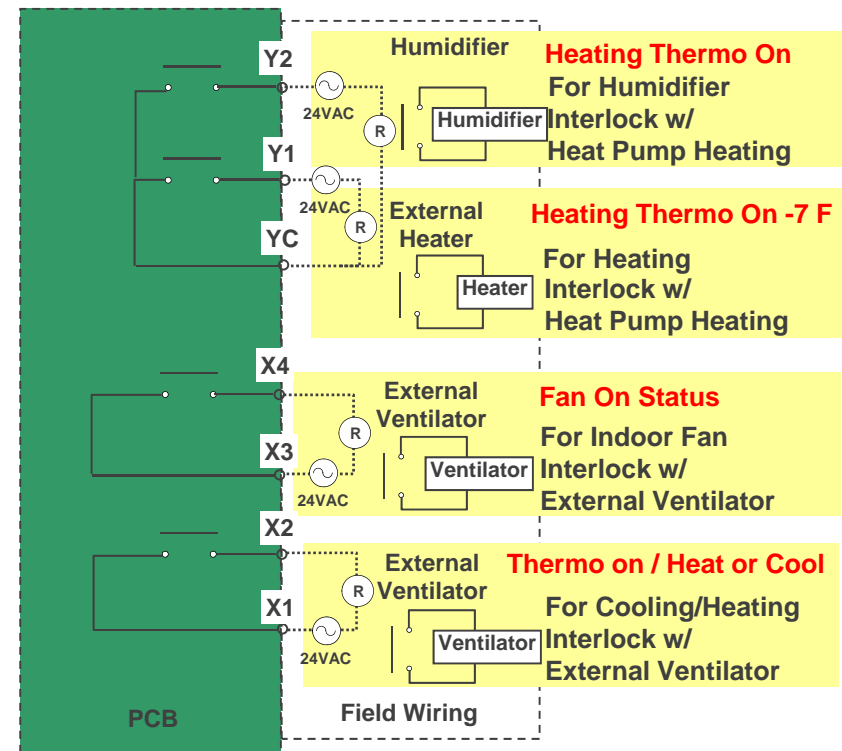
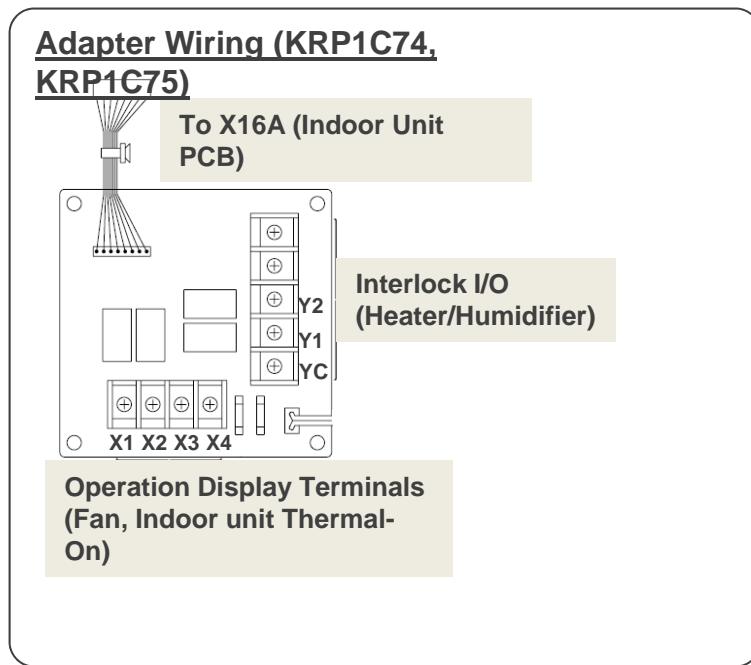


Wiring Adaptor

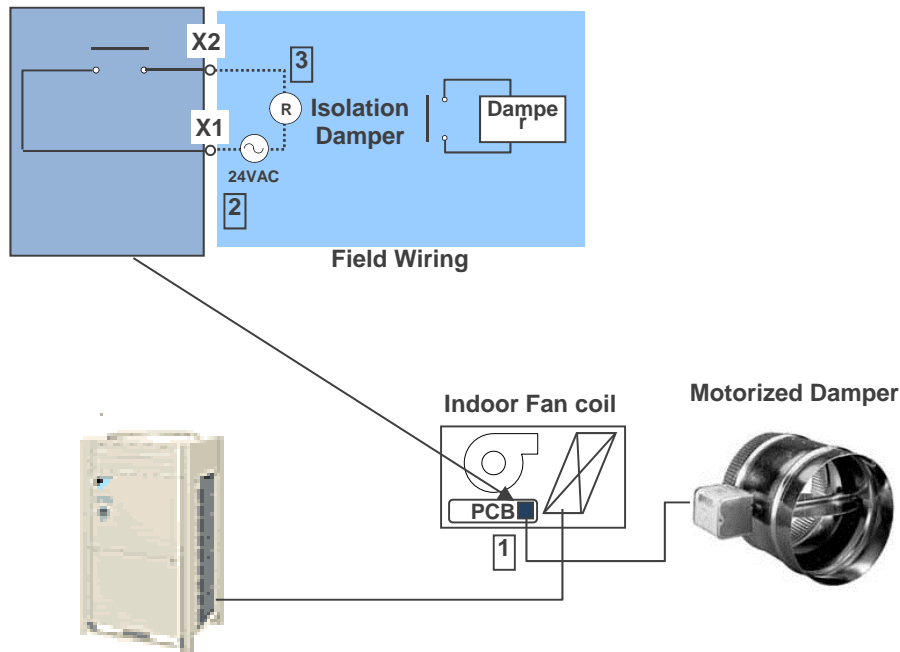
KRP1C – cont'd

Adapter for Wiring (Wiring Diagram)



Fresh Air Damper Integration

Type	Application	Spec (plan)	Probable Method
Motorized damper interlocked with thermo On/Off status	Open and close isolation damper for condensing unit ducted discharge air	Indoor unit thermo-ON (cooling/heating): Fresh air damper open	Utilize operation display terminal of "Adapter for Wiring" (X1-X2)



To utilize Cooling/Heating interlock with motorized damper, it needs to use operation display output of Adapter for Wiring. As a result, if indoor unit is thermo-ON, (heating or cooling) motorized damper opens.

1. Install Adapter for Wiring onto the indoor unit.
2. Connect 24VAC power source and relay with external ventilator contactor (between X1 and X2).

Required Components:

1. Adapter for Wiring (KRP1C74, KRP1C75),
2. 24VAC power source (3rd Party Supplier),
3. Relay (24VAC, 3rd Party Supplier)

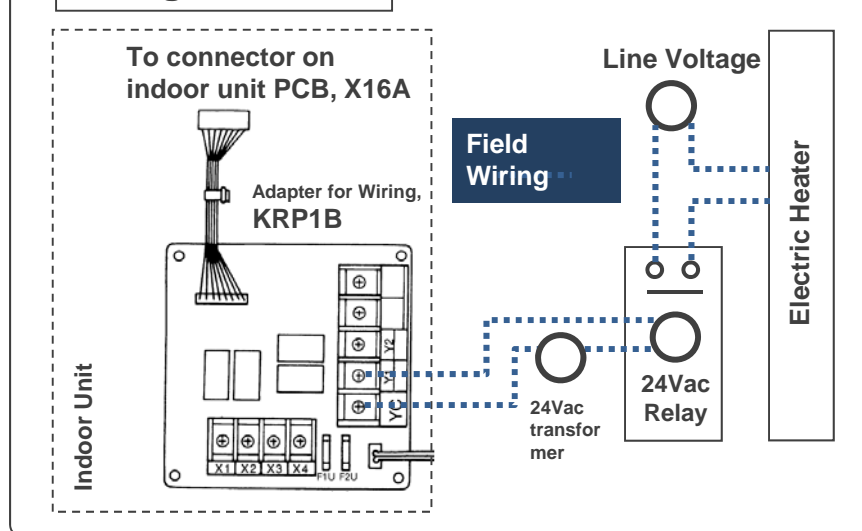
Wiring Adaptor

KRP1C - AUX Duct Heater Integration

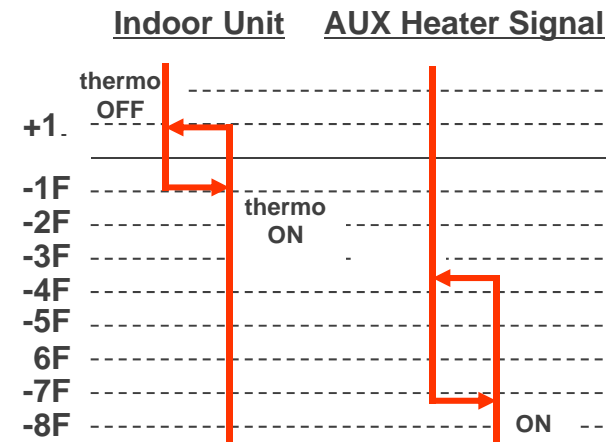


- Hotel elevator hall, NYC
- Electric heater in the duct is sequenced as an AUX heater of the indoor unit

Wiring Schematic



Control Sequence



In the thermo-ON mode, the room temperature is maintained with PID control of an indoor unit

Wiring Adaptor

KRP1C - Alternative Heat Source

- Hot water coil (single stage) integration
- Need modulated valve for larger capacity
 - For larger capacity indoor units
- Lock-out capability standard on VRV-S
 - Optional PCB required on 2-pipe heat pump
 - Optional PCB required on 3-pipe heat recovery

Zone by zone control

To switchover to other heat source

→ Overview of heat pump lock out function

Field Service Setting
Mode **2-37** (Heat pump
lockout enable) on

*** Close A-C at outdoor unit –
Indoor fan is required for
hydronic heat in this application**

