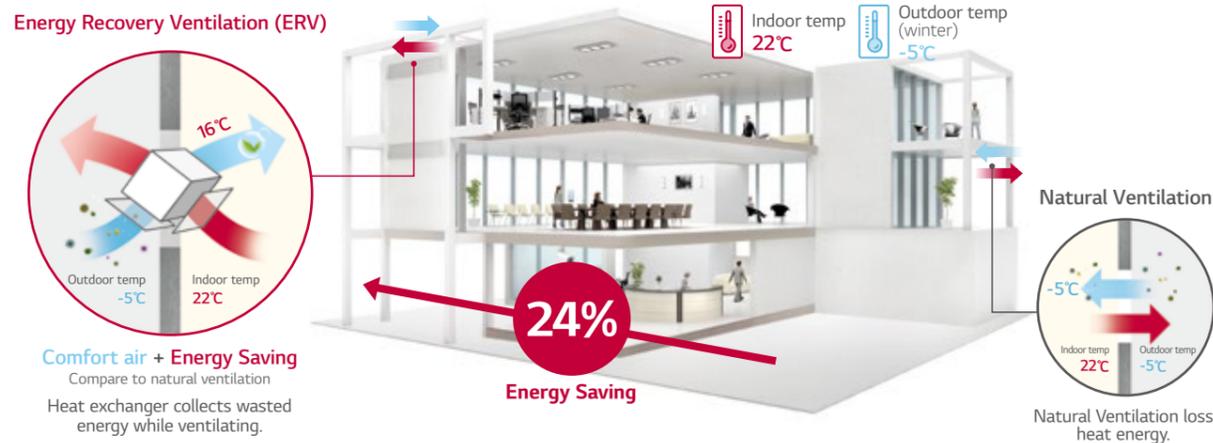


# ENERGY RECOVERY VENTILATION (ERV)



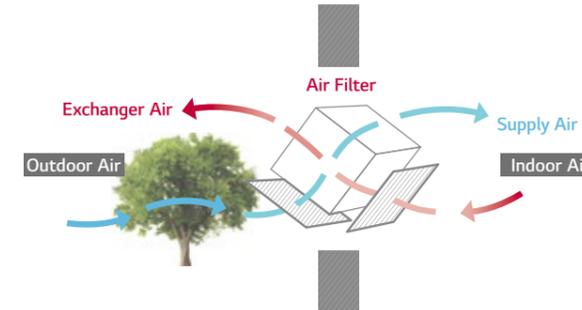
## NECESSITY OF ERV



## HIGH EFFICIENCY

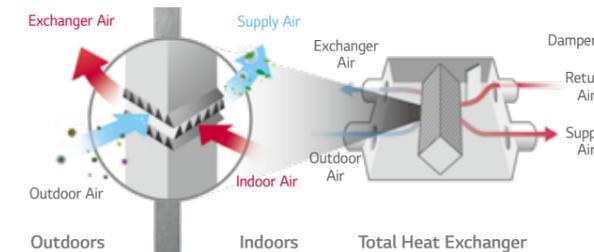
### High Efficiency Heat Exchanger

Efficiency and comfort is ensured through the high-efficiency energy recovery central core which recovers energy from the indoor air and transfers it to the fresh incoming air without mixing the air stream.



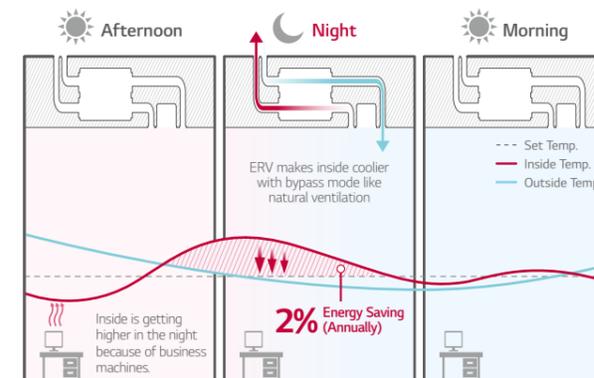
### Exhaust System

The exhaust system uses a high static sirocco fan to effectively remove contaminants from indoor air. Supply and exhaust air flows are completely separated in the heat exchanger, allowing the LG ERV to filter out impurities before supplying outdoor air to ensure indoor air is fresh and healthy.



### Night Time Free Cooling

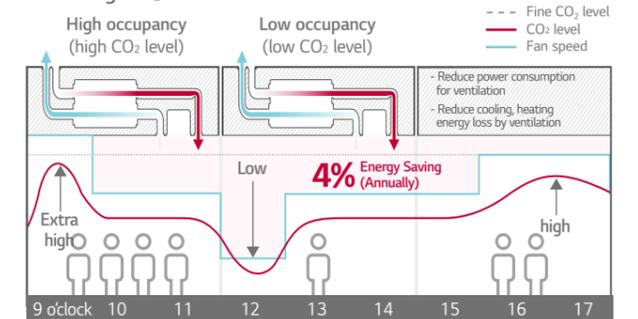
During summer nights, indoor heat can be discharged outdoors and cool outdoor air can be brought indoors for energy savings.



※ This function is operated with 'Night Time Free Cooling' on remote controller. (with MULTI V only)  
 ※ Energy saving ratio can be differed by weather condition.  
 ※ Test Condition  
 - Office (49,000ft²) / Occupancy : 30 / Area : London, UK  
 - ERV (1000 CMH) + MULTI V 4 (12HP) Unit Combination  
 - Other conditions are subject to BREEAM.

### CO<sub>2</sub> Auto Operation

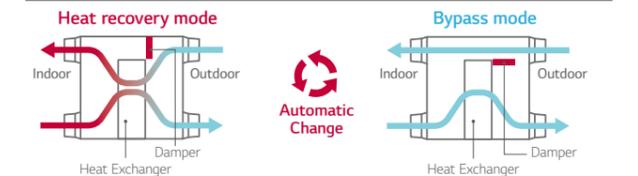
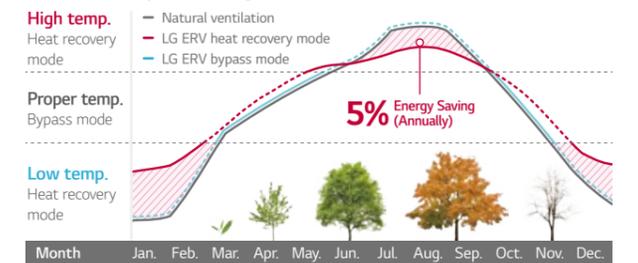
LG ERV reduces energy loss with auto fan speed control following CO<sub>2</sub> level



※ This function is operated with 'Night Time Free Cooling' on remote controller. (with MULTI V only)  
 ※ Energy saving ratio can be differed by weather condition.  
 ※ Test Condition - Office (49,000ft²) / Occupancy : 30 / Area : London, UK  
 - ERV (1000 CMH) + MULTI V 4 (12HP) Unit Combination  
 - Other conditions are subject to BREEAM.

### Seasonal Auto Operation

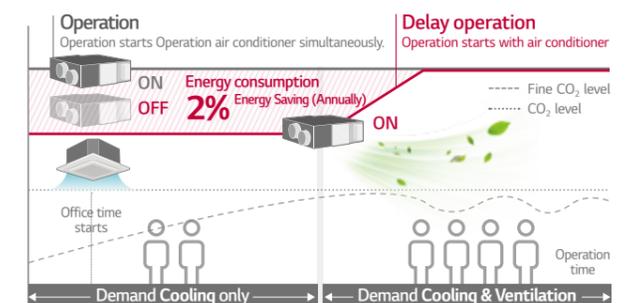
LG ERV senses outdoor temperature and operates automatically following weather condition.



※ This function is operated with 'Auto' mode by wired remote control.  
 ※ Energy saving ratio can be differed by weather condition.  
 ※ Test Condition - Office (49,000ft²) / Occupancy : 30 / Area : London, UK  
 - ERV (1,000 CMH) + MULTI V 4 (12HP) Unit Combination  
 - Other conditions are subject to BREEAM.

### Delay Operation

When the air conditioner and ERV are switched on simultaneously, delay operation can reduce unnecessary heating and cooling energy loss by slowing down automatic ERV operation.



※ This function is operated with 'Night Time Free Cooling' on remote controller. (with MULTI V only)  
 ※ Energy saving ratio can be differed by weather condition.  
 ※ Test Condition - Office (49,000ft²) / Occupancy : 30 / Area : London, UK  
 - ERV (1000 CMH) + MULTI V 4 (12HP) Unit Combination  
 - Other conditions are subject to BREEAM.

# COMFORT & RELIABILITY

## CO<sub>2</sub> Level Monitoring

CO<sub>2</sub> sensor senses CO<sub>2</sub> level in the room. Users can monitor CO<sub>2</sub> level on new wired remote controller, and ERV controls the fan speed automatically following the level.

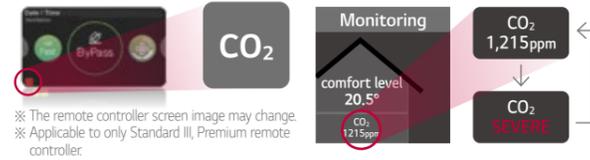
## CO<sub>2</sub> Level Visualization

CO<sub>2</sub> sensor senses indoor CO<sub>2</sub> level and displays it on new wired remote controller.



**Main display**  
If the CO<sub>2</sub> level is above 900ppm in the room, the red mark is on.

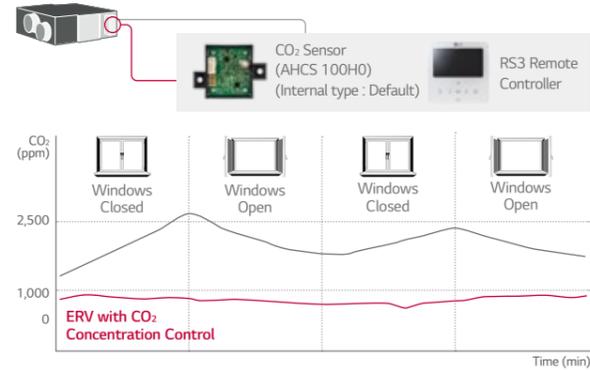
**Further information**  
CO<sub>2</sub> level and room condition are displayed continuously.



※ The remote controller screen image may change.  
※ Applicable to only Standard III, Premium remote controller

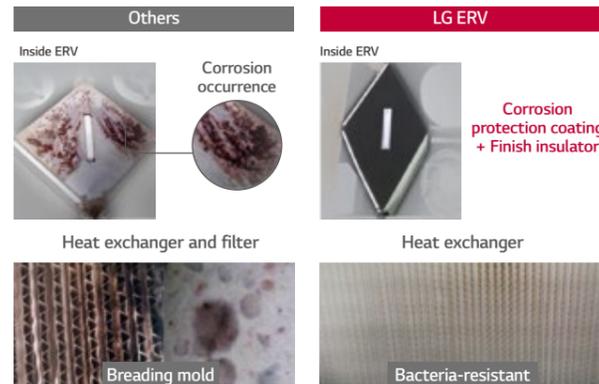
## CO<sub>2</sub> Concentration Control

Using CO<sub>2</sub> sensor, LG ERV controls exhaust air flow automatically to keep indoor air fresh under settled CO<sub>2</sub> concentration.



## High Durability

LG ERV durability is increased through bacteria-resistant material of heat exchanger and corrosion protection coating. It prevents shortening product life due to corrosion and mold and supplies high quality air to inside by minimizing the bacteria.



# CONVENIENCE

## Easy Control

Wired remote controller is easy for usage.



**Easy**  
• Navigation buttons, easy to use.  
• Easy installation setting



**Convenient**  
• Flexible display  
• Dual display with air conditioner.  
• Zoom selected directory to increase legibility.



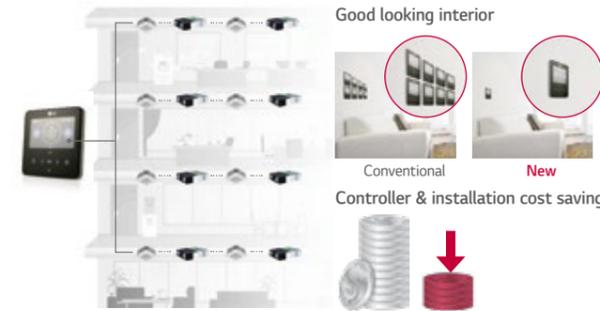
**Visible**  
• Indoor CO<sub>2</sub> level  
• Alarm for filter change / Remained time to change filters

## Group Control

1 wired remote controller up to 16 ERV (Including air conditioner). It is convenient for large common space such as lobby.

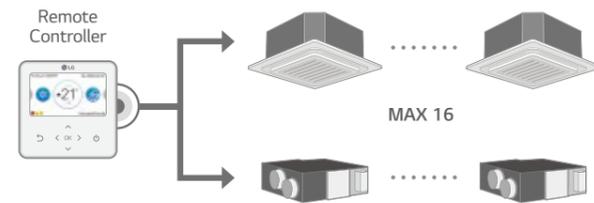
## Several units combination

16 units group control is available with 1 remote controller.



## Interlocking with Air Conditioning System

- LG ERV can be interlocked with air conditioners and controlled individually.
- This function can be operated when the system is connected with 1 remote controller.



# CONVENIENCE

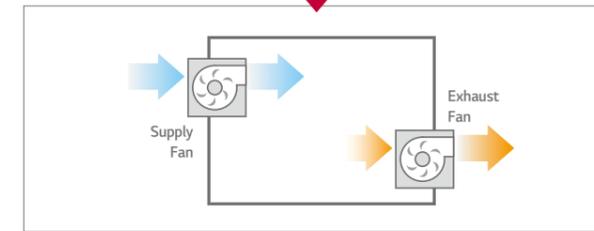
## Fast Ventilation Mode

Fast ventilation mode prevents the spread of contaminants under negative indoor pressure, and makes indoor air fresh and comfortable quickly.

### Only Exhausting

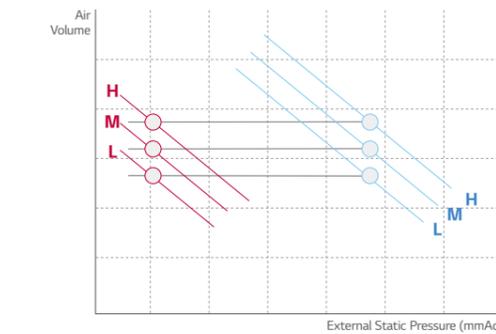


### Fast Ventilation Mode



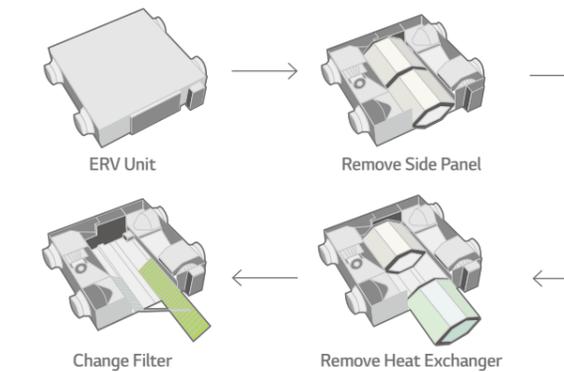
## External Static Pressure Control

The high static pressure fan can control the air volume depending on the length of the duct. It is also easy to control the pressure level by using the remote controller for a more flexible duct installation and easier testing.



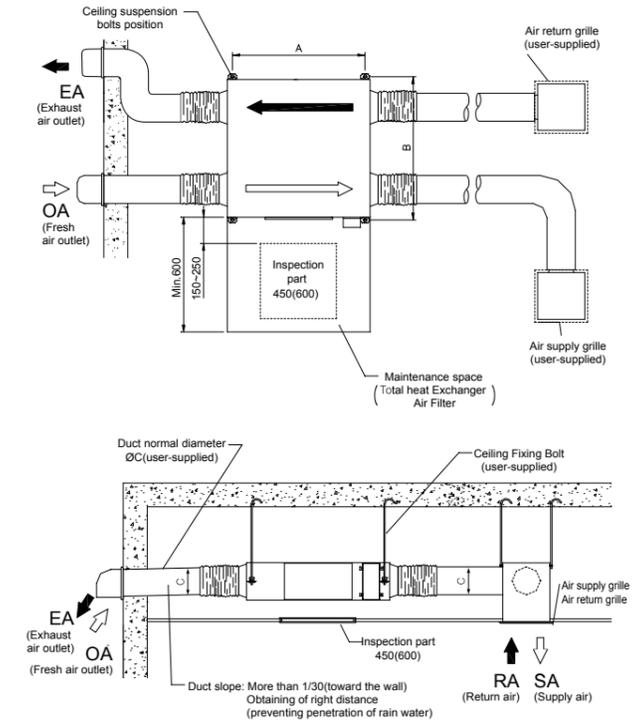
## Easy Cleaning and Filter Change

Filter can be conveniently changed and cleaned.

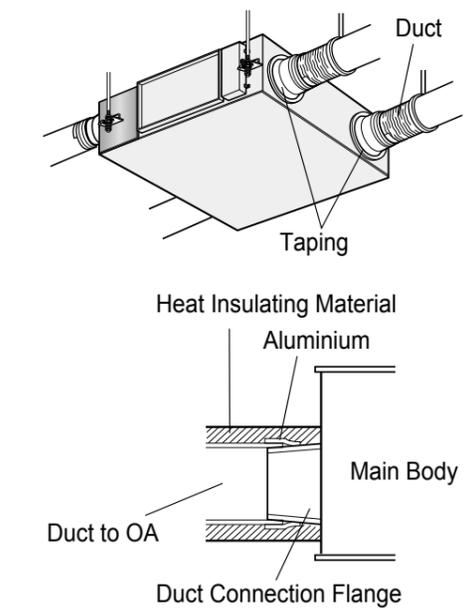


## Installation Scene

LZ-H025GBA4 / LZ-H035GBA5 / LZ-050GBA5



## Connection of Duct



VENTILATION SOLUTIONS ERV

# ERV

LZ-H025GBA4 / LZ-H035GBA5  
LZ-H050GBA5



| Model                         | Unit                            | LZ-H025GBA4             | LZ-H035GBA5               | LZ-H050GBA5        |                    |                    |
|-------------------------------|---------------------------------|-------------------------|---------------------------|--------------------|--------------------|--------------------|
| <b>Dimensions (W x H x D)</b> | Body                            | 988 x 273 x 1,014       |                           |                    |                    |                    |
| <b>Weight</b>                 | Body                            | 44                      |                           |                    |                    |                    |
| <b>Power Supply</b>           | Ø, V, Hz                        | 1, 220-240, 50/60       |                           |                    |                    |                    |
| <b>Normal Air flow</b>        | m³/h                            | 250                     | 350                       | 500                |                    |                    |
| <b>ERV Mode</b>               | Operating Step                  | Super-high / High / Low |                           |                    |                    |                    |
|                               | Current                         | SH / H / L              | A                         | 0.70 / 0.60 / 0.42 | 1.05 / 0.90 / 0.50 | 1.65 / 1.56 / 0.80 |
|                               | Power Input                     | SH / H / L              | W                         | 97 / 87 / 52       | 150 / 125 / 60     | 247 / 230 / 95     |
|                               | Air Flow                        | SH / H / L              | m³/h                      | 250 / 250 / 150    | 350 / 350 / 210    | 500 / 500 / 320    |
|                               | External Static Pressure        | SH / H / L              | Pa                        | 100 / 70 / 50      | 150 / 100 / 50     | 150 / 100 / 50     |
|                               | Temperature Exchange Efficiency | SH / H / L              | %                         | 80 / 80 / 83       | 80 / 80 / 82       | 79 / 79 / 82       |
|                               | Enthalpy Exchange Efficiency    | Heating (SH / H / L)    | %                         | 70 / 70 / 72       | 75 / 75 / 80       | 75 / 75 / 78       |
|                               |                                 | Cooling (SH / H / L)    | %                         | 66 / 66 / 68       | 71 / 71 / 75       | 68 / 68 / 75       |
|                               | Energy Label                    | A+ to G Scale           | A B B                     |                    |                    |                    |
|                               | Sound Pressure Level            | SH / H / L              | dB(A)                     | 29 / 28 / 24       | 35 / 32 / 26       | 37 / 36 / 28       |
| Sound Power Level             | SH / H / L                      | dB(A)                   | 50                        | 53 / 50 / 42       | 57 / 56 / 46       |                    |
| <b>Bypass Mode</b>            | Operating Step                  | Super-high / High / Low |                           |                    |                    |                    |
|                               | Current                         | SH / H / L              | A                         | 0.70 / 0.60 / 0.42 | 1.05 / 0.90 / 0.50 | 1.65 / 1.56 / 0.80 |
|                               | Power Input                     | SH / H / L              | W                         | 97 / 87 / 52       | 150 / 125 / 60     | 247 / 230 / 95     |
|                               | Air Flow                        | SH / H / L              | m³/h                      | 250 / 250 / 150    | 350 / 350 / 210    | 500 / 500 / 320    |
|                               | External Static Pressure        | SH / H / L              | Pa                        | 100 / 70 / 50      | 150 / 100 / 50     | 150 / 100 / 50     |
|                               | Sound Pressure Level            | SH / H / L              | dB(A)                     | 29 / 29 / 25       | 35 / 33 / 26       | 37 / 37 / 28       |
| <b>Duct Work</b>              | Qty                             | EA                      | 4                         |                    |                    |                    |
|                               | Size (Ø)                        | mm                      | Ø200                      |                    |                    |                    |
| <b>Supply Air Fan</b>         | Qty                             | EA                      | 1                         |                    |                    |                    |
|                               | Type                            |                         | Direct-Drive Sirocco      |                    |                    |                    |
| <b>Exhaust Air Fan</b>        | Qty                             | EA                      | 1                         |                    |                    |                    |
|                               | Type                            |                         | Direct-Drive Sirocco      |                    |                    |                    |
| <b>Filters</b>                | Qty                             | EA                      | 2                         |                    |                    |                    |
|                               | Type                            |                         | Cleanable fibrous fleeces |                    |                    |                    |
|                               | Size (W x H x D)                | mm                      | 855 x 10 x 166            |                    |                    |                    |

- Note : 1. ERV mode : Total Heat Recovery Ventilation mode  
 2. Refer to dimensional drawings.  
 3. Noise level :  
 - The operating conditions are assumed to be standard.  
 - Sound measured at 1.5m below the center the body.  
 - Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.  
 - The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.  
 4. Temperature and Enthalpy Exchange Efficiency at cooling Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH  
 5. Temperature and Enthalpy Exchange Efficiency at heating Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH  
 6. Temperature Exchange efficiency is tested at heating condition.

## Accessories

| Chassis                                 | LZ-H025GBA4 | LZ-H035GBA5                                       | LZ-H050GBA5 |
|---|-------------|---|-------------|
| Drain Pump                              | -           | -   | -           |
| Cassette Cover                          | -           | -   | -           |
| Refrigerant Leakage Detector            | -           | -   | -           |
| EEV Kit                                 | -           | -   | -           |
| Independent Power Module                | -           | -   | -           |
| Robot Cleaner                           | -           | -   | -           |
| Pre Filter (Washable)                   | -           | -   | -           |
| Ion Generator                           | -           | -   | -           |
| CO <sub>2</sub> Sensor                  | ○           | -   | -           |
| Ventilation Kit                         | -           | -   | -           |
| IR Receiver                             | -           | -   | -           |
| Zone Controller                         | -           | -   | -           |
| Dry Contact (with additional accessory) | -           | PDRYCB000 (1 point contact)<br>PDRYCB500 (Modbus) | -           |
| External Input (1 point)                | -           | -   | -           |
| Wi-Fi                                   | -           | -   | -           |

※ ○ : Applied, - : Not applied  
 Option : Refer to model name in table

# ERV

LZ-H080GBA5 / LZ-H100GBA5  
LZ-H150GBA5 / LZ-H200GBA5



| Model                         | Unit                            | LZ-H080GBA5             | LZ-H100GBA5               | LZ-H150GBA5         | LZ-H200GBA5               |                       |                       |
|-------------------------------|---------------------------------|-------------------------|---------------------------|---------------------|---------------------------|-----------------------|-----------------------|
| <b>Dimensions (W x H x D)</b> | Body                            | 1,101 x 405 x 1,230     |                           | 1,353 x 815 x 1,230 |                           |                       |                       |
| <b>Weight</b>                 | Body                            | 63                      |                           | 130                 |                           |                       |                       |
| <b>Power Supply</b>           | Ø, V, Hz                        | 1, 220-240, 50/60       |                           |                     |                           |                       |                       |
| <b>Normal Air flow</b>        | m³/h                            | 800                     | 1,000                     | 1,500               | 2,000                     |                       |                       |
| <b>ERV Mode</b>               | Operating Step                  | Super-high / High / Low |                           |                     |                           |                       |                       |
|                               | Current                         | SH / H / L              | A                         | 2.13 / 1.75 / 1.00  | 2.92 / 2.38 / 1.40        | 4.26 / 3.50 / 2.00    | 5.92 / 4.76 / 2.80    |
|                               | Power Input                     | SH / H / L              | W                         | 328 / 266 / 144     | 463 / 370 / 208           | 660 / 530 / 290       | 926 / 740 / 420       |
|                               | Air Flow                        | SH / H / L              | m³/h                      | 800 / 800 / 660     | 1,000 / 1,000 / 800       | 1,500 / 1,500 / 1,200 | 2,000 / 2,000 / 1,600 |
|                               | External Static Pressure        | SH / H / L              | Pa                        | 160 / 100 / 50      | 160 / 100 / 50            | 160 / 100 / 50        | 160 / 100 / 50        |
|                               | Temperature Exchange Efficiency | SH / H / L              | %                         | 82 / 82 / 83        | 80 / 80 / 81              | 82 / 82 / 83          | 80 / 80 / 81          |
|                               | Enthalpy Exchange Efficiency    | Heating (SH / H / L)    | %                         | 73 / 73 / 76        | 71 / 71 / 73              | 73 / 73 / 76          | 71 / 71 / 73          |
|                               |                                 | Cooling (SH / H / L)    | %                         | 66 / 66 / 70        | 64 / 64 / 67              | 66 / 66 / 70          | 64 / 64 / 67          |
|                               | Sound Pressure Level            | SH / H / L              | dB(A)                     | 40 / 36 / 32        | 40 / 37 / 33              | 43 / 39 / 35          | 43 / 40 / 36          |
|                               | Sound Power Level               | SH / H / L              | dB(A)                     | 56 / 53 / 47        | 59 / 56 / 52              | 59 / 56 / 50          | 62 / 59 / 55          |
| <b>Bypass Mode</b>            | Operating Step                  | Super-high / High / Low |                           |                     |                           |                       |                       |
|                               | Current                         | SH / H / L              | A                         | 2.13 / 1.75 / 1.00  | 2.92 / 2.38 / 1.40        | 4.26 / 3.50 / 2.00    | 5.92 / 4.76 / 2.80    |
|                               | Power Input                     | SH / H / L              | W                         | 328 / 266 / 144     | 463 / 370 / 208           | 660 / 530 / 290       | 926 / 740 / 420       |
|                               | Air Flow                        | SH / H / L              | m³/h                      | 800 / 800 / 660     | 1,000 / 1,000 / 800       | 1,500 / 1,500 / 1,200 | 2,000 / 2,000 / 1,600 |
|                               | External Static Pressure        | SH / H / L              | Pa                        | 160 / 100 / 50      | 160 / 100 / 50            | 160 / 100 / 50        | 160 / 100 / 50        |
|                               | Sound Pressure Level            | SH / H / L              | dB(A)                     | 41 / 37 / 33        | 41 / 38 / 34              | 44 / 40 / 36          | 44 / 41 / 37          |
| <b>Duct Work</b>              | Qty                             | EA                      | 4                         |                     | 4 + 2                     |                       |                       |
|                               | Size (Ø)                        | mm                      | Ø250                      |                     | Ø250 + Ø350               |                       |                       |
| <b>Supply Air Fan</b>         | Qty                             | EA                      | 1                         |                     | 2                         |                       |                       |
|                               | Type                            |                         | Direct-Drive Sirocco      |                     | Direct-Drive Sirocco      |                       |                       |
| <b>Exhaust Air Fan</b>        | Qty                             | EA                      | 1                         |                     | 2                         |                       |                       |
|                               | Type                            |                         | Direct-Drive Sirocco      |                     | Direct-Drive Sirocco      |                       |                       |
| <b>Filters</b>                | Qty                             | EA                      | 2                         |                     | 4                         |                       |                       |
|                               | Type                            |                         | Cleanable fibrous fleeces |                     | Cleanable fibrous fleeces |                       |                       |
|                               | Size (W x H x D)                | mm                      | 1,148 x 6 x 245           |                     | 1,148 x 6 x 245           |                       |                       |

- Note : 1. ERV mode : Total Heat Recovery Ventilation mode  
 2. Refer to dimensional drawings.  
 3. Noise level :  
 - The operating conditions are assumed to be standard.  
 - Sound measured at 1.5m below the center the body.  
 - Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.  
 - The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.  
 4. Temperature and Enthalpy Exchange Efficiency at cooling Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH  
 5. Temperature and Enthalpy Exchange Efficiency at heating Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH  
 6. Temperature Exchange efficiency is tested at heating condition.

## Accessories

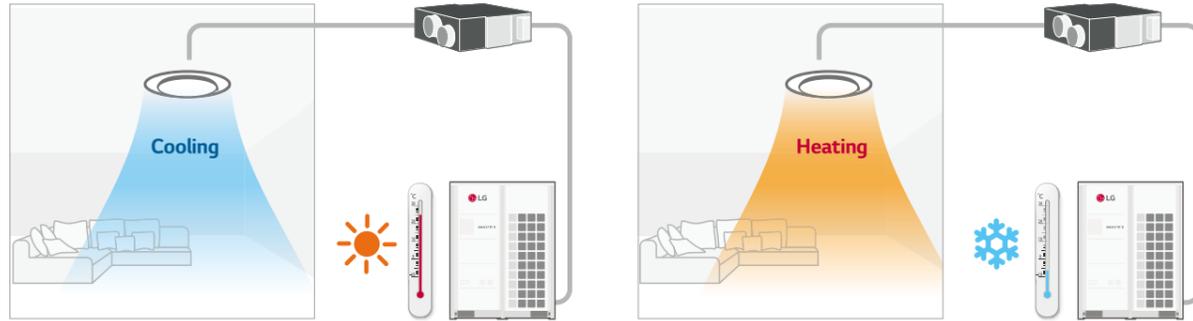
| Chassis                                 | LZ-H080GBA5 | LZ-H100GBA5                                       | LZ-H150GBA5 | LZ-H200GBA5 |
|---|-------------|---|-------------|-------------|
| Drain Pump                              | -           | -   | -           | -           |
| Cassette Cover                          | -           | -   | -           | -           |
| Refrigerant Leakage Detector            | -           | -   | -           | -           |
| EEV Kit                                 | -           | -   | -           | -           |
| Independent Power Module                | -           | -   | -           | -           |
| Robot Cleaner                           | -           | -   | -           | -           |
| Pre Filter (Washable)                   | -           | -   | -           | -           |
| Ion Generator                           | -           | -   | -           | -           |
| CO <sub>2</sub> Sensor                  | -           | ○   | -           | -           |
| Ventilation Kit                         | -           | -   | -           | -           |
| IR Receiver                             | -           | -   | -           | -           |
| Zone Controller                         | -           | -   | -           | -           |
| Dry Contact (with additional accessory) | -           | PDRYCB000 (1 point contact)<br>PDRYCB500 (Modbus) | -           | -           |
| External Input (1 point)                | -           | -   | -           | -           |
| Wi-Fi                                   | -           | -   | -           | -           |

※ ○ : Applied, - : Not applied  
 Option : Refer to model name in table

# ERV WITH DX COIL

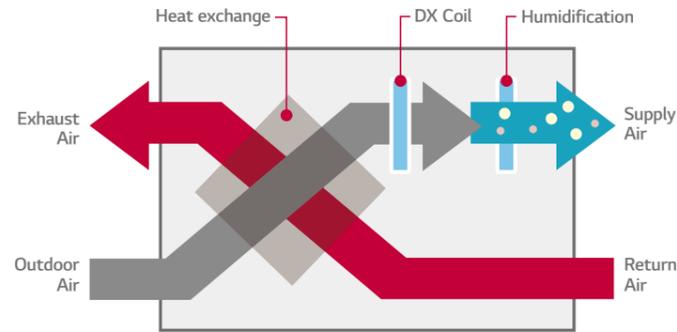
## Providing Cool & Warm Fresh Air

During the summer, ERV DX can transform outdoor warm air into cool air for indoors, and it can prevent cold draft during the winter by supplying warm air.



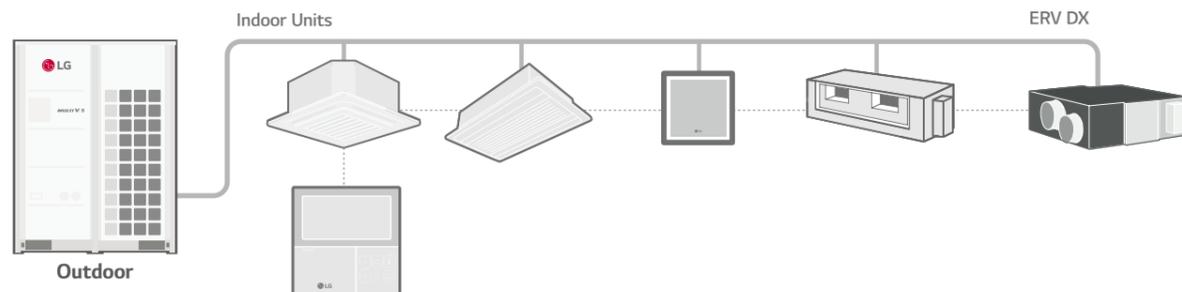
## Total Air Conditioning Solution

LG ERV DX can be used as a Total Air Conditioning Solution. It can control condition of incoming air with the DX coil and humidifier for making comfortable indoor air. In the summer, LG ERV DX provides air conditioning by cooling and dehumidifying incoming air. During winter, warm air is provided by heating and humidifying incoming air.



## Interlocking with MULTI V

LG ERV DX can be interlocked with MULTI V. It can be controlled individually by a wired remote controller connected to MULTI V indoor units.



# ERV WITH DX COIL

LZ-H050GXH4 / LZ-H080GXH4  
LZ-H100GXH4 / LZ-H050GXN4  
LZ-H080GXN4 / LZ-H100GXN4



| Model                           |  | LZ-H050GXH4              | LZ-H080GXH4         | LZ-H100GXH4  | LZ-H050GXN4         | LZ-H080GXN4         | LZ-H100GXN4        |
|---------------------------------|--|--------------------------|---------------------|--|---------------------|---------------------|--------------------|
| Fresh Air                       | Cooling  | kW                       | 4.93                | 7.46   | 9.12                | 4.93                | 7.46               |
| Conditioning Load               | Heating  | kW                       | 6.73                | 9.80   | 11.72               | 6.73                | 9.80               |
| Temperature Exchange Efficiency | SH / H / L   | %                        | 86 / 86 / 87        | 80 / 80 / 81   | 76 / 76 / 78        | 86 / 86 / 87        | 80 / 80 / 81       |
| Enthalpy Exchange Efficiency    | Cooling (SH / H / L)   | %                        | 61 / 61 / 63        | 50 / 50 / 53   | 45 / 45 / 50        | 61 / 61 / 63        | 50 / 50 / 53       |
| Operation Range                 | Heating (SH / H / L)   | %                        | 76 / 76 / 77        | 67 / 67 / 69   | 64 / 64 / 66        | 76 / 76 / 77        | 67 / 67 / 69       |
| Air Flow Rate                   | Outdoor air Temperature  | °C                       | -15 ~ 45            | -15 ~ 45   | -15 ~ 45            | -15 ~ 45            | -15 ~ 45           |
| Fan                             | Heat Exchange Mode (SH / H / L)                                    | CMH                      | 500 / 500 / 440     | 800 / 800 / 640  | 1,000 / 1,000 / 820 | 500 / 500 / 440     | 800 / 800 / 640    |
|                                 | Bypass Mode (SH / H / L)   | CMH                      | 500 / 500 / 440     | 800 / 800 / 640  | 1,000 / 1,000 / 820 | 500 / 500 / 440     | 800 / 800 / 640    |
| Humidifier                      | External Static Pressure (SH / H / L)                              | Pa                       | 160 / 120 / 100     | 140 / 90 / 70  | 110 / 70 / 60       | 180 / 150 / 110     | 170 / 120 / 80     |
|                                 | System   | Natural Evaporating Type | -                   | -  | -                   | -                   | -                  |
| Sound Pressure                  | Amount   | kg/h                     | 2.70                | 4.00   | 5.40                | -                   | -                  |
|                                 | Pressure Feed Water  | Mpa                      | -                   | 0.02 ~ 0.49  | -                   | -                   | -                  |
| Refrigerant                     | Heat Exchange Mode (SH / H / L)                                    | dB(A)                    | 38 / 36 / 33        | 39 / 37 / 34   | 40 / 38 / 35        | 39 / 37 / 35        | 41 / 38 / 36       |
|                                 | Bypass Mode (SH / H / L)   | dB(A)                    | 39 / 37 / 34        | 40 / 38 / 35   | 40 / 38 / 35        | 39 / 37 / 35        | 41 / 38 / 36       |
| Power Supply                    | Ø, V, Hz   | 1, 220-240, 50/60        |                     |  |                     |                     |                    |
| Power Input (Nominal)           | Heat Exchange Mode (SH / H / L)                                    | kW                       | 0.25 / 0.20 / 0.15  | 0.42 / 0.35 / 0.25   | 0.48 / 0.42 / 0.27  | 0.25 / 0.20 / 0.15  | 0.42 / 0.35 / 0.25 |
|                                 | Bypass Mode (SH / H / L)   | kW                       | 0.25 / 0.20 / 0.15  | 0.42 / 0.35 / 0.25   | 0.48 / 0.42 / 0.27  | 0.25 / 0.20 / 0.15  | 0.42 / 0.35 / 0.25 |
| Nominal Running Current (RLA)   | Heat Exchange Mode (SH / H / L)                                    | A                        | 1.5 / 1.3 / 1.0     | 2.5 / 2.0 / 1.5  | 3.6 / 3.2 / 2.3     | 1.5 / 1.3 / 1.0     | 2.5 / 2.0 / 1.5    |
|                                 | Bypass Mode (SH / H / L)   | A                        | 1.5 / 1.3 / 1.0     | 2.5 / 2.0 / 1.5  | 3.6 / 3.2 / 2.3     | 1.5 / 1.3 / 1.0     | 2.5 / 2.0 / 1.5    |
| Heat Exchange System            | Air to air cross flow total heat (Sensible + Latent heat) exchange |                          |                     | Air to air cross flow total heat (Sensible + Latent heat) exchange |                     |                     |                    |
| Heat Exchange Element           | Specially processed non-flammable paper                            |                          |                     | Specially processed non-flammable paper                            |                     |                     |                    |
| Air Filter                      | Multidirectional fibrous fleeces                                   |                          |                     | Multidirectional fibrous fleeces                                   |                     |                     |                    |
| Dimensions                      | W x H x D  | mm                       | 1,667 x 365 x 1,140 |  |                     | 1,667 x 365 x 1,140 |                    |
| Net Weight                      |  | kg                       | 105                 |  |                     | 98                  |                    |
|                                 | Liquid   | mm                       | Ø6.35               |  |                     | Ø6.35               |                    |
|                                 | Gas  | mm                       | Ø12.7               |  |                     | Ø12.7               |                    |
| Piping Connection               | Water  | mm                       | Ø6.35               |  |                     | -                   |                    |
|                                 | Drain Pipe (Internal Dia.)   | mm (inch)                | Ø25 (1)             |  |                     | Ø25 (1)             |                    |
| Connection Duct Diameter        |  | mm                       | Ø250                |  |                     | Ø250                |                    |

Note : 1. Cooling Capacity Test condition - Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB  
2. Heating Capacity Test condition - Indoor temperature : 20°C DB / Outdoor temperature : 7°C DB, 6°C WB  
3. Humidifying capacity is based on the following conditions - Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB  
4. Cooling and heating capacities are based on the following conditions. ; Fan is based on High and Super-high.  
5. The operating sound measured at the point 1.5 m below the center of the unit is converted to that measured at an anechoic chamber.  
6. The specifications, designs and information here are subject to change without notice.

## Accessories

| Chassis                                 | LZ-H050GXH4 | LZ-H080GXH4 | LZ-H100GXH4 | LZ-H050GXN4                 | LZ-H080GXN4        | LZ-H100GXN4 |
|---|-------------|-------------|-------------|-----------------------------|--------------------|-------------|
| Drain Pump                              | -           | -           | -           | -                           | -                  | -           |
| Cassette Cover                          | -           | -           | -           | -                           | -                  | -           |
| Refrigerant Leakage Detector            | -           | -           | -           | PRLDNV50                    | -                  | -           |
| EEV Kit                                 | -           | -           | -           | -                           | -                  | -           |
| Independent Power Module                | -           | -           | -           | -                           | -                  | -           |
| Robot Cleaner                           | -           | -           | -           | -                           | -                  | -           |
| Pre Filter (Washable)                   | -           | -           | -           | -                           | -                  | -           |
| Ion Generator                           | -           | -           | -           | -                           | -                  | -           |
| CO <sub>2</sub> Sensor                  | -           | -           | -           | AHCS100H0                   | -                  | -           |
| Ventilation Kit                         | -           | -           | -           | -                           | -                  | -           |
| IR Receiver                             | -           | -           | -           | -                           | -                  | -           |
| Zone Controller                         | -           | -           | -           | -                           | -                  | -           |
| Dry Contact (with additional accessory) | -           | -           | -           | PDRYCB000 (1 point contact) | PDRYCB500 (Modbus) | -           |
| External Input (1 point)                | -           | -           | -           | ○                           | -                  | -           |
| Wi-Fi                                   | -           | -           | -           | -                           | -                  | -           |

※ ○ : Applied, - : Not applied  
Option : Refer to model name in table