

# PRODUCT FEATURES

## 1. Energy saving ventilation

Thanks to efficient recovery of thermal energy lost during Ventilation (load incurred by outside air), you can save an air-conditioning fee.

## 2. Facility saving

Thanks to a drastic reduction of load incurred by outside air, you can make air-conditioners more compact in parallel with the recovery of thermal energy.

## 3. Humidity adjusting effect

In a cooling mode, a highly humid open-air is brought near to a dehumidified room atmosphere and then supplied. In a heating mode, a room humidity is transferred to the dry outside air and then supplied.

## 4. Comfortable and consistent ventilation

Ventilation is available with least possible fluctuation of a room temperature. Since exhaust and air intake are performed simultaneously, a stable ventilation is possible even in a highly airtight room.

## 5. Sound shield effect

The ducts of the unit and the heat exchange core are characteristic of sound shield effect. Thus, it prevents an outside noise from coming in the unit and also sound inside the unit from going out, so that the office and store environment can be preserved.

## 6. RS485 central control

The energy recovery ventilator is connected to a remote control with RS485 function for central control management by BMS or similar.

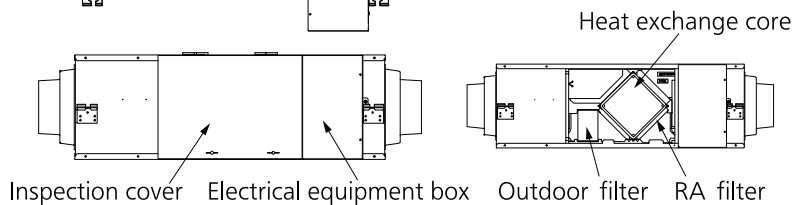
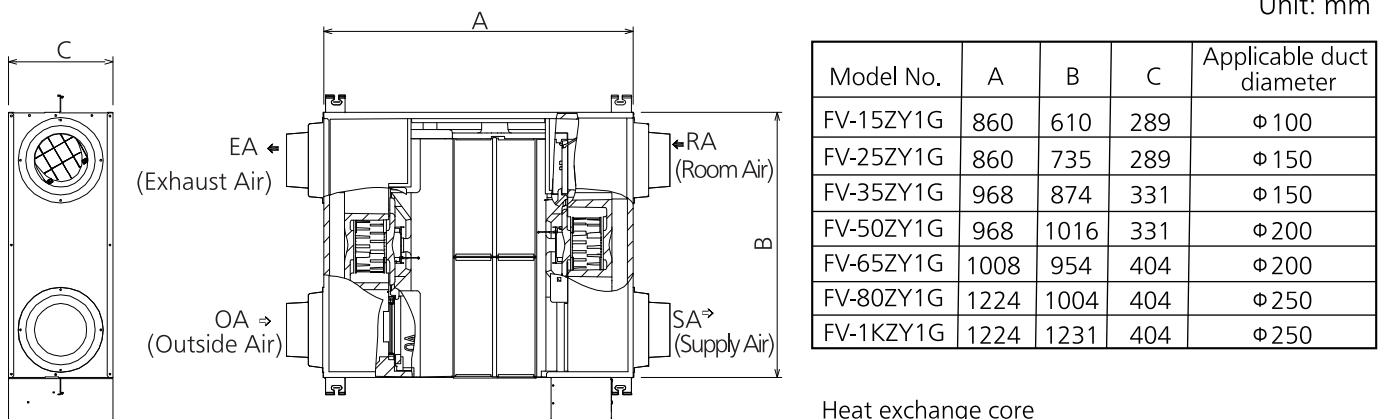
## 7. Outdoor filters

Outdoor filters conform to F7 class of EN 779 standard.

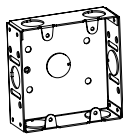
# PART NAMES AND DIMENSIONS

■ FV-15ZY1G, FV-25ZY1G, FV-35ZY1G, FV-50ZY1G, FV-65ZY1G, FV-80ZY1G, FV-1KZY1G

Unit: mm



Remote Control



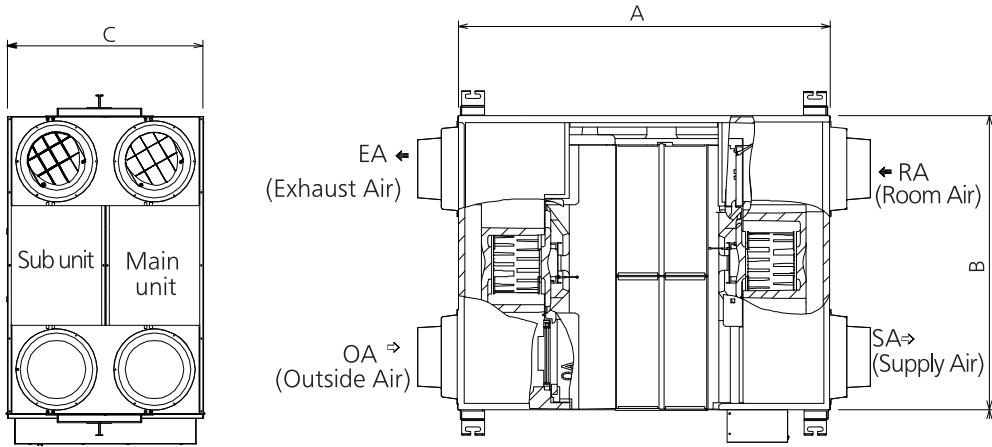
Switch Box

# PART NAMES AND DIMENSIONS

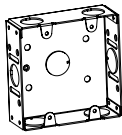
■ FV-1HZY1G, FV-2KZY1G

Unit: mm

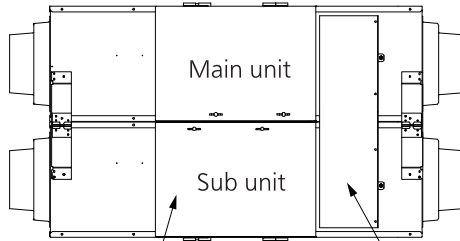
| Model No. | A    | B    | C   | Applicable duct diameter |
|-----------|------|------|-----|--------------------------|
| FV-1HZY1G | 1224 | 1004 | 808 | Φ250                     |
| FV-2KZY1G | 1224 | 1231 | 808 | Φ250                     |



Remote Control

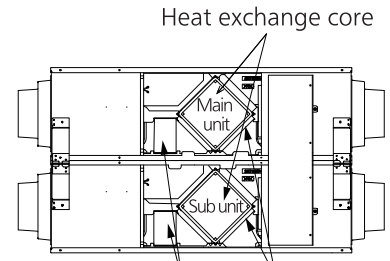


Switch Box



Inspection cover

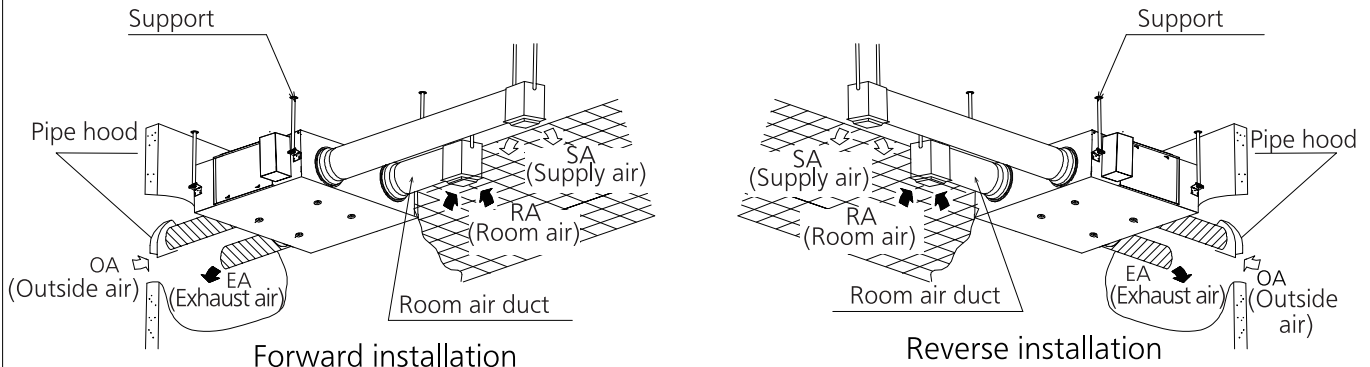
Electrical equipment box



Outdoor filter RA filter

## MODEL INSTALLATION

■ FV-15ZY1G, FV-25ZY1G, FV-35ZY1G, FV-50ZY1G, FV-65ZY1G, FV-80ZY1G, FV-1KZY1G



■ FV-1HZY1G, FV-2KZY1G

