

[Precautions During Installation]

- Do not perform any on-site modifications as they may cause malfunctions.
- Have installation carried out by the dealer or a professional service, following the installation manual to ensure accuracy. Incorrect installation can lead to water leakage, electric shock, or fire.
- Be sure to use the included installation parts and those specified in the requirements. Using unspecified parts can result in product drop, water leakage, electric shock, or fire.
- Install the unit on a surface strong enough to bear its weight. Inadequate strength may lead to product drop and injury.
- Prepare for strong winds and earthquakes, such as a typhoon, by conducting the specified installation work. Incomplete installation work can cause accidents due to falling.
- Ensure the outdoor air intake does not directly channel air from the exhaust outlet, as this can contaminate indoor air and cause health issues.
- Position the outdoor air intake where it will not inhale exhaust gases like combustion gases. Inadequate placement may lead to indoor oxygen deficiency and serious accidents.
- Choose an installation location meeting the following conditions with client approval:
 - Suitable strength and stability (e.g., beams, ceilings capable of bearing the product weight). Use suspension bolts for installation, ensuring the location can support the product weight. If necessary, reinforce with girders before installing suspension bolts. Inadequate strength can lead to product drop and injury, as well as cause vibration and abnormal noise.
 - Free of obstructions in airflow paths.
 - Not in contact with ceilings or walls. Contact can cause vibrations.
 - Sufficient space for installation, maintenance workspace, and duct connections. Provide maintenance space and inspection ports for air filter and heat exchange element maintenance (cleaning).
 - Verify with external dimensions to ensure necessary maintenance space and inspection ports.
 - Free from flammable gas leaks.
 - Ceiling materials installed (installation location should be restricted to above ceilings). Without ceiling materials, operational noise might be noticeable in quiet environments.
- Do not install the unit upside down or at an angle.
- During and after unpacking, transport the product by holding the hanging brackets (four locations). Applying force to parts other than the hanging brackets (especially the electrical component box, supply, exhaust outlets, and duct joints) may cause deformation.
- If the unit is installed from the ceiling with short suspension bolts, resonating with the ceiling may cause abnormal noise. Implement anti-vibration measures on the suspension bolts. If the noise seems to originate from the spiral duct connection, switch to a flexible duct.
- Do not place electrical or electronic equipment, or objects that should not get wet, under the Heat Reclaim Ventilator.
- Condensation from the Heat Reclaim Ventilator may lead to damage or soiling if the outdoor air or site conditions involve high temperature and humidity, if the unit operates for long periods with humidity over 80%, if the drain outlet is clogged, or if the air filter is dirty.
- When using cool tubes or pits to fresh air from outdoors (OA) , avoid installations that overcool and exceed fresh air from outdoors (OA) relative humidity conditions at the Heat Reclaim Ventilator's outdoor air intake. This may cause water leakage or product malfunctions.
- Do not insert materials between the hanging brackets and washers. If the properly specified washers are not correctly installed as instructed in the installation manual, the suspension bolts may detach from the hanging brackets.
- If not installed horizontally, there is an increased risk of water leakage due to the conditions of the outdoor air and site environment. Ensure installation within a 1° incline.
- If the temperature and humidity in the installation location exceed 30°C and 80% RH, additional insulation should be applied to the product.
- Use insulation material, such as glass wool or polyethylene foam, with a thickness of 10mm or more, while ensuring it fits within the ceiling opening.