

1. List of Functions

◆ Basic functions of Indoor Unit

Category	Functions	LZ-H025GBA4 LZ-H035GBA5 LZ-H050GBA5	LZ-H080GBA5 LZ-H100GBA5 LZ-H150GBA5 LZ-H200GBA5
Air flow	Air supply outlet	1	1
	Airflow steps (fan/cool/heat)	3 / - / -	3 / - / -
	CO ₂ Sensor (AHCS100H0)	O	O
Air purifying	Long-life prefilter (washable / non-flamable)	O	O
	High performance Filter (ISO ePM ₁ 75% **)	O (Accessory)	X
Installation	Drain pump	X	X
	E.S.P. control*	O	O
Reliability	Self diagnosis	O	O
Convenience	Auto Restart	O	O
	Child lock*	O	O
	Forced operation	O	O
	Group control*	O	O
	Sleep mode	X	X
	Timer(on/off)	O	O
	Timer(weekly)*	O	O
	Two thermistor control*	X	X

Note

1. O : Applied, X : Not applied

Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
Accessory line-ups varies by region, so check your local catalogue or local sales material.

2. Some functions can be limited by remote controller.

3. * : These functions need to connect the wired remote controller.

** : It is accordance with EN ISO 16890:2016.

1. List of Functions

◆ Network solution Accessory List

Category		Product	Remark	LZ-H025GBA4 LZ-H035GBA5 LZ-H050GBA5 LZ-H080GBA5 LZ-H100GBA5 LZ-H150GBA5 LZ-H200GBA5
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	X
Wired Remote Controller	Simple	PQRCVCL0Q(W)	Simple	X
		PQRCHCA0Q(W)	for Hotel	X
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB100 **	Standard III (White)	O
		PREMTBB10 **	Standard III (Black)	O
	Premium	PREMTA000(A/B)	Premium	O
Dry contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication type	PDRYCB400	2 Points Dry Contact (For Setback)	X
		PDRYCB300	For 3rd party Thermostat	X
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Connected with the Indoor Units	O
	BACnet	PQNFB17C0	ACP BACnet	O
	Lonworks	PLNWKB000	ACP Lonworks	O
	Modbus	PMBUSB00A	Modbus RTU	O
Central Controller	Simple	PQCSZ250S0	AC Ez	O
	AC Ez Touch	PACEZA000	AC Ez Touch	O
	AC Smart	PACS4B000	AC Smart IV	O
		PACS5A000	AC Smart 5	O
	ACP	PACP4B000	ACP IV	O
		PACP5A000	ACP 5	O
	AC Manager	PACM5A000	AC Manager 5	O
ETC	Remote temperature sensor	PQRSTA0	-	X
	Zone controller	ABZCA	-	X
	CO ₂ Sensor	AHCS100H0	Internal type	O
	Group control wire	PZCWRCG3	0.25m	X
	2-Remo Control Wire	PZCWRC2	0.25m	X
	Extension Wire	PZCWRC1	10m	X
	High performance Filter (ISO ePM ₁ 75% ***)	AHFT035H0	250 CMH	O
		AHFT050H0	350, 500 CMH	O

Note

1. O: Possible, X: Impossible, -: Not applicable
2. *: Some advanced functions controlled by individual controller cannot be operated.
3. **: It could not be operated some functions.
4. If you need more detail, please refer to the **BECON** PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product> Control(BECON))

***: It is accordance with EN ISO 16890:2016.

2. Specifications

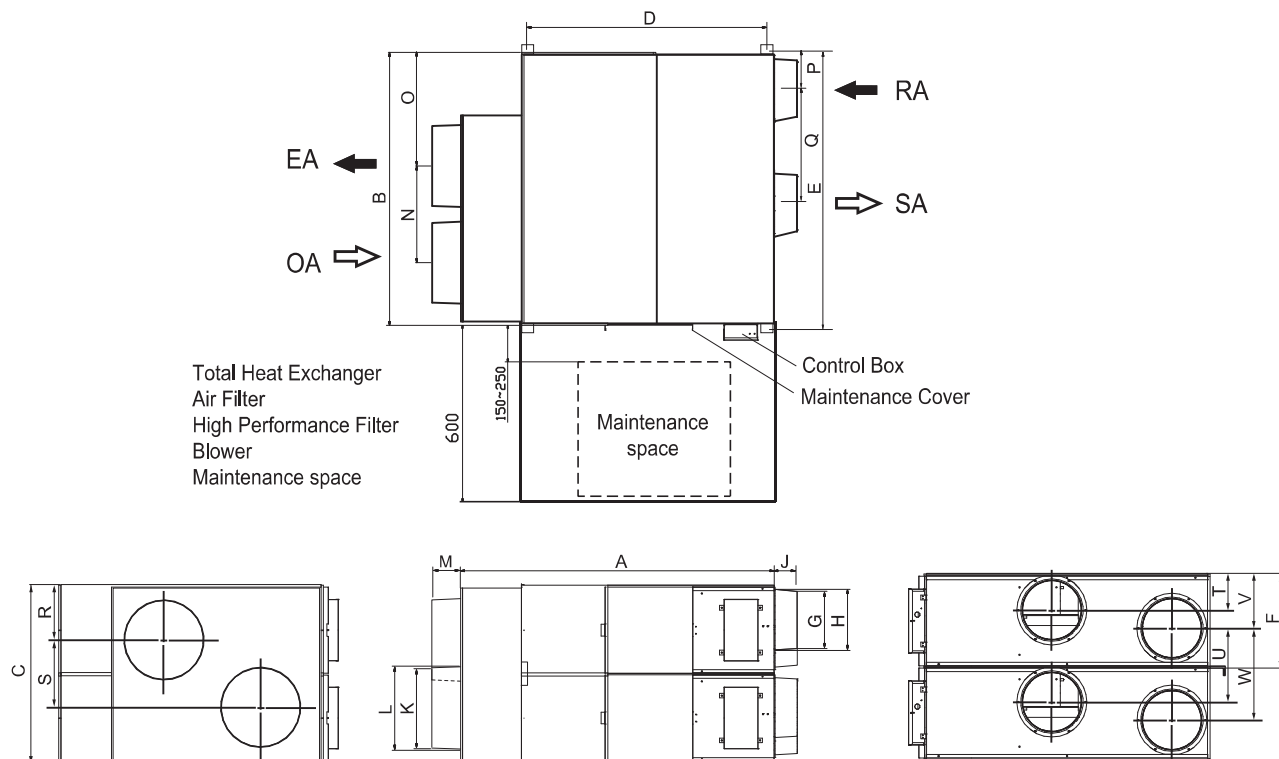
Model			Unit	LZ-H150GBA5	LZ-H200GBA5
Nominal Capacity			CMH (CFM)	1,500 (883)	2,000 (1,177)
Power Supply			Ø, V, Hz	1, 220 - 240, 50	
ERV mode	Step		-	Super-high / High / Low	
	Current	SH / H / L	Amps	4.26 / 3.50 / 2.00	5.92 / 4.76 / 2.80
	Power Input	SH / H / L	W	660 / 530 / 290	926 / 740 / 420
	Air Flow	SH / H / L	CMH (CFM)	1,500 / 1,500 / 1,200 (883 / 883 / 706)	2,000 / 2,000 / 1,600 (1,177 / 1,177 / 942)
	External Static Pressure	SH / H / L	Pa (inWTR)	160 / 100 / 50 (0.64 / 0.40 / 0.20)	160 / 100 / 50 (0.64 / 0.40 / 0.20)
	Temperature Exchange Efficiency	SH / H / L	%	81.0 / 81.0 / 83.0	79.0 / 79.0 / 80.9
	Enthalpy Exchange Efficiency	Heating (SH / H / L)	%	73 / 73 / 76	71 / 71/ 73
		Cooling (SH / H / L)	%	66 / 66 / 70	64 / 64 / 67
	Sound Pressure Level	SH / H / L	dB(A)	43 / 39 / 35	43 / 40 / 36
	Sound Power Level	SH / H / L	dB(A)	59 / 56 / 50	62 / 59 / 55
Bypass mode	Step		-	Super-high / High / Low	
	Current	SH / H / L	Amps	4.26 / 3.50 / 2.00	5.92 / 4.76 / 2.80
	Power Input	SH / H / L	W	660 / 530 / 290	926 / 740 / 420
	Air Flow	SH / H / L	CMH (CFM)	1,500 / 1,500 / 1,200 (883 / 883 / 706)	2,000 / 2,000 / 1,600 (1,177 / 1,177 / 942)
	External Static Pressure	SH / H / L	Pa (inWTR)	160 / 100 / 50 (0.64 / 0.40 / 0.20)	160 / 100 / 50 (0.64 / 0.40 / 0.20)
	Sound Pressure Level	SH / H / L	dB(A)	44 / 40 / 36	44 / 41 / 37
Heat Exchanger		Type	-	Air to Air cross flow heat exchange	
Net Weight			kg	130	
Dimension		W x H x D	mm	1,353 x 815 x 1,230	
Duct work*	Qty		EA	4 + 2	
	Size (Ø)		mm	Φ250 + Φ350	
Supply Air Fan	Qty		EA	2	
	Type		-	Direct-Drive Sirocco	
Exhaust Air Fan	Qty		EA	2	
	Type		-	Direct-Drive Sirocco	
Filters	Qty		EA	4	
	Type		-	Cleanable fibrous fleeces	
	Size (W x H x D)		mm	1,148 x 6 x 245	

Note

- Due to our policy of innovation some specifications may be changed without notification.
 - ERV mode: Total Heat Recovery Ventilation mode
 - Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
The Sound pressure level at the air discharge port is about 8dB(A) higher than the unit's operating sound.
 - Temperature and Enthalpy Exchange Efficiency are based on the following conditions.
Temperature Exchange Efficiency is tested at heating condition.
 - Cooling : Indoor Ambient Temp. 26.5°CDB / 64.5%RH, Outdoor Ambient Temp. 34.5°CDB / 75%RH
 - Heating : Indoor Ambient Temp. 20.5°CDB / 59.5%RH, Outdoor Ambient Temp. 5°CDB / 65%RH
- * : Refer to dimensional drawings.

3. Dimensional Drawings

◆ LZ-H150GBA5 / LZ-H200GBA5



Unit : mm

Model	Figure			Pitch of Suspension Fixture			Duct Connection Flange					
	A	B	C	D	E	F	G	H	J	K	L	M
LZ-H150GBA5 LZ-H200GBA5	1,352	1,230	818	1,026	1,263	361	242	253	98	340	350	130

Model	Nominal Diameter		Duct Pitch									
	EA	SA	N	O	P	Q	R	S	T	U	V	W
LZ-H150GBA5 LZ-H200GBA5	350	250	419	482	146	539	253	271	160	410	232	419