

# INSTALLATION MANUAL FOR HEATER CONTROL KIT BRP4A50A

## Accessories

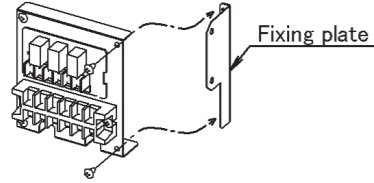
See the right for components.

Main kit with box cover	1	pc.
Fixing plate	1	pc.
Fixing screw	4	pcs.
Clamp	5	pcs.

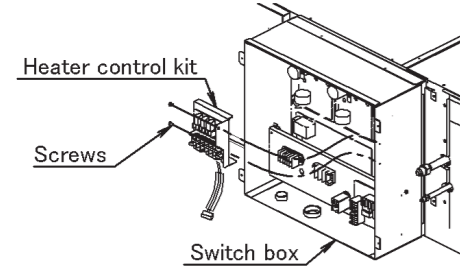
## Installation

<VKM-GB (M) V1, VKM-JMV1>

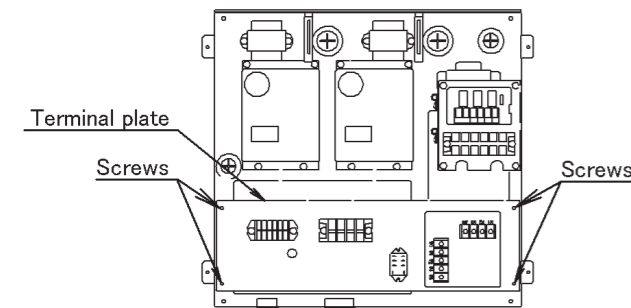
- (1) Before installation (box cover is unnecessary)  
Assemble main kit and fixing plate as shown below.



- (2) Install the heater control kit to the inside of switch box as shown below.

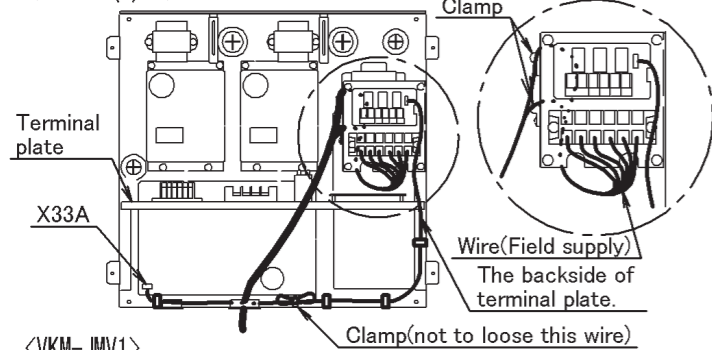


- (3) Take off the screws on the terminal plate.  
Turn up the terminal plate as shown below.

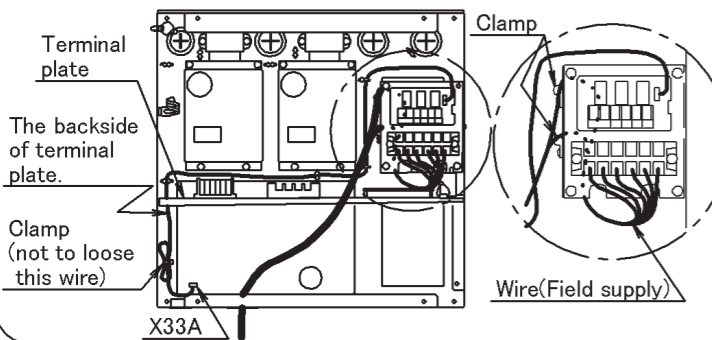


- (4) Connect X33A of the print circuit board.

<VKM-GB (M) V1>

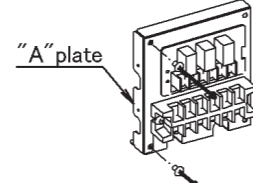


<VKM-JMV1>

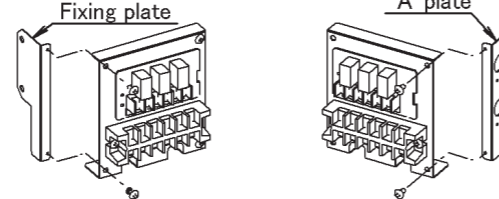


<VAM-FB>

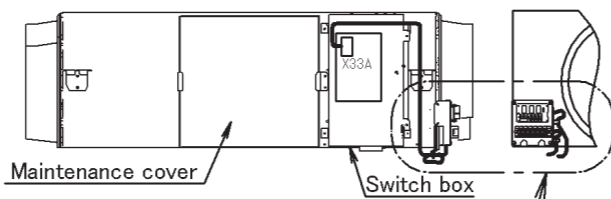
- (1) Before installation  
Assemble main kit and fixing plate as shown below.  
Take off "A" plate from main kit.



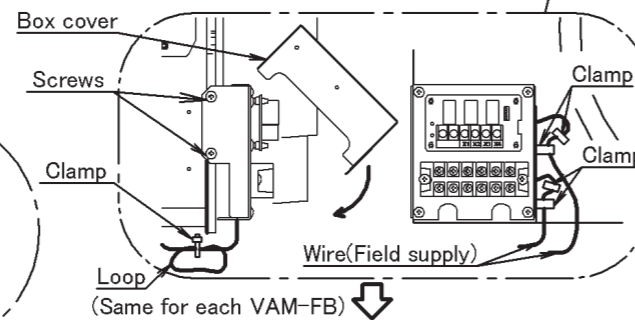
- (2) Take on the fixing plate and "A" plate as shown below.



- (3) In the case of VAM350, 500, 650FB as shown below.  
Install the heater control kit to the outside of unit.  
See the INSTALLATION MANUAL of Heat Reclaim Ventilator for VAM800, 1000, 1500, 2000FB.

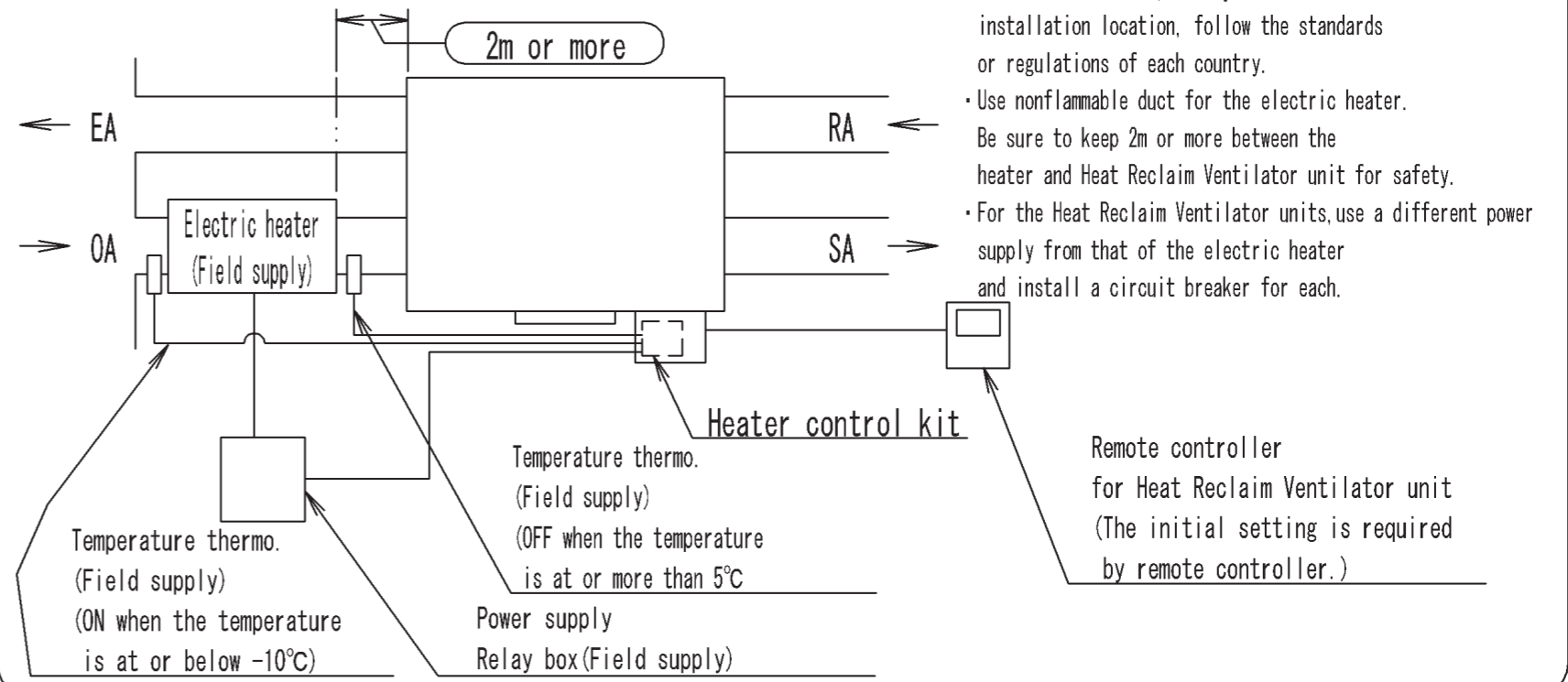


- (4) Connect X33A of print circuit board.



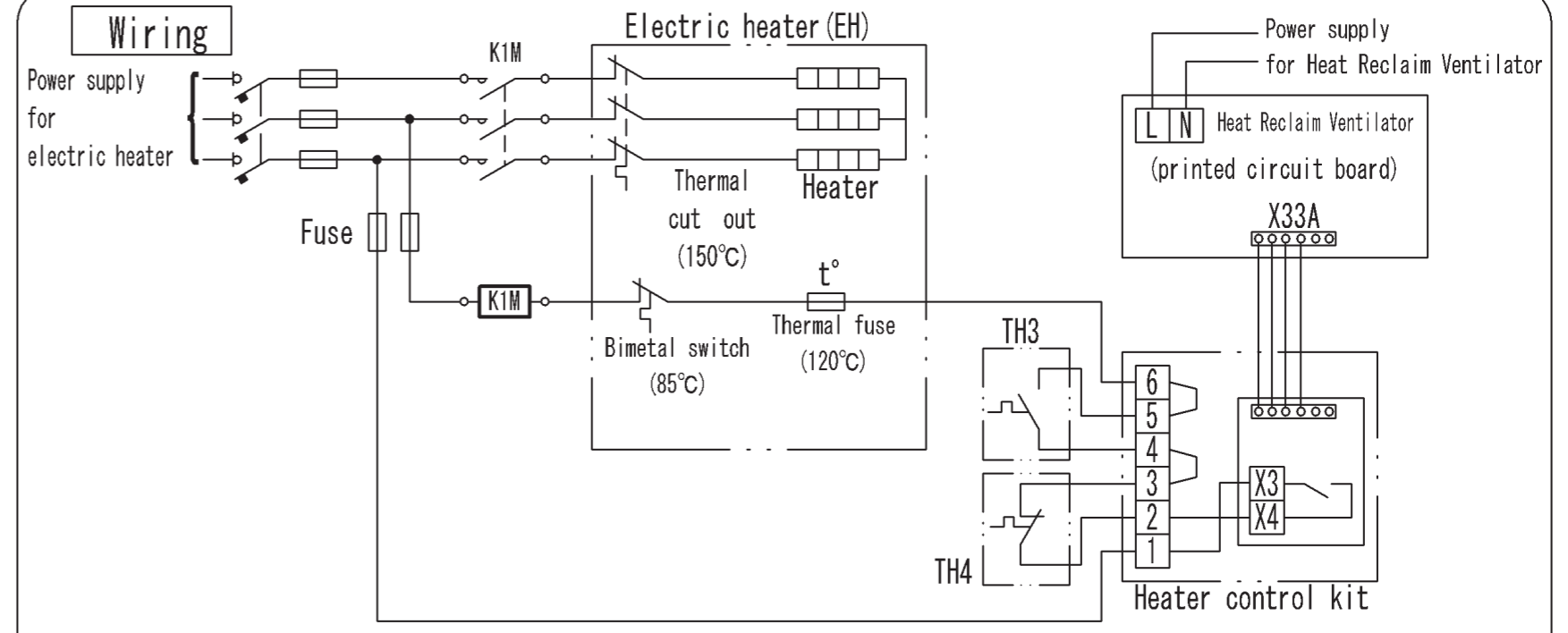
<<Cautions>>  
The initial setting is required by remote controller for indoor unit or Heat Reclaim Ventilator unit.  
See the INSTALLATION MANUAL of Heat Reclaim Ventilator. (Local setting)  
Electric heater setting ON, OFF delay [19 (29) · 8 · 04]  
※The initial setting is necessary for safety.

## Installation example



<<Cautions>>  
• For electric heater, safety devices and installation location, follow the standards or regulations of each country.  
• Use nonflammable duct for the electric heater.  
Be sure to keep 2m or more between the heater and Heat Reclaim Ventilator unit for safety.  
• For the Heat Reclaim Ventilator units, use a different power supply from that of the electric heater and install a circuit breaker for each.

## Wiring



Symbol	Part	Installation Place	
K1M	:Magnetic Contactor	Install a relay box at site	Field supply
EH	:Electric heater (Bimetal switch, Thermal fuse, Thermal cut out etc. (built in))	Duct	Field supply
TH3	:Temperature thermo (ON when the temperature is at or below -10°C)	Duct (Front of EH)	Field supply
TH4	:Temperature thermo (OFF when the temperature is at or more than 5°C)	Duct (behind EH)	Field supply

## Initial Setting

Make sure to set remote controller of Heat Reclaim Ventilator at initial setting as shown in the right table. (for ON/OFF delay)

Heater setting	Setting mode	Setting switch No.	Setting position
	19 (29)	8	04