

# ERV

LZ-H025GBA4 / LZ-H035GBA5  
LZ-H050GBA5



Model		Unit	LZ-H025GBA4	LZ-H035GBA5	LZ-H050GBA5
Dimensions (W x H x D)	Body	mm	988 x 273 x 1,014		
Weight	Body	kg	44		
Power Supply		Ø, V, Hz	1, 220-240, 50		
Normal Air flow		m³/h	250	350	500
ERV Mode	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	
Bypass Mode	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
Duct Work	Qty	EA	4		
	Size (Ø)	mm	Ø200		
Supply Air Fan	Qty	EA	1		
	Type		Direct-Drive Sirocco		
Exhaust Air Fan	Qty	EA	1		
	Type		Direct-Drive Sirocco		
Filters	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) PDRYCB500 (Modbus)	
External Input (1 point)			-
Wi-Fi			-

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