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**CUNG CẤP THIẾT BỊ CHÍNH HÃNG**



**LG COMMERCIAL**  
**AIR CONDITIONERS 2011**

Vitalizing You & Your Environment



# VITALIZING YOU & YOUR ENVIRONMENT

"LG AC company is the only brand that provides comprehensive solutions to vitalize you and your business at less cost of the natural environment"





Vitalizing you & your environment  
Air Conditioning with LG



07/ Line up

13/ Ceiling Cassette

09/ Ceiling Concealed Duct

35/ Ceiling & Floor / Ceiling Suspended










41/ Floor Standing










51/ Single Packaged

55/ Ducted Split



# 2011 Model Line-up

		Btu/h												
		9	12	18	24	28	30	36	42	48	54	60	72	96
Ceiling Cassette Type			12											
				18	24	28	30	36		48	54			
Ceiling Concealed Duct Type	 Low Static	9	12	18	24		30	36	42	48		60		
	 High Static			18	24		30	36	42	48		60		
	 High Static												72	96
			12	18	24									
							30	36		48		60		
Ceiling and Floor Type				18	24									
							30	36		48		60		

		Btu/h												
		9	12	18	24	28	30	36	42	48	54	60	72	96
Floor Standing					24									
						28								
							30							
										48				
														96
Single Packaged	 3 RT													
	 4 RT													
Ducted Split	 3,4,5 RT													
	 7.5,10 RT													



# CEILING CASSETTE

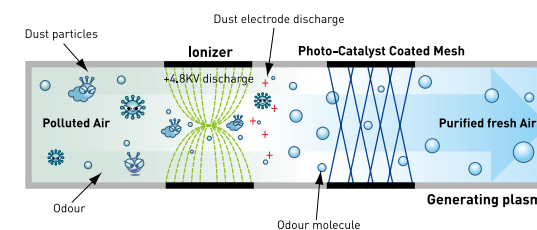
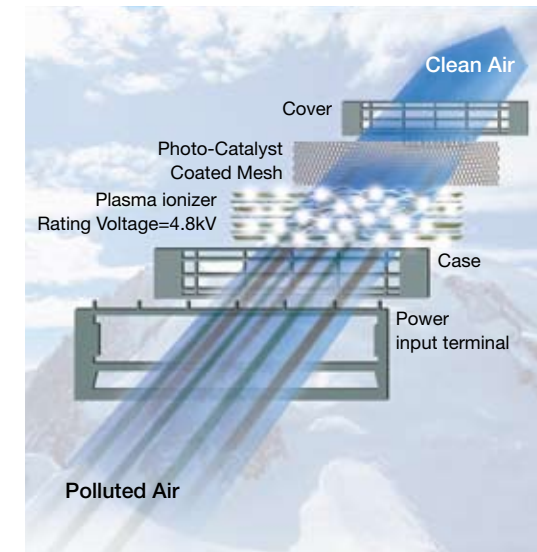
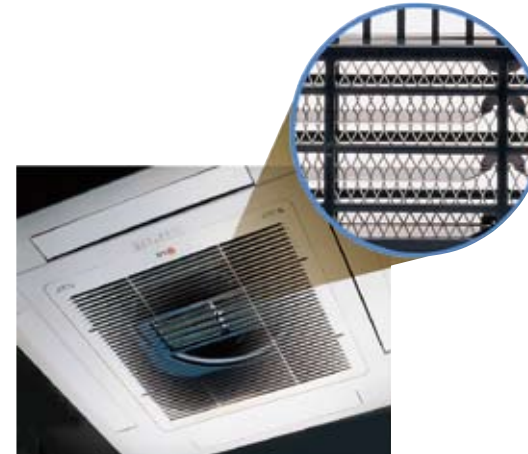
LG "Ceiling Cassette" is used for the multi-functional purpose. It can be installed in Various placed such as restaurants, hotels, offices and luxury residential. This unit has Nice outlook and is equipped with many special features. It has four vanes for the air Circulation in all directions which in turn can maintain even and wide cooling and heating. It makes your life fresh and comfortable with economic advantage.



## CEILING CASSETTE

### PLASMA Air Purifying System (Optional)

The PLASMA Air Purifying System, developed uniquely by LG, not only removes microscopic contaminants and dust, but also eliminates house mites, pollen and pet hair, to prevent allergic diseases, like asthma. With a filter that can be cleaned by simply washing it with water, and used over and over again, you can enjoy clean, fresh air without the cost of regular filter changes.



### Two Thermistor (Unit Body and Remote Controller)

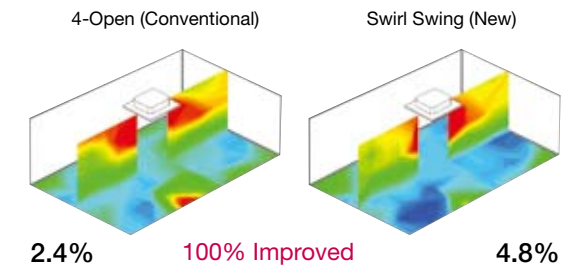
There may be a significant difference between the temperature taken at the installed product and indoor temperature. Dual thermistor control provides option to control temperature by referring any of the two temperatures. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.

### Group Control

It enables to control up to 16 units with the help of one wired remote controller. All the units will follow same setting of temperature & other sub functions.

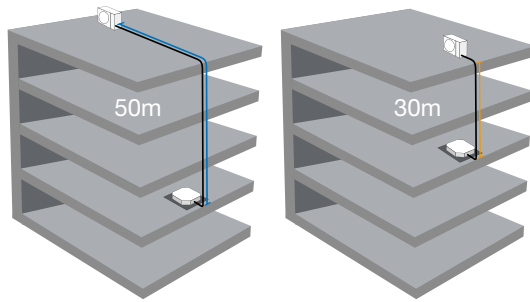
### Swirl Swing

Even cooling down to the floor by Swirl Swing



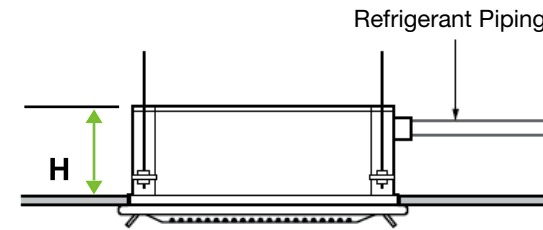
### Long Distance(50m) High Elevation(30m)

LG Air Conditioners (Cassette and Duct-type models) can be installed at long distances (max 50m) and high height differences (30m) from the outdoor unit.



### Quick and Easy to Installation

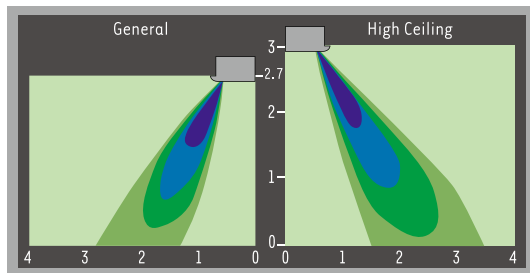
Compact body ensure space saving installation



Capacity	H (mm)
18k~30k	225
36k~48k	288

### High Ceiling Operation

According to the ceiling height, the speed of the internal fan can be adjusted with a sliding switch on the back of the wired remote control unit.



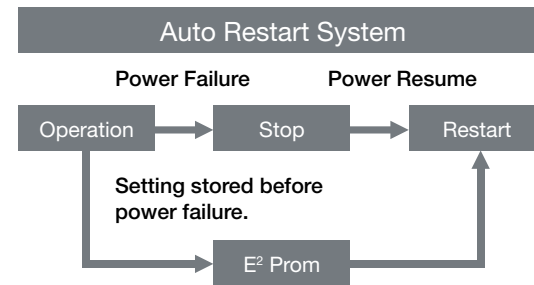
### Wireless Remote Controller(Optional)

Simple and sophisticated operations.



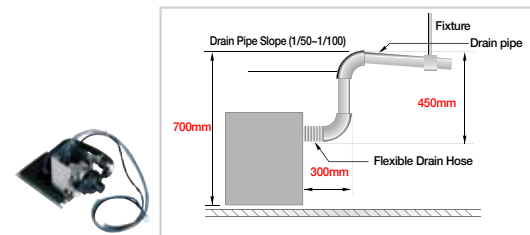
### Auto Restart Function

In case of a sudden power failure, this feature will automatically restore the A/C to its previous settings when power returns.



### High Head Drain Pump

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.



(Accessory:ABDPG)

### Fast Cooling

Jet Cool Function is quick cooling. In this mode, strong and cool air is blown at highest speed to cool down the room temperature targeting to reach 18°C.

- LT-C1260CL
- LT-C1260HL



### Specifications

		LT-C1260CL		LT-C1260HL	
Power Supply		F/Panel	1/220-240/50	1/220-240/50	
Capacity	Cooling	Ø / V / Hz			
		kW	3.52	3.52	
		Btu/h	12,000	12,000	
Heating	kW	-	-	3.52	
	Btu/h	-	-	12,000	
	Power Input	Cooling	kW	1,200	1,200
EER	Cooling	kW	-	1,100	
		Btu/h/W	10.00	10.00	
Heating	Btu/h/W	-	-	10.91	
	Running Current	Cooling	A	5.5	5.5
Air flow rate (H/M/L)	Heating	A	-	5	
		CMM	10/9/8	10/9/8	
		CFM	353/317/283	353/317/283	
Sound level (H/M/L)	Dehumidification rate	dB(A)±3	38/35/32	38/35/32	
		l/h	1.5	1.5	
Dimensions (WxHxD)	Body	mm	860x390x180	860x390x180	
		mm	1,050x480x30	1,050x480x30	
Net Weight	Body	kg	22	22	
		A	5.5	5.5	
Running Current	Heating	A	-	5	
		Compressor Type		Rotary	Rotary
Refrigerant	Type		R22	R22	
		Charge At 7.5m	g	800	850
Sound level (H)	Sound Pressure	dB(A)±3	46	46	
		mm	770x540x245	770x540x245	
Net Weight	Body	kg	31	31	
		Piping connections	Liquid	mm	6.35
Gas	mm	12.7	12.7		
	Drain	OD/ID	mm	- / Ø25	Ø32/Ø25
Max. piping length	Main piping	m	15	15	
		Max. elevation Difference Indoor-outdoor	m	7	7

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



- LT-C186ELE1
- LT-H186ELE1
- LT-C246HLE1
- LT-H246HLE1
- LT-C286HLE1
- LT-H286HLE1

CEILING CASSETTE



- LT-C368DLE1
- LT-H368DLE1
- LT-C488DLE1
- LT-H488DLE1
- LT-C548DLE2
- LT-H548DLE2

CEILING CASSETTE



Specifications

		F/Panel	LT-C186ELE1	LT-H186ELE1	LT-C246HLE1	LT-H246HLE1	LT-C286HLE1	LT-H286HLE1	
		Ø / V / Hz	PT-CCA / PT-CEC1	PT-HEA1 / PT-HEC1	PT-CDA1 / PT-CDC1	PT-HDA1 / PT-HDC1	PT-CDA1 / PT-CDC1	PT-HDA1 / PT-HDC1	
Power Supply			1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
	Capacity	Cooling	kW	5.27	5.27	7.0	7.0	8.2	8.2
			Btu/h	18,000	18,000	23,885	23,885	27,982	27,982
		Heating	kW	-	5.53	-	7.0	-	8.8
			Btu/h	-	18,900	-	23,885	-	30,030
	Power Input	Cooling	kW	1.95	1.95	2.67	2.67	2.9	2.9
			kW	-	1.95	-	2.45	-	2.9
	EER	Cooling	Btu/h/W	9.23	9.23	8.95	8.95	9.65	9.65
			Btu/h/W	-	9.69	-	9.75	-	10.36
	Running Current	Cooling	A	0.3	0.3	0.3	0.3	0.3	0.3
			A	-	-	-	-	-	-
	Air flow rate (H/M/L)		CMM	11/10/9	11/10/9	17/15/13	17 / 15 / 13	20/17/14	20/17/14
			CFM	388/353/317	388/353/317	600/530/460	600/530/460	706/600/494	706/600/494
	Sound level (H/M/L)		dB(A)±3	41/39/37	41/39/37	36/33/30	36 / 33 / 30	38/33/30	38/33/30
	Dehumidification rate		l/h	2.4	2.4	2.4	2.4	2.4	2.4
	Dimensions	Body	mm	570x570x269	570x570x269	840x840x225	840x840x225	840x840x225	840x840x225
	(WxHxD)	Decoration panel	mm	650x650x30	650x650x30	950x950x30	950x950x30	950x950x30	950x950x30
	Net Weight	Body	kg	19	19	27	27	28.5	28.5
		Decoration panel	kg	3	3	5	5	5	5
	Running Current	Cooling	A	10	10	2.67	12.5	2.9	13.7
		Heating	A	-	10	-	11.5	-	13.7
	Compressor Type			Rotary(tropical)	Rotary(tropical)	Rotary(tropical)	Rotary(tropical)	Twin Rotary(tropical)	Twin Rotary(tropical)
	Refrigerant	Type		R22	R22	R22	R22	R22	R22
		Charge At 7.5m	g	1,200	1,200	1,650	1,650	2,250	2,250
	Sound level (H)	Sound Pressure	dB(A)±3	41	55	56	56	58	58
	Dimensions(WxHxD)	Body	mm	840x575x275	840x575x275	870x655x320	870x655x320	870x808x320	870x808x320
	Net Weight		kg	51	51	64	64	68	68
	Piping connections	Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35
		Gas	mm	12.7	12.7	15.88	15.88	15.88	15.88
	Drain	OD/ID	mm	32/25	32/25	32/25	32 / 25	32/25	32/25
	Max. piping length	Main piping	m	30	30	50	50	50	50
	Max. elevation Difference	Indoor-outdoor	m	20	20	30	30	30	30

Note : Due to our policy of innovation some specifications ( especially noise level) may be changed without notification.

Specifications

		F/Panel	LT-C368DLE1	LT-H368DLE1	LT-C488DLE1	LT-H488DLE1	LT-C548DLE2	LT-H548DLE2	
		Ø / V / Hz	PT-CDA1 / PT-CDC1	PT-HDA1 / PT-HDC1	PT-CDA1 / PT-CDC1	PT-HDA1 / PT-HDC1	PT-CDA1 / PT-CDC1	PT-HDA1 / PT-HDC1	
Power Supply			3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	
	Capacity	Cooling	kW	10.5	10.5	14	14	15.82	15.82
			Btu/h	35,830	35,830	47,770	47,770	54,000	54,000
		Heating	kW	-	11.2	-	15.2	-	17.29
			Btu/h	-	38,220	-	51,865	-	59,000
	Power Input	Cooling	kW	4.0	4.0	4.9	4.9	5.6	5.6
			kW	-	4.0	-	5.3	-	6.6
	EER	Cooling	Btu/h/W	8.96	8.96	9.75	9.75	9.64	9.64
			Btu/h/W	-	9.56	-	9.79	-	8.94
	Running Current	Cooling	A	0.4	0.4	0.4	0.4	0.4	0.4
			A	-	-	-	-	-	-
	Air flow rate (H/M/L)		CMM	24/21/19	24/21/19	31/29/27	31/29/27	37/35/31	37/35/31
			CFM	848/742/671	848/742/671	1,094/1,024/953	1,094/1,024/953	1,300/1,240/1,090	1,300/1,240/1,090
	Sound level (H/M/L)		dB(A)±3	41/38/35	41/38/35	45/44/42	45/44/42	48/46/44	48/46/44
	Dehumidification rate		l/h	3	3	6.3	6.3	6.3	6.3
	Dimensions	Body	mm	840x840x288	840x840x288	840x840x288	840x840x288	840x840x288	840x840x288
	(WxHxD)	Decoration panel	mm	950x950x30	950x950x30	950x950x30	950x950x30	950x950x30	950x950x30
	Net Weight	Body	kg	31	31	31	31	31	31
		Decoration panel	kg	5	5	5	5	5	5
	Running Current	Cooling	A	7.0	7.0	8.5	8.5	10.0	10.0
		Heating	A	-	7.0	-	8.7	-	11.5
	Compressor Type			Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Refrigerant	Type		R22	R22	R22	R22	R22	
		Charge At 7.5m	g	2,450	2,450	3,700	3,700	3,750	3,750
	Sound level (H)	Sound Pressure	dB(A)±3	60	60	59	59	58	58
	Dimensions(WxHxD)	Body	mm	870x1,060x320	870x1,060x320	900x1,160x370	900x1,060x370	900x1,160x370	900x1,060x370
	Net Weight		kg	88	88	105	105	105	105
	Piping connections	Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
		Gas	mm	15.88	15.88	19.05	19.05	19.05	19.05
	Drain	OD/ID	mm	32/25	32/25	32/25	32/25	32/25	32/25
	Max. piping length	Main piping	m	50	50	50	50	50	50
	Max. elevation Difference	Indoor-outdoor	m	30	30	30	30	30	30

Note : Due to our policy of innovation some specifications ( especially noise level) may be changed without notification.

CEILING CASSETTE

- HT-C186HL\*1
- HT-C246HL\*1



- \*A : Basic
- \*C : Plasma Air Purifying
- \*E : Elevation Grille
- \*F : Elevation Gille + Plasma Air Purifying

Specifications

		HT-C186HL*1		HT-C246HL*1	
		F/Panel	PT-CDA1	F/Panel	PT-CDA1
		Ø / V / Hz	1/220-240/50	Ø / V / Hz	1/220-240/50
Capacity	Cooling	kW	5.3	kW	7.0
	Heating	Btu/h	18,000	Btu/h	24,000
Power Input	Cooling	kW	1.55	kW	2.33
	Heating	kW	-	kW	-
EER	Cooling	Btu/h/W	10.53	Btu/h/W	10.30
	Heating	Btu/h/W	-	Btu/h/W	-
Running Current	Cooling	A	0.3	A	0.3
	Heating	A	-	A	-
	Heating	A	-	A	-
Air flow rate (H/M/L)		CMM	15/12/10	CMM	17/15/13
		CFM	530/424/353	CFM	600/530/459
	Sound level (H/M/L)	dB(A)±3	31/27/24	dB(A)±3	34/32/29
Dehumidification rate		l/h	1.15	l/h	2.4
Dimensions (WxHxD)	Body	mm	840x840x225	mm	840x840x225
	Decoration panel	mm	950x950x30	mm	950x950x30
Net Weight	Body	kg	26	kg	26
	Decoration panel	kg	5	kg	5
Running Current	Cooling	A	7.75	A	11.0
	Heating	A	-	A	-
Compressor Type			Rotary		Rotary
Refrigerant	Type		R22		R22
Charge At 7.5m		g	1,100		1,520
Sound level (H)	Sound Pressure	dB(A)±3	56	dB(A)±3	53
Dimensions(WxHxD)	Body	mm	870x655x320	mm	870x655x320
Net Weight		kg	51	kg	62
Piping connections	Liquid	mm	6.35	mm	6.35
	Gas	mm	12.7	mm	15.88
Drain	OD/ID	mm	32/25	mm	32 / 25
Max. piping length	Main piping	m	30	m	30
Max. elevation Difference	Indoor-outdoor	m	10	m	10

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CEILING CASSETTE

- HT-C306HL\*0
- HT-C368DL\*1
- HT-C488DL\*1



- \*A : Basic
- \*C : Plasma Air Purifying
- \*E : Elevation Grille
- \*F : Elevation Gille + Plasma Air Purifying

Specifications

		HT-C306HL*0		HT-C368DL*1		HT-C488DL*1	
		F/Panel	PT-CDA1	F/Panel	PT-CDA1	F/Panel	PT-CDA1
		Ø / V / Hz	1/220-240/50	Ø / V / Hz	3/380-415/50	Ø / V / Hz	3/380-415/50
Capacity	Cooling	kW	8.8	kW	10.6	kW	14.1
	Heating	Btu/h	30,000	Btu/h	36,000	Btu/h	48,000
Power Input	Cooling	kW	3.05	kW	3.93	kW	4.9
	Heating	kW	-	kW	-	kW	-
EER	Cooling	Btu/h/W	9.84	Btu/h/W	9.16	Btu/h/W	9.80
	Heating	Btu/h/W	-	Btu/h/W	-	Btu/h/W	-
Running Current	Cooling	A	0.3	A	0.4	A	0.4
	Heating	A	-	A	-	A	-
	Heating	A	-	A	-	A	-
Air flow rate (H/M/L)		CMM	22/20/18	CMM	27/21/20	CMM	36/31/27
		CFM	777/706/636	CFM	954/742/706	CFM	1,271/1,095/954
	Sound level (H/M/L)	dB(A)±3	42/40/37	dB(A)±3	44/39/38	dB(A)±3	49/46/43
Dehumidification rate		l/h	3.4	l/h	3.8	l/h	4.6
Dimensions (WxHxD)	Body	mm	840x840x225	mm	840x840x288	mm	840x840x288
	Decoration panel	mm	950x950x30	mm	950x950x30	mm	950x950x30
Net Weight	Body	kg	26	kg	33	kg	33
	Decoration panel	kg	5	kg	5	kg	5
Running Current	Cooling	A	15.0	A	7.0	A	8.5
	Heating	A	-	A	-	A	-
Compressor Type			Rotary		Scroll		Scroll
Refrigerant	Type		R22		R22		R22
Charge At 7.5m		g	2,000		2,100		2,600
Sound level (H)	Sound Pressure	dB(A)±3	54	dB(A)±3	54	dB(A)±3	59
Dimensions(WxHxD)	Body	mm	870x800x320	mm	870x800x320	mm	900x1,160x370
Net Weight		kg	73	kg	79	kg	87
Piping connections	Liquid	mm	6.35	mm	6.35	mm	9.52
	Gas	mm	15.88	mm	15.88	mm	19.05
Drain	OD/ID	mm	32/25	mm	32/25	mm	32/25
Max. piping length	Main piping	m	30	m	50	m	50
Max. elevation Difference	Indoor-outdoor	m	10	m	15	m	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



CEILING CASSETTE

- HT-C186HL\*2
- HT-C246HL\*2
- HT-C306HL\*1
- HT-C368DL\*2



- \*A : Basic
- \*C : Plasma Air Purifying
- \*E : Elevation Grille
- \*F : Elevation Gille + Plasma Air Purifying



Specifications

		F/Panel	HT-C186HL*2	HT-C246HL*2	HT-C306HL*1	HT-C368DL*2
		PT-CDA1	PT-CDA1	PT-CDA1	PT-CDA1	PT-CDA1
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	3/380-415/50
Capacity	Cooling	kW	5.3	7.0	8.8	10.6
		Btu/h	18,000	24,000	30,000	36,000
	Heating	kW	-	-	-	-
		Btu/h	-	-	-	-
Power Input	Cooling	kW	1.55	2.33	3.05	3.50
	Heating	kW	-	-	-	-
EER	Cooling	Btu/h/W	11.61	10.30	9.52	9.17
	Heating	Btu/h/W	-	-	-	-
Running Current	Cooling	A	0.3	0.3	0.3	0.4
	Heating	A	-	-	-	-
		A	-	-	-	-
Air flow rate (H/M/L)		CMM	15/12/10	17/15/13	22/20/18	27/21/20
		CFM	530/424/353	600/530/459	777/706/636	954/742/706
		dB(A)±3	31/27/24	34/32/29	42/40/37	44/39/38
Dehumidification rate		l/h	1.15	2.4	3.4	3.8
Dimensions (WxHxD)	Body	mm	840x840x225	840x840x225	840x840x225	840x840x288
	Decoration panel	mm	950x950x30	950x950x30	950x950x30	950x950x30
Net Weight	Body	kg	26	26	26	33
	Decoration panel	kg	5	5	5	5
Running Current	Cooling	A	7.75	11.0	15.0	6.0
	Heating	A	-	-	-	-
Compressor Type			Rotary	Rotary	Rotary	Scroll
Refrigerant	Type		R22	R22	R22	R22
	Charge At 7.5m	g	1,100	1,520	2,000	2,000
Sound level (H)	Sound Pressure	dB(A)±3	56	53	54	58
	Body	mm	870x655x320	870x655x320	870x800x320	900x1,160x370
Net Weight		kg	51	62	73	81
Piping connections	Liquid	mm	6.35	6.35	6.35	6.35
	Gas	mm	12.7	15.88	15.88	15.88
Drain	OD/ID	mm	32/25	32/25	32/25	32/25
Max. piping length	Main piping	m	30	30	50	50
Max. elevation Difference	Indoor-outdoor	m	15	15	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CASSETTE

- TT-C186HL\*0
- TT-C246HL\*0



- \*A : Basic
- \*C : Plasma Air Purifying
- \*E : Elevation Grille
- \*F : Elevation Gille + Plasma Air Purifying



Specifications

		F/Panel	TT-C186HL*0	TT-C246HL*0
		PTPC-HLA0	PTPC-HLA0	PTPC-HLA0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5.2	7.1
		Btu/h	17,742	24,225
	Heating	kW	-	-
		Btu/h	-	-
Power Input	Cooling	kW	1.86	2.4
	Heating	kW	-	-
EER	Cooling	Btu/h/W	9.54	10.09
	Heating	Btu/h/W	-	-
Running Current	Cooling	A	9.5	11.5
	Heating	A	-	-
		A	-	-
Air flow rate (H/M/L)		CMM	15/13/11	18/16/14
		CFM	530/459/388	635/565/492
		dB(A)±3	38/36/34	39/38/37
Dehumidification rate		l/h	1.5	2.1
Dimensions (WxHxD)	Body	mm	840x840x225	840x840x225
	Decoration panel	mm	950x950x30	950x950x30
Net Weight	Body	kg	26	26
	Decoration panel	kg	5	5
Running Current	Cooling	A	9.5	11.5
	Heating	A	-	-
Compressor Type			Rotary	Rotary
Refrigerant	Type		R22	R22
	Charge At 7.5m	g	1,100	2,300
Sound level (H)	Sound Pressure	dB(A)±3	54	55
	Body	mm	801x555x262	870x655x320
Net Weight		kg	42	42
Piping connections	Liquid	mm	6.35	6.35
	Gas	mm	15.88	15.88
Drain	OD/ID	mm	Ø32 / Ø25	Ø32 / Ø25
Max. piping length	Main piping	m	30	30
Max. elevation Difference	Indoor-outdoor	m	15	15

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# CEILING CONCEALED DUCT

Hidden in the ceiling, this product is suitable for applications that require floor level or individual level air conditioning for buildings where there are many rooms or halls, such as restaurants, concert halls and hotels. Installation is not hindered by the location of lighting fixtures or room structure, and interior renovation is made easy with the installation of various ventilation diffusers.



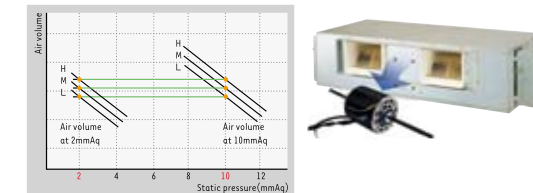
## \*E.S.P: External Static Pressure

The air volume and sound level is kept constant as designed regardless of changes in E.S.P.(External Static Pressure)

### E.S.P. Technology

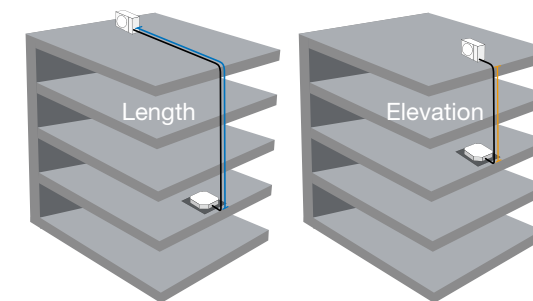
- Optimizes Duct Installation
- Keeps Capacity & Sound Levels within desired ranges
- Reduces the number of models

Phase control motor technology reduces installation costs. The desired air flow is obtained by adjusting the phase motor during installation of the product, giving you more flexibility when setting up your duct system. The E.S.P can be adjusted linearly from 0 to 10mmAq.



## Long Distance & High Elevation Pipe

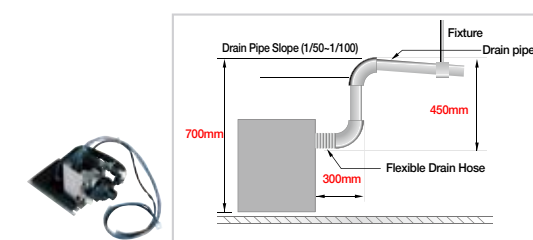
This ceiling concealed duct can be installed at long distance and high height differences from the outdoor as per below table.



Capacity	Max Length	Max Elevation
18k~60k	50m	30m

## High Head Drain Pump

Auxiliary Drain Pump automatically drains water. A standard drain-head height of up to 700mm is possible, creating the ideal solution for perfect water drainage.



(Accessory:ABDPG)

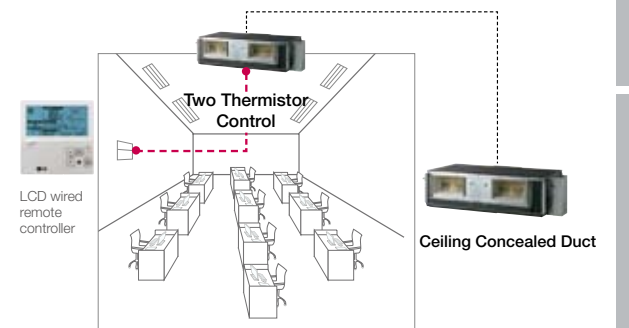
## CEILING CONCEALED DUCT

## Zero power consumption use in standby mode by adopting SMPS (Switching Mode Power Supply)

- Eliminates waste of electricity in standby mode.
- Electricity is wasted when an appliance is connected to an outlet, even though the appliance is turned off.
- Development of a super power-saving SMPS (Switching Mode Power Supply)
- Minimal standby power consumption (90% reduction of standby power)
- No need to pull the main power plug when the appliance is not in use.

## Two Thermistor Control

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Two thermistor control provides option to control temperature by referring any of the two temperature. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.



## Quiet Operation & Easy Service

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient.

The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



Conventional

LG Fan and Housing



CEILING CONCEALED DUCT

- TB-C096TSG2
- TB-H096TSG0
- TB-C126TSG2
- TB-H126TSG0



Low Static



Specifications

		TB-C096TSG2	TB-H096TSG0	TB-C126TSG2	TB-C126TSG0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	2.60	2.60	3.60
		Btu/h	8,876	8,876	12,290
	Heating	kW	-	2.90	-
		Btu/h	-	9,901	14,339
Power Input	Cooling	kW	0.98	1.26	1.30
		kW	-	1.09	-
EER	Cooling	Btu/h/W	9.06	9.06	9.45
		Btu/h/W	-	10.42	-
Running Current	Cooling	A	4.8	4.8	6.1
		A	-	4.5	-
Air flow rate (H/M/L)	Cooling	CMM	8/7/6	-	9/8/7
		CFM	-	8/7/6	-
External Static Pressure		mmAq	-	-	-
Sound level (H/M/L)		dB(A)±3	35/33/31	39/37/35	39/37/35
Dehumidification rate		l/h	1.0	35/33/31	1.6
Dimensions (WxHxD)		mm	650x535x230	1.0	650x535x230
Net Weight		kg	25	650x535x230	25
Running Current	Cooling	A	4.8	25	6.1
		A	-	4.8	-
Compressor Type	Rotary	Rotary	4.5	Rotary	Rotary
		Rotary	4.5	Rotary	Rotary
Refrigerant	Type	R22	Rotary	R22	R22
		R22	Rotary	R22	R22
Sound level (H)	Sound Pressure	dB(A)±3	47	790	50
		dB(A)±3	47	790	50
Dimensions (WxHxD)		mm	770x245x540	47	801x262x555
Net Weight		kg	36	770x245x540	36
Piping connections	Liquid	mm	6.35	36	6.35
		mm	9.52	6.35	12.7
Drain	OD/ID	mm	25/19	9.52	25/19
		mm	25/19	9.52	25/19
Max. piping length		m	5	25/19	5
Max. elevation Difference		m	15	5	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification. 15

CEILING CONCEALED DUCT

- TB-C186TSA1
- TB-C246YSA1
- TB-C306YSA1



Low Static



Specifications

		TB-C186TSA1	TB-C246YSA1	TB-C306YSA1
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5.28	7.03
		Btu/h	18,000	24,000
	Heating	kW	-	-
		Btu/h	-	-
Power Input	Cooling	kW	3.20	4.30
		kW	-	-
EER	Cooling	Btu/h/W	9.63	9.06
		Btu/h/W	-	-
Running Current	Cooling	A	9.0	12.7
		A	-	-
Air flow rate (H/M/L)	Cooling	CMM	16/14/12	18/16/14
		CFM	-	23/21/19
External Static Pressure		mmAq	4	4
Sound level (H/M/L)		dB(A)±3	36/34/32	37/35/33
Dehumidification rate		l/h	2	2.5
Dimensions (WxHxD)		mm	1,000x230x535	1,200x230x535
Net Weight		kg	29	36
Running Current	Cooling	A	9.0	12.7
		A	-	-
Compressor Type	Rotary	Rotary	Rotary	Rotary
		Rotary	Rotary	Rotary
Refrigerant	Type	R22	Rotary	R22
		R22	Rotary	R22
Sound level (H)	Sound Pressure	dB(A)±3	52	54
		dB(A)±3	52	54
Dimensions (WxHxD)		mm	801x555x262	870x655x320
Net Weight		kg	50	55
Piping connections	Liquid	mm	6.35	6.35
		mm	15.88	15.88
Drain	OD/ID	mm	25.4/19.4	25.4/19.4
		mm	25.4/19.4	25.4/19.4
Max. piping length		m	30	30
Max. elevation Difference		m	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C366GSA3
- TB-C428GSA3



Low Static



Specifications

		TB-C366GSA3		TB-C428GSA3	
Power Supply		Ø / V / Hz	1/220-240/50	3/380-415/50	
Capacity	Cooling	kW	9,965	12,309	
		Btu/h	34,000	42,000	
	Heating	kW	-	-	
		Btu/h	-	-	
Power Input	Cooling	kW	3600	5000	
	Heating	kW	-	-	
EER	Cooling	Btu/h/W	9.44	8.40	
	Heating	Btu/h/W	-	-	
Running Current	Cooling	A	1.2	1.2	
	Heating	A	-	-	
Air flow rate (H/M/L)		CMM	32	32	
		CFM	1129	1129	
External Static Pressure		mmAq	4(0-4)	4(0-4)	
Sound level (H/M/L)		dB(A)±3	44/42/40	44/42/40	
Dehumidification rate		l/h	-	-	
Dimensions (WxHxD)		mm	1180*298*450	1180*298*450	
Net Weight		kg	38(83.7)	38(83.7)	
Running Current	Cooling	A	17	7.8	
	Heating	A	-	-	
Compressor Type			scroll	scroll	
	Refrigerant	Type	R22	R22	
Charge At 7.5m		g	1250	2450	
Sound level (H)	Sound Pressure	dB(A)±3	58	60	
Dimensions (WxHxD)		mm	870*808*320	870*1060*320	
Net Weight		kg	70(154.3)	78(171.9)	
Piping connections	Liquid	mm	9.52(3/8)	9.52(3/8)	
	Gas	mm	15.88(5/8)	15.88(5/8)	
Drain	OD/ID	mm	25.4,19.4(1,0.76)	25.4,19.4(1,0.76)	
Max. piping length	Main piping	m	30	30	
Max. elevation Difference	Indoor-outdoor	m	15	15	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C488RSA3
- TB-C608RSA3



Low Static



Specifications

		TB-C488RSA3		TB-C608RSA3	
Power Supply		Ø / V / Hz	3/380-415/50	3/380-415/50	
Capacity	Cooling	kW	14,068	17,585	
		Btu/h	48,000	60,000	
	Heating	kW	-	-	
		Btu/h	-	-	
Power Input	Cooling	kW	5100	6500	
	Heating	kW	-	-	
EER	Cooling	Btu/h/W	9.41	9.23	
	Heating	Btu/h/W	-	-	
Running Current	Cooling	A	2.3	2.5	
	Heating	A	-	-	
Air flow rate (H/M/L)		CMM	40	48	
		CFM	1411	1694	
External Static Pressure		mmAq	4(0-4)	4(0-4)	
Sound level (H/M/L)		dB(A)±3	43/41/39	47/45/43	
Dehumidification rate		l/h	-	-	
Dimensions (WxHxD)		mm	1230*380*590	1230*380*590	
Net Weight		kg	52(114.6)	52(114.6)	
Running Current	Cooling	A	8.0	10.2	
	Heating	A	-	-	
Compressor Type			scroll	scroll	
	Refrigerant	Type	R22	R22	
Charge At 7.5m		g	2960	3850	
Sound level (H)	Sound Pressure	dB(A)±3	62	61	
Dimensions (WxHxD)		mm	900*1165*370	900*1165*370	
Net Weight		kg	95(209.4)	105(231.4)	
Piping connections	Liquid	mm	9.52(3/8)	12.7(1/2)	
	Gas	mm	15.88(5/8)	19.05(3/4)	
Drain	OD/ID	mm	25.4,19.4(1,0.76)	25.4,19.4(1,0.76)	
Max. piping length	Main piping	m	30	30	
Max. elevation Difference	Indoor-outdoor	m	15	15	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



CEILING CONCEALED DUCT

- TB-C186HSS1
- TB-H186HSS1
- TB-C246HSS0
- TB-H246HSS0



Medium Static



Specifications

		TB-C186HSS1	TB-H186HSS1	TB-C246HSS0	TB-H246HSS0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5275	5275	7034
		Btu/h	18000	18000	24000
	Heating	kW	-	7034	7034
		Btu/h	-	18000	24000
Power Input	Cooling	kW	1900	1900	2700
		kW	-	1850	-
EER	Cooling	Btu/h/W	9.47	9.47	8.73
		Btu/h/W	-	9.73	-
Running Current	Cooling	A	0.9	0.9	1.1
		A	-	0.9	-
Air flow rate (H/M/L)	Cooling	CMM	16	16	18
		CFM	565	565	636
External Static Pressure	Cooling	mmAq	6	6	6
		dB(A)±3	40/38/36	40/38/36	42/40/38
Dehumidification rate	Cooling	l/h	1.5	1.5	2.7
		mm	880*260*450	880*260*450	880*260*450
Net Weight	Cooling	kg	35(77.2)	35(77.2)	35(77.2)
		A	9.00	9.00	12.00
Running Current	Heating	A	-	9.00	-
		A	-	9.00	-
Compressor Type	Cooling		Twin Rotary	Twin Rotary	Twin Rotary
		Refrigerant	Type	R22	R22
Sound level (H)	Charge At 7.5m	g	1050(37.04)	1050(37.04)	2200(77.6)
		Sound Pressure	dB(A)±3	55	55
Dimensions (WxHxD)	Sound Pressure	mm	870*655*320	870*655*320	870*800*320
		mm	55(121)	55(121)	60(132.3)
Piping connections	Liquid	mm	6.35(1/4)	6.35(1/4)	6.35(1/4)
		Gas	mm	15.88(5/8)	15.88(5/8)
Drain	OD/ID	mm	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)
		Main piping	m	50	50
Max. piping length		Indoor-outdoor	m	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C306GSS0
- TB-H306GSS0
- TB-C366GSS0
- TB-H366GSS1



Medium Static



Specifications

		TB-C306GSS0	TB-H306GSS0	TB-C366GSS0	TB-H366GSS1
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	8792	8792	10260
		Btu/h	30000	30000	35000
	Heating	kW	-	8792	-
		Btu/h	-	30000	-
Power Input	Cooling	kW	3400	3400	3500
		kW	-	3400	-
EER	Cooling	Btu/h/W	8.33	8.82	8.78
		Btu/h/W	-	8.82	-
Running Current	Cooling	A	1.20	1.20	16.50
		A	-	1.20	-
Air flow rate (H/M/L)	Cooling	CMM	28	28	32
		CFM	988	988	1129
External Static Pressure	Cooling	mmAq	8	8	8
		dB(A)±3	43/42/40	43/42/40	43/42/40
Dehumidification rate	Cooling	l/h	3	3	3.5
		mm	1180*298*450	1180*298*450	1180*298*450
Net Weight	Cooling	kg	38(83.7)	38(83.7)	38(83.7)
		A	15.00	15.00	16.50
Running Current	Heating	A	-	15.00	-
		A	-	15.00	-
Compressor Type	Cooling		Twin Rotary	Twin Rotary	Scroll
		Refrigerant	Type	R22	R22
Sound level (H)	Charge At 7.5m	g	1950(68.78)	1950(68.78)	2350(82.89)
		Sound Pressure	dB(A)±3	56	56
Dimensions (WxHxD)	Sound Pressure	mm	870*808*320	870*808*320	870*1038*320
		kg	65(143.3)	65(143.3)	78(171.9)
Piping connections	Liquid	mm	6.35(1/4)	6.35(1/4)	6.35(1/4)
		Gas	mm	15.88(5/8)	15.88(5/8)
Drain	OD/ID	mm	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)
		Main piping	m	50	50
Max. piping length		Indoor-outdoor	m	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C368GSS0
- TB-H368GSS0
- TB-C428GSS0
- TB-H428GSS0



Medium Static



Specifications

			TB-C368GSS0	TB-H368GSS0	TB-C428GSS0	TB-H428GSS0
Power Supply	Ø / V / Hz		3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Capacity	Cooling	kW	10551	10551	12310	12310
		Btu/h	36000	36000	42000	42000
	Heating	kW	-	-	-	12309
		Btu/h	-	-	-	42000
Power Input	Cooling	kW	4100	4100	5100	5100
		kW	-	-	-	5400
EER	Cooling	Btu/h/W	8.78	8.78	8.40	8.24
		Btu/h/W	-	8.78	-	7.78
Running Current	Cooling	A	1.40	1.40	8.00	8.00
		A	-	-	-	8.50
Air flow rate (H/M/L)	Cooling	CMM	32	32	32	32
		CFM	1129	1129	1129	1129
External Static Pressure	Cooling	mmAq	8	8	8	8
		dB(A)±3	43/42/40	43/42/40	43/42/40	43/42/40
Dehumidification rate	Cooling	l/h	3.5	3.5	4.5	4.5
		mm	1180*298*450	1180*298*450	1180*298*450	1180*298*450
Net Weight	Cooling	kg	38(83.7)	38(83.7)	38(83.7)	38(83.7)
		A	6.30	6.30	8.00	8.00
Running Current	Heating	A	-	-	-	8.50
		Compressor Type		Scroll	Scroll	Scroll
Refrigerant	Type		R22	R22	R22	R22
		Charge At 7.5m	g	2450(86.42)	2450(86.42)	3400(119.93)
Sound level (H)	Sound Pressure	dB(A)±3	58	58	59	59
		Dimensions (WxHxD)	mm	870*1060*320	870*1060*320	900*1165*370
Net Weight	Cooling	kg	78(171.9)	78(171.9)	95(209.4)	95(209.4)
		Liquid	mm	6.35(1/4)	6.35(1/4)	9.52(3/8)
Piping connections	Gas	mm	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
		Drain	OD/ID	mm	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)
Max. piping length	Main piping	m	50	50	50	50
		Max. elevation Difference	Indoor-outdoor	m	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C488RSS0
- TB-H488RSS0
- TB-C608RSS0
- TB-H608RSS0



Medium Static



Specifications

			TB-C488RSS0	TB-H488RSS0	TB-C608RSS0	TB-H608RSS1
Power Supply	Ø / V / Hz		3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Capacity	Cooling	kW	14068	14068	16,413	16,413
		Btu/h	48000	48000	56000	56000
	Heating	kW	-	14068	-	16999
		Btu/h	-	48000	-	58000
Power Input	Cooling	kW	5600	5600	6800	6800
		kW	-	5000	-	6250
EER	Cooling	Btu/h/W	8.35	8.57	8.24	8.24
		Btu/h/W	-	8.57	-	9.28
Running Current	Cooling	A	1.50	1.50	10.50	10.50
		A	-	1.50	-	-
Air flow rate (H/M/L)	Cooling	CMM	40	40	50	50
		CFM	1411	1411	1764	1764
External Static Pressure	Cooling	mmAq	10	10	10	10
		dB(A)±3	46/44/42	46/44/42	49/47/45	49/47/45
Dehumidification rate	Cooling	l/h	5	5	5.5	5.5
		mm	1230*380*590	1230*380*590	1230*380*590	1230*380*590
Net Weight	Cooling	kg	52(114.6)	52(114.6)	52(114.6)	52(114.6)
		A	8.70	8.70	10.50	10.50
Running Current	Heating	A	-	7.70	-	9.80
		Compressor Type		Scroll	Scroll	Scroll
Refrigerant	Type		R22	R22	R22	R22
		Charge At 7.5m	g	4000(141.1)	4000(141.1)	4350(153.44)
Sound level (H)	Sound Pressure	dB(A)±3	59	59	60	60
		Dimensions (WxHxD)	mm	900*1165*370	900*1165*370	900*1165*370
Net Weight	Cooling	kg	95(209.4)	95(209.4)	105(231.4)	105(231.4)
		Liquid	mm	9.52(3/8)	9.52(3/8)	12.7(1/2)
Piping connections	Gas	mm	19.05(3/4)	19.05(3/4)	19.05(3/4)	19.05(3/4)
		Drain	OD/ID	mm	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)
Max. piping length	Main piping	m	50	50	50	50
		Max. elevation Difference	Indoor-outdoor	m	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



- TB-C186HSA0
- TB-C246HSA0
- TB-C306GSA2
- TB-C366GSA1
- TB-C428GSA0

CEILING CONCEALED DUCT



Medium Static



Specifications

		TB-C186HSA0	TB-C246HSA0	TB-C306GSA2	TB-C366GSA1	TB-C428GSA0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5275	7034	8792	9965
		Btu/h	18000	24000	30000	34000
	Heating	kW	-	-	-	-
		Btu/h	-	-	-	-
Power Input	Cooling	kW	2000	2800	3200	3600
		kW	-	-	-	-
EER	Cooling	Btu/h/W	9.00	8.57	9.38	9.44
		Btu/h/W	-	-	-	-
Running Current	Cooling	A	0.9	1.1	1.2	1.4
		A	-	-	-	-
Air flow rate (H/M/L)	Cooling	CMM	16	18	28	32
		CFM	565	636	988	1129
External Static Pressure	Sound level (H/M/L)	mmAq	40/38/36	42/40/38	42/40/38	43/42/40
		dB(A)±3	-	-	-	-
Dehumidification rate	Dimensions (WxHxD)	l/h	-	-	-	-
		mm	880*260*450	880*260*450	1180*298*450	1180*298*450
Net Weight	Running Current	kg	35(77.2)	35(77.2)	38(83.7)	38(83.7)
		Cooling	A	9.2	13.0	16
Compressor Type	Heating	A	-	-	-	-
		Refrigerant	Rotary	Rotary	twin-Rotary	scroll
Refrigerant	Type	R22	R22	R22	R22	
		Charge At 7.5m	g	1000	1150	1550
Sound level (H)	Sound Pressure	dB(A)±3	55	57	60	58
		Dimensions (WxHxD)	mm	801*555*262	870*655*320	870*808*320
Net Weight	Piping connections	kg	50(110)	55(121)	60(132.3)	70(154.3)
		Liquid	mm	6.35(1/4)	6.35(1/4)	9.52(3/8)
Gas	mm	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	
		Drain	OD/ID	mm	25.4,22.6(1,0.89)	25.4,22.6(1,0.89)
Max. piping length	Main piping	m	30	30	30	
		Max. elevation Difference	Indoor-outdoor	m	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

- TB-C488RSA0
- TB-C608RSA0

CEILING CONCEALED DUCT



Medium Static



Specifications

		TB-C488RSA0	TB-C608RSA0
Power Supply		Ø / V / Hz	3/380-415/50
Capacity	Cooling	kW	14068
		Btu/h	48000
	Heating	kW	-
		Btu/h	-
Power Input	Cooling	kW	5100
		kW	2.76
EER	Cooling	Btu/h/W	9.41
		Btu/h/W	-
Running Current	Cooling	A	1.5
		A	-
Air flow rate (H/M/L)	Cooling	CMM	40
		CFM	1411
External Static Pressure	Sound level (H/M/L)	mmAq	44/42/40
		dB(A)±3	46/44/42
Dehumidification rate	Dimensions (WxHxD)	l/h	-
		mm	1230*380*590
Net Weight	Running Current	kg	52(114.6)
		Cooling	A
Compressor Type	Heating	A	-
		Refrigerant	scroll
Refrigerant	Type	R22	R22
		Charge At 7.5m	g
Sound level (H)	Sound Pressure	dB(A)±3	62
		Dimensions (WxHxD)	mm
Net Weight	Piping connections	kg	95 209.4
		Liquid	mm
Gas	mm	15.88(5/8)	12.7(1/2)
		Drain	OD/ID
Max. piping length	Main piping	m	30
		Max. elevation Difference	Indoor-outdoor

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C72088T0
- TB-H72088T0



High Static



72k

Specifications

		TB-C72088T0		TB-H72088T0	
Power Supply		Ø / V / Hz	3/380-415/50	3/380-415/50	
Capacity	Cooling	kW	21100	21100	
		Btu/h	72000	72000	
	Heating	kW	-	22300	
		Btu/h	-	76000	
Power Input	Cooling	kW	7800	7800	
	Heating	kW	-	7200	
		Btu/h/W	9.23	5.14	
EER	Cooling	Btu/h/W	-	5.63	
	Heating	Btu/h/W	-	-	
Indoor Unit	Running Current	Cooling	A	4.00	4.00
		Heating	A	-	4.00
	Air flow rate (H/M/L)	CMM	50	50	
		CFM	1765	1765	
External Static Pressure	mmAq	-	-		
Sound level (H/M/L)	dB(A)±3	52/50/48	52/50/48		
Dehumidification rate	l/h	6.45	6.45		
Dimensions (WxHxD)	mm	1562*460*688	1562*460*688		
Net Weight	kg	90	90		
Running Current	Cooling	A	14.00	14.00	
	Heating	A	-	13.50	
Outdoor Unit	Compressor Type		Scroll	Scroll	
	Refrigerant	Type	R22	R22	
	Charge At 7.5m	g	5500(194)	5500(194)	
Sound level (H)	Sound Pressure	dB(A)±3	65	65	
Dimensions (WxHxD)	mm	1280*1607*730	1280*1607*730		
Net Weight	kg	140 (308)	140 (308)		
Piping connections	Liquid	mm	12.7(1/2)	12.7(1/2)	
	Gas	mm	25.4(1)	25.4(1)	
Drain	OD/ID	mm	25.4,21(1,0.83)	25.4,21(1,0.83)	
Max. piping length	Main piping	m	50	50	
Max. elevation Difference	Indoor-outdoor	m	30	30	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- TB-C96088T0
- TB-H96088T0



High Static



96k

Specifications

		TB-C96088T0		TB-H96088T0	
Power Supply		Ø / V / Hz	3/380-415/50	3/380-415/50	
Capacity	Cooling	kW	27000	27000	
		Btu/h	92000	92000	
	Heating	kW	-	28100	
		Btu/h	-	96000	
Power Input	Cooling	kW	10500	10500	
	Heating	kW	-	10000	
		Btu/h/W	8.76	8.76	
EER	Cooling	Btu/h/W	-	9.60	
	Heating	Btu/h/W	-	-	
Indoor Unit	Running Current	Cooling	A	3.20	3.20
		Heating	A	3.20	3.20
	Air flow rate (H/M/L)	CMM	56	56	
		CFM	1977	1977	
External Static Pressure	mmAq	-	-		
Sound level (H/M/L)	dB(A)±3	54/52/50	54/52/50		
Dehumidification rate	l/h	8.68	8.68		
Dimensions (WxHxD)	mm	1562*460*688	1562*460*688		
Net Weight	kg	90	90		
Running Current	Cooling	A	18.50	18.50	
	Heating	A	-	18.00	
Outdoor Unit	Compressor Type		Scroll	Scroll	
	Refrigerant	Type	R22	R22	
	Charge At 7.5m	g	7200(254)	7200(254)	
Sound level (H)	Sound Pressure	dB(A)±3	67	67	
Dimensions (WxHxD)	mm	1280*1607*730	1280*1607*730		
Net Weight	kg	140 (308)	140 (308)		
Piping connections	Liquid	mm	12.7(1/2)	12.7(1/2)	
	Gas	mm	28 (9/8)	28 (9/8)	
Drain	OD/ID	mm	25.4,21(1,0.83)	25.4,21(1,0.83)	
Max. piping length	Main piping	m	50	50	
Max. elevation Difference	Indoor-outdoor	m	30	30	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



CEILING CONCEALED DUCT

- HB-C126WSA0
- HB-C186WSA0
- HB-C246WSA0



Low Static



Specifications

		HB-C126WSA0	HB-C186WSA0	HB-C246WSA0	
Power Supply	Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	
Capacity	Cooling	kW	3.5	5.3	
		Btu/h	12,000	18,000	
		Heating	kW	-	-
Power Input	Cooling	kW	1.20	1.86	
		kW	-	-	
		Heating	Btu/h/W	10.00	9.68
EER	Cooling	Btu/h/W	-	-	
		Heating	Btu/h/W	-	-
		Running Current	Cooling	A	0.35
Indoor Unit	Air flow rate (H/M/L)	CMM	11.9/9.5/7.9	20.8/16.3/13.5	
		CFM	420/334/277	734/575/476	
		External Static Pressure	mmAq	2	2
	Sound level (H/M/L)	dB(A)±3	45/42/37	49/44/39	
	Dehumidification rate	l/h	1.37	1.92	
	Dimensions (WxHxD)	mm	830x240x450	950x240x450	
	Net Weight	kg	15.67	17.51	
Outdoor Unit	Running Current	Cooling	A	5.45	
		Heating	A	-	
		Compressor Type	Rotary	Rotary	
Refrigerant	Type	R22	R22		
	Charge At 7.5m	g	1,100		
	Sound level (H)	Sound Pressure	dB(A)±3	50	
Dimensions (WxHxD)	mm	740x624x270	870x655x320		
	Net Weight	kg	33.5		
	Piping connections	Liquid	mm	6.35	
Drain	Max. piping length	Gas	mm	12.70	
		OD/ID	mm	22.0/19.5	
		Main piping	m	30	
Max. elevation Difference	Indoor-outdoor	m	10		

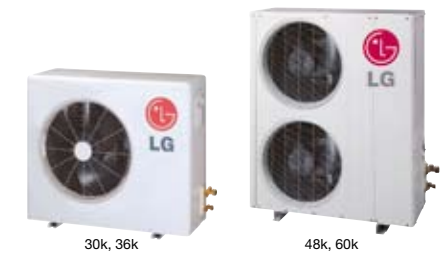
Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING CONCEALED DUCT

- HB-C306WSA0
- HB-C368WSA0
- HB-C488WSA0
- HB-C608WSA0



Medium Static



Specifications

		HB-C306WSA0	HB-C368WSA0	HB-C488WSA0	HB-C608WSA0	
Power Supply	Ø / V / Hz	1/220-240/50	3/380-415/50	3/380-415/50	3/380-415/50	
Capacity	Cooling	kW	8.8	10.3	14.1	
		Btu/h	30,000	35,000	48,000	
		Heating	kW	-	-	-
Power Input	Cooling	kW	3.25	3.75	5.20	
		kW	-	-	-	
		Heating	Btu/h/W	9.23	9.33	9.23
EER	Cooling	Btu/h/W	-	-	-	
		Heating	Btu/h/W	-	-	-
		Running Current	Cooling	A	1.65	2.45
Indoor Unit	Air flow rate (H/M/L)	CMM	30/24/10	35/32/25		
		CFM	1,060/850/353	1,240/1,130/880		
		External Static Pressure	mmAq	10	10	
	Sound level (H/M/L)	dB(A)±3	57/51/41	59/55/43		
	Dehumidification rate	l/h	2.6	3.5		
	Dimensions (WxHxD)	mm	1,240x300x56	1,240x328x571		
	Net Weight	kg	38	40		
Outdoor Unit	Running Current	Cooling	A	15		
		Heating	A	-		
		Compressor Type	Rotary	Scroll		
Refrigerant	Type	R22	R22			
	Charge At 7.5m	g	1,860			
	Sound level (H)	Sound Pressure	dB(A)±3	53		
Dimensions (WxHxD)	mm	870x800x320	870x800x320			
	Net Weight	kg	73.3			
	Piping connections	Liquid	mm	6.35		
Drain	Max. piping length	Gas	mm	15.88		
		OD/ID	mm	22.0/19.0		
		Main piping	m	30		
Max. elevation Difference	Indoor-outdoor	m	10			

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

# CEILING & FLOOR CEILING SUSPENDED

Depending on space availability, this model can be installed either on the ceiling or standing. On the ceiling or standing on the floor. The vertical flow direction of the cool air can be controlled by remote control and the stylish low-noise design ensures a quiet and comfortable cool environment.



## Anti Rust Gold Fin™ (Optional)

LG's Outdoor Heat Exchanger is coated with a gold-colored anti-corrosive epoxy treatment on the aluminum coil, to prevent corrosion. This maintains excellent heat transfer properties of the coil for an extended time, whereas non-Gold Fin™ coils progressively lose efficiency due to surface corrosion. Gold Fin™ fin is perfect for areas with high pollution or locations exposed to saltwater spray from the sea.



• Gold Fin is long lasting, durable and makes the Outdoor Unit look prestigious.

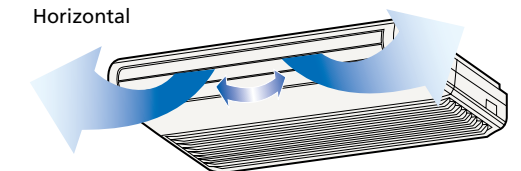
## Dual Thermistor Control (Optional)

There may be a significant difference between the temperature taken at the installed product and indoor temperature. Dual thermistor control provides option to control temperature by referring any of the two temperatures. With the help of the slide switch at the back of the LCD wired remote controller, selection of the desired thermistor for controlling the unit can be done. One thermistor is in the Indoor unit & the other one is in the LCD wired remote.

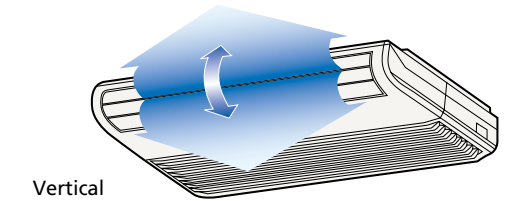
## CEILING & FLOOR CEILING SUSPENDED

### Airflow Direction Control

**Horizontal Airflow Direction Control.**  
Adjust the horizontal airflow direction by manually moving the horizontal airflow direction louver by hand.



**Vertical Airflow Direction Control**  
The airflow direction can be adjusted as desired by using the remote controller.

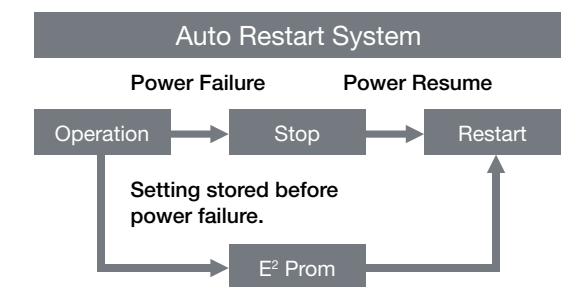


### Time Delay Safety function

It delays restarting of the compressor by three minutes preventing any damage to the compressor

### Auto Restart Function

In case of a sudden power failure, this feature will automatically restore the A/C to its previous settings when power returns.





CEILING & FLOOR

- HV-C186BLA0
- HV-H186BLA0
- HV-C246BLA0
- HV-H246BLA0



18k, 24k

CEILING SUSPENDED

- HV-C306KLA0
- HV-C366LLA0
- HV-C488LLA0



30k, 36k

48k

Specifications

			HV-C186BLA0	HV-H186BLA0	HV-C246BLA0	HV-H246BLA0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5.3	5.3	7.0	7.0
		Btu/h	18,000	18,000	24,000	24,000
	Heating	kW	-	5.3	-	7.0
		Btu/h	-	18,000	-	24,000
Power Input	Cooling	kW	1.85	1.85	2.60	2.75
		kW	-	1.70	-	2.55
EER	Cooling	Btu/h/W	9.73	9.73	9.23	8.73
		Btu/h/W	-	10.59	-	9.41
Running Current	Cooling	A	0.35	0.35	0.35	0.35
		A	-	0.35	-	0.35
Indoor Unit	Air flow rate (H/M/L)	CMM	15/13/11	15/13/11	18/16/14	18/16/14
		CFM	600/560/490/460	810/710/640/560	636/566/495	636/566/495
Sound level (H/M/L)	dB(A)±3		43/40/37	43/40/37	50/48/46	50/48/46
			1.73	1.52	2.11	2.25
Dehumidification rate	l/h		1.73	1.52	2.11	2.25
			1200*615*205	1200*615*205	1200*615*205	1200*615*205
Net Weight	kg		30	30	30	30
			9.0	9.0	11.0	12.5
Running Current	Cooling	A	9.0	9.0	11.0	12.5
		A	-	7.5	-	11.9
Outdoor Unit	Compressor Type		Rotary	Rotary	Rotary	Rotary
		Refrigerant Type	R22	R22	R22	R22
Refrigerant	Charge At 7.5m	g	1,000	1,170	1,750	1,570
			52	52	52	54
Sound level (H)	Sound Pressure	dB(A)±3	52	52	52	54
			870*655*320	870*655*320	870*655*320	870*655*320
Net Weight	kg		57	57	62	64
			6.35	6.35	6.35	6.35
Piping connections	Liquid	mm	6.35	6.35	6.35	6.35
		mm	15.88	15.88	15.88	15.88
Drain	OD/ID	mm	-	-	-	-
			30	30	30	30
Max. Piping Length	Main piping	m	30	30	30	30
		m	15	15	15	15
Max. elevation	Indoor-outdoor		15	15	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

			HV-C306KLA0	HV-C366LLA0	HV-C488LLA0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	3/380-415/50
Capacity	Cooling	kW	8.8	10.6	14.1
		Btu/h	30,000	36,000	48,000
	Heating	kW	-	-	-
		Btu/h	-	-	-
Power Input	Cooling	kW	3.26	3.83	5.30
		kW	-	-	-
EER	Cooling	Btu/h/W	9.20	9.40	9.06
		Btu/h/W	-	-	-
Running Current	Cooling	A	0.65	0.88	0.70
		A	-	-	-
Indoor Unit	Air flow rate (H/M/L)	CMM	29/27/24	34/31/29	36/34/31
		CFM	1000/880/780/710	1200/1090/950/810	1590/1480/1380/1270
Sound level (H/M/L)	dB(A)±3		49/47/45	54/52/46	55/52/50
			3.17	3.15	3.30
Dehumidification rate	l/h		3.17	3.15	3.30
			1350*220*650	1750*220*650	1750*220*650
Net Weight	kg		35	45	47
			15.0	18.0	9.0
Running Current	Cooling	A	15.0	18.0	9.0
		A	-	-	-
Outdoor Unit	Compressor Type		Rotary	Rotary	Scroll
		Refrigerant Type	R22	R22	R22
Refrigerant	Charge At 7.5m	g	2,300	3,150	3,150
			57	57	60
Sound level (H)	Sound Pressure	dB(A)±3	57	57	60
			870*800*320	870*800*320	900*1,160*370
Net Weight	kg		73	73	87
			9.53	9.53	9.53
Piping connections	Liquid	mm	9.53	9.53	9.53
		mm	15.88	19.05	19.05
Drain	OD/ID	mm	-	-	-
			30	30	30
Max. Piping Length	Main piping	m	30	30	30
		m	15	15	15
Max. elevation	Indoor-outdoor		15	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

CEILING & FLOOR

- TV-C186BLA0
- TV-H186BLA0
- TV-C246BLA0
- TV-H246BLA0



18k, 24k

CEILING SUSPENDED

- TV-C368KLA0
- TV-H368KLA0
- TV-C488LLA0
- TV-H488LLA0
- TV-C608LLA0
- TV-H608LLA0



36k

48k, 60k

Specifications

			TV-C186BLA0	TV-H186BLA0	TV-C246BLA0	TV-H246BLA0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	5270	5270	7033	7033
		Btu/h	18000	18000	24000	24000
	Heating	kW	-	5270	-	7033
		Btu/h	-	18000	-	24000
Power Input	Cooling	kW	1850	1850	2400	2400
		kW	-	1750	-	2400
EER	Cooling	Btu/h/W	9.70	9.70	10.00	10.00
		Btu/h/W	-	10.29	-	10.00
Running Current	Cooling	A	8.70	8.70	11.00	11.00
		A	-	8.40	-	11.00
Indoor Unit	Air flow rate (H/M/L)		CMM	14/12/10	14/12/10	18/16/12
			CFM	500/420/350	500/420/350	1120/1020/820
	Sound level (H/M/L)		dB(A)±3	43/40/37	43/40/37	50/48/46
	Dehumidification rate		l/h	5	5	5
Dimensions (WxHxD)		mm	1200x615x205	1200x615x205	1200x615x205	
Net Weight		kg	30	30	30	
Running Current	Cooling	A	8.70	8.70	11.00	11.00
		A	-	8.40	-	11.00
Outdoor Unit	Compressor Type		Rotary(Tropical)	Rotary(Tropical)	Rotary(Tropical)	Rotary(Tropical)
	Refrigerant Type		R22	R22	R22	R22
	Charge At 7.5m		g	-	-	-
	Sound level (H)		Sound Pressure dB(A)±3	55	55	57
Dimensions (WxHxD)		mm	870x655x320	870x655x320	870x655x320	
Net Weight		kg	55	55	64	
Piping connections	Liquid	mm	6.35	6.35	6.35	
		mm	15.88	15.88	15.88	
Drain OD/ID		mm	-	-	-	
Max. Piping Length Main piping		m	-	-	-	
Max. elevation Indoor-outdoor		m	-	-	-	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

			TV-C368KLA0	TV-H368KLA0	TV-C488LLA0	TV-H488LLA0	TV-C608LLA0	TV-H608LLA0
Power Supply		Ø / V / Hz	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
Capacity	Cooling	kW	10551	10551	14067	14067	16996	15824
		Btu/h	36000	36000	48000	48000	58000	54000
	Heating	kW	-	10844	-	15474	-	16996
		Btu/h	-	37000	-	52800	-	58000
Power Input	Cooling	kW	3290	3290	4790	5600	5600	5600
		kW	-	3190	-	5500	-	5500
EER	Cooling	Btu/h/W	10.94	10.94	9.81	8.57	10.45	9.64
		Btu/h/W	-	11.60	-	9.60	-	10.55
Running Current	Cooling	A	6.00	6.00	10.00	10.00	10.00	10.00
		A	-	6.00	-	10.00	-	10.00
Indoor Unit	Air flow rate (H/M/L)		CMM	29/27/24	29/27/24	37/35/31	37/35/31	37/35/31
			CFM	1024/953/883	1024/953/883	1306/1236/1094	1306/1236/1094	1306/1236/1094
	Sound level (H/M/L)		dB(A)±3	50/49/46	50/49/46	54/52/50	56/54/52	56/54/52
	Dehumidification rate		l/h	3.5	3.5	5.8	5.8	6.2
Dimensions (WxHxD)		mm	1350x220x650	1350x220x650	1750x220x650	1750x220x650	1750x220x650	
Net Weight		kg	35	35	45	45	45	
Running Current	Cooling	A	6.00	6.00	10.00	10.00	10.00	10.00
		A	-	6.00	-	10.00	-	10.00
Outdoor Unit	Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Refrigerant Type		R22	R22	R22	R22	R22	R22
	Charge At 7.5m		g	-	-	-	-	-
	Sound level (H)		Sound Pressure dB(A)±3	58	58	60	62	62
Dimensions (WxHxD)		mm	870x1060x320	870x1060x320	900x1160x370	900x1160x370	900x1160x370	
Net Weight		kg	78	78	95	95	95	
Piping connections	Liquid	mm	6.35	6.35	9.52	9.52	9.52	
		mm	15.88	15.88	19.05	19.05	19.05	
Drain OD/ID		mm	-	-	-	-	-	
Max. Piping Length Main piping		m	30	30	30	30	30	
Max. elevation Indoor-outdoor		m	20	20	20	20	20	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



# FLOOR STANDING

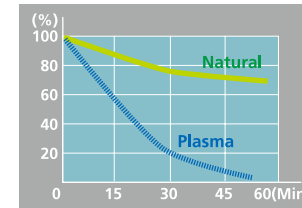
This is a floor standing type that blends in perfectly with the surrounding decoration. Clean and fresh air conditioning is ensured with a high level of cooling or heating performance and air purifying operation.



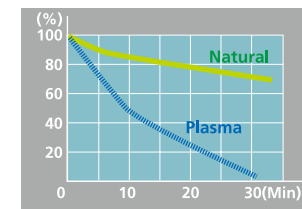
FLOOR STANDING

## PLASMA Air Purifying System (Washable)

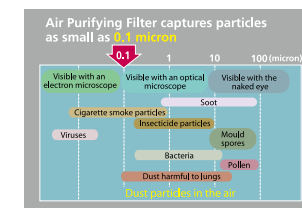
The integrated PLASMA Air Purifying System removes microscopic contaminants and dust, eliminates offensive odors and prevents allergic reactions. It can also be used as an air-purifying unit only, without running the air conditioner.



**Dust Reduction**  
Respirable particles from 5 cigarettes in a sealed room removed by LG Plasma Air Purifying System.



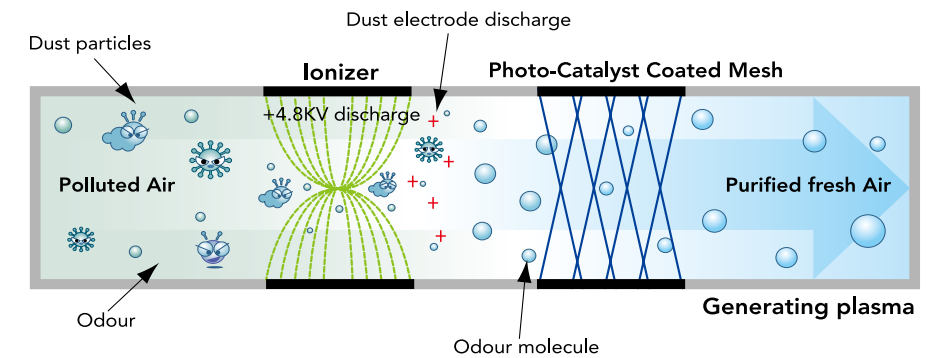
**Deodorization**  
LG's Plasma unit effectively removes high concentration tobacco odors confirmed in Sensory tests of odor index carried out in Korea and Japan.



**Anti-Allergy** In clinical tests, the plasma unit has earned a satisfaction ratio of 82%. Evaluated by CSIRO Australia (DBCE Doc 98/204) Tested by Korean Food Research Institute and Japanese Environmental Centre and Yonsei Univ. College of Medicine. (Allergy Research Lab.)

## Anti-Bacteria Filter

It removes dust in the air as well as bacteria proliferation, making the indoor atmosphere healthy



Ceiling Cassette

Ceiling Concealed Duct

Ceiling & Floor / Ceiling Suspended

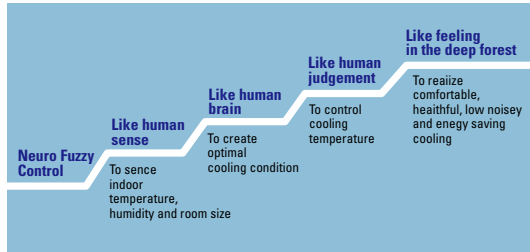
Floor Standing

Single Packaged

Ducted Split

### Auto Operation (Neuro Fuzzy Control)

According to the temperature, air volume and air velocity, the controller will automatically adjust the unit to create the most pleasant atmosphere.



### Auto Swing Function

LG Floor Standing type is provided auto swing louver that horizontally spreads a comfortable air blow.



### Self Diagnosis Function

The operating parameters of indoor and outdoor units, and sensor data at critical locations throughout the system, are constantly monitored using a microcomputer. To facilitate quick response in the event of a malfunction, a message appears on the LED on the unit illuminates.

### Energy Saving Gold Fin™ (Optional)

LG's Outdoor Heat Exchanger is coated with a gold-colored anti-corrosive epoxy treatment on the aluminum coil, to prevent corrosion. This maintains excellent heat transfer properties of the coil for an extended time, whereas non-Gold Fin™ coils progressively lose efficiency due to surface corrosion. Gold Fin™ fin is perfect for areas with high pollution or locations exposed to saltwater spray from the sea.



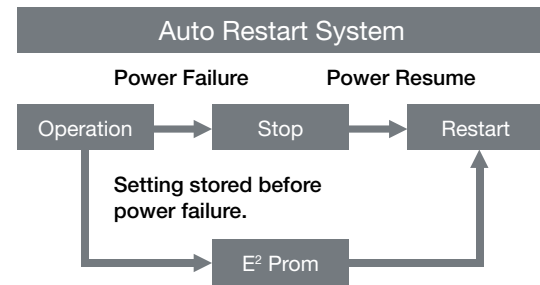
• Gold Fin is long lasting, durable and makes the Outdoor Unit look prestigious.

### Hot Start Function (Heat Pump Model Only)

During starting of the unit in the heating mode it prevents cold air blown from the unit. It starts the indoor fan only after indoor unit pipe temperature reaches a preset value (28°C). When indoor unit pipe temperature has reached 28°C, then for initial 1 minute the indoor fan runs at low speed and after that at the set fan speed.

### Auto Restart Function

In case of a sudden power failure, this feature will automatically restore the A/C to its previous settings when power returns.



### Fast Cooling

Jet Cool Function is quick cooling. In this mode, strong and cool air is blown at highest speed to cool down the room temperature targeting to reach 18°C.

- LP-C306R20
- LP-H306R20
- LP-C306KA(C)0
- LP-H306KA(C)0



### Specifications

			LP-C306R20	LP-H306R20	LP-C306KA(C)0	LP-H306KA(C)0
Power Supply		Ø / V / Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Capacity	Cooling	kW	8.15	8.15	8.13	8.13
		Btu/h	27,800	27,800	27,800	27,800
		Heating	kW	-	8.15	-
		Btu/h	-	27,800	-	27,800
Power Input	Cooling	kW	3.00	3.05	3.00	3.00
	Heating	kW	-	2.97	-	2.87
EER	Cooling	Btu/h/W	9.27	9.11	9.27	9.27
	Heating	Btu/h/W	-	9.36	-	9.69
Indoor Unit	Running Current	Cooling	A	13.5	13.5	13.5
		Heating	A	-	13.0	-
	Air flow rate (H/M/L)	CMM	20/18/12/7	20/18/12/7	21.5/19/13	21.5/19/13
		CFM	706/635/424/247	706/635/424/247		
Sound level (H/M/L)	dB(A)±3	48/44	48/44	48/46/44	48/46/44	
Dehumidification rate	l/h	3.13	3.14	3.17	3.17	
Dimensions (WxHxD)	mm	570x1,820x310	570x1,820x310	500x1,800x320	500x1,800x320	
Net Weight	kg	32	32	40	40	
Running Current	Cooling	A	13.5	13.5	13.5	13.5
	Heating	A	-	13.0	-	13.0
Outdoor Unit	Compressor Type		Rotary	Rotary	Rotary	Rotary
	Refrigerant	Type	R22	R22	R22	R22
	Charge At 7.5m	g	2,150	2,310	1,950	2,150
Sound level (H)	Sound Pressure	dB(A)±3	60	60	60	60
Dimensions (WxHxD)	mm	870x800x320	870x800x320	870x800x320	870x800x320	
Net Weight	kg	68	68	68	68	
Piping connections	Liquid	mm	9.52	9.52	9.52	9.52
	Gas	mm	15.88	15.88	15.88	15.88
Drain	OD/ID	mm	22/16	22/16	22/16	22/16
Max. Piping Length	Main piping	m	30	30	30	30
Max. elevation	Indoor-outdoor	m	20	20	20	20

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



- LP-C508TA(C)0
- LP-H508TA(C)0
- LP-C808FA0
- LP-H808FA0
- LP-C1008FA0

FLOOR STANDING



Specifications

			LP-C508TA(C)0	LP-H508TA(C)0	LP-C808FA0	LP-H808FA0	LP-C1008FA0
Power Supply	Ø / V / Hz		3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50	3/380-415/50
	Capacity	Cooling	kW	14.06	14.06	22.00	22.00
	Heating	Btu/h	48,000	48,000	75,000	75,000	93,000
		kW	-	15.00	-	23.46	-
Power Input	Cooling	Btu/h	-	51,200	-	80,000	-
		kW	5.00	4.90	8.30	8.00	9.50
EER	Heating	kW	-	4.80	-	7.40	-
		Btu/h/W	9.60	9.80	9.04	9.38	9.79
Running Current	Cooling	Btu/h/W	-	10.67	-	10.81	-
		A	8.5	8.5	14.0	13.5	15
Air flow rate (H/M/L)	Heating	A	-	8.0	-	13.0	-
		CMM	30/28/26	30/28/26	57/-/48	57/-/48	67/-/58
Sound level (H/M/L)	Dehumidification rate	CFM	1,060/989/918	1,060/989/918	2,013/-/1,695	2,013/-/1,695	2,366/-/2,048
		dB(A)±3	55/52/48	55/52/48	60/57.5/55	60/57.5/55	62/60/58
Dimensions (WxHxD)	Net Weight	l/h	5.7	5.3	8.5	8.5	12
		mm	590x1,850x440	590x1,850x440	1,050x1,880x495	1,050x1,880x495	1,050x1,880x495
Running Current	Cooling	kg	58	58	110	110	120
		A	8.5	8.5	14.0	13.5	15
Compressor Type	Heating	A	-	8.0	-	13.0	-
		Scroll	Scroll	Scroll	Scroll	Scroll	
Refrigerant	Type	R22	R22	R22	R22	R22	
		Charge At 7.5m	g	2,470	4,750	6,600	8,440
Sound level (H)	Sound Pressure	dB(A)±3	60	60	65	65	68
		mm	900x1,165x370	900x1,165x370	1,245x930x650	1,245x930x650	1,245x930x650
Piping connections	Liquid	kg	80	85	150	150	150
		mm	9.52	9.52	15.88	15.88	12.7
Drain	Gas	mm	19.05	19.05	25.4	25.4	27.94
		OD/ID	mm	-/40	-/40	-/25	-/25
Max. Piping Length	Main piping	m	40	40	50	50	50
		Indoor-outdoor	m	25	25	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

FLOOR STANDING

- HP-C246SLA0
- HP-H246SLA0
- HP-C288SLA0



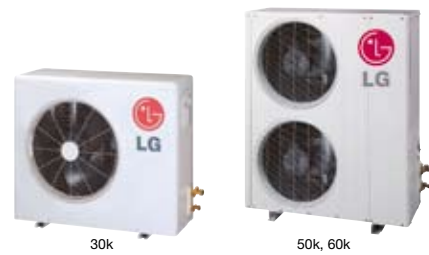
Specifications

			HP-C246SLA0	HP-H246SLA0	HP-C288SLA0
Power Supply	Ø / V / Hz		1/220-240/50	1/220-240/50	1/220-240/50
	Capacity	Cooling	kW	7.0	7.3
	Heating	Btu/h	24,000	25,000	27,500
		kW	-	7.8	-
Power Input	Cooling	Btu/h	-	26,500	-
		kW	2.55	2.78	3.03
EER	Heating	kW	-	2.6	-
		Btu/h/W	9.41	8.99	8.91
Running Current	Cooling	Btu/h/W	-	10.19	-
		A	0.53	0.62	0.62
Air flow rate (H/M/L)	Heating	A	-	-	-
		CMM	17/16/14	18/17/15	18/17/15
Sound level (H/M/L)	Dehumidification rate	CFM	600/560/490	640/600/530	640/600/530
		dB(A)±3	49/46/43	49/46/43	45/43/40
Dimensions (WxHxD)	Net Weight	l/h	2.1	3.1	2.8
		mm	530x1,777x290	530x1,777x290	530x1,760x290
Running Current	Cooling	kg	30	30	30
		A	15.0	15.0	15.0
Compressor Type	Heating	A	-	-	-
		Rotary	Rotary	Rotary	Rotary
Refrigerant	Type	R22	R22	R22	R22
		Charge At 7.5m	g	1,100	2,120
Sound level (H)	Sound Pressure	dB(A)±3	53	56	53
		mm	870x655x320	870x655x320	870x800x320
Piping connections	Liquid	kg	62	62	73
		mm	6.35	6.35	9.52
Drain	Gas	mm	15.88	15.88	15.88
		OD/ID	mm	-/16	-/16
Max. Piping Length	Main piping	m	30	30	30
		Indoor-outdoor	m	10	10

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

FLOOR STANDING

- HP-C306KA0
- HP-C366TA0
- HP-C508TA1



FLOOR STANDING

- TP-C246YLA1
- TP-H246YLA1



Specifications

			HP-C306KA0	HP-C366TA0	HP-C508TA1
Power Supply	Ø / V / Hz		1/220-240/50	1/220-240/50	3/380-415/50
	Capacity	Cooling	kW	8.8	10.6
		Btu/h	30,000	36,000	48,000
Heating		kW	-	-	-
		Btu/h	-	-	-
Power Input	Cooling	kW	3.26	3.95	5.58
	Heating	kW	-	-	-
EER	Cooling	Btu/h/W	9.20	9.11	8.68
	Heating	Btu/h/W	-	-	-
Indoor Unit	Running Current	Cooling	A	0.88	1.41
		Heating	A	-	-
	Air flow rate (H/M/L)	CMM	21/19/13	30/28/26	30/28/26
		CFM	740/670/460	1,060/990/920	1,060/990/920
	Sound level (H/M/L)	dB(A)±3	48/46/44	55/52/48	55/52/48
	Dehumidification rate	l/h	3.1	4.2	5.4
	Dimensions (WxHxD)	mm	500x1,800x320	590x1,850x440	590x1,850x440
	Net Weight	kg	40	58	58
Outdoor Unit	Running Current	Cooling	A	15.0	9.0
		Heating	A	-	-
Compressor Type			Rotary	Rotary	Scroll
	Refrigerant	Type	R22	R22	R22
		Charge At 7.5m	2,000	3,130	2,500
	Sound level (H)	Sound Pressure	dB(A)±3	53	59
	Dimensions (WxHxD)	mm	870x800x320	870x800x320	900x1,160x370
	Net Weight	kg	73	79	87
Piping connections	Liquid	mm	6.35	9.52	9.52
	Gas	mm	15.88	19.05	19.05
Drain	OD/ID	mm	-/16	-/16	-/16
Max. Piping Length	Main piping	m	30	30	30
Max. elevation	Indoor-outdoor	m	10	10	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

			TP-C246YLA1	TP-H246YLA1
Power Supply	Ø / V / Hz		1/220-240/50	1/220-240/50
	Capacity	Cooling	kW	7.03
		Btu/h	24,000	24,000
Heating		kW	-	7.77
		Btu/h	-	26,500
Power Input	Cooling	kW	2,650	2,650
	Heating	kW	-	3,200
EER	Cooling	Btu/h/W	9.06	9.06
	Heating	Btu/h/W	-	8.28
Indoor Unit	Running Current	Cooling	A	12.5
		Heating	A	15.0
	Air flow rate (H/M/L)	CMM	14.5/12.5/9.7	14.5/12.5/9.7
		CFM		
	Sound level (H/M/L)	dB(A)±3	46/44/42	46/44/42
	Dehumidification rate	l/h	2.8	2.8
	Dimensions (WxHxD)	mm	480x1,750x290	480x1,750x290
	Net Weight	kg	26	26
Outdoor Unit	Running Current	Cooling	A	12.5
		Heating	A	15.0
Compressor Type			Rotary	Twin Rotary
	Refrigerant	Type	R22	R22
		Charge At 7.5m	1,750	2,135
	Sound level (H)	Sound Pressure	dB(A)±3	56
	Dimensions (WxHxD)	mm	870x655x320	870x655x320
	Net Weight	kg	60	64
Piping connections	Liquid	mm	6.35	6.35
	Gas	mm	15.88	15.88
Drain	OD/ID	mm	-/16	-/16
Max. Piping Length	Main piping	m	20	20
Max. elevation	Indoor-outdoor	m	12	12

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

- TP-C306SLA0
- TP-H306SLA0
- TP-C488TLA1
- TP-H488TLA1

FLOOR STANDING



- TP-C808FLA1
- TP-H808FLA1
- TP-C1008FA0
- TP-H1008FA0

FLOOR STANDING



Specifications

		TP-C306SLA0	TP-C488TLA1	TP-H488TLA1
Power Supply	Ø / V / Hz	1/220-240/50	3/380-415/50	3/380-415/50
	Capacity	Cooling	kW 7.91	14.07
Heating		Btu/h 27,000	48,000	48,000
Power Input	Cooling	kW 2.85	5.00	5.00
	Heating	kW -	-	5.00
EER	Cooling	Btu/h/W 9.47	9.60	9.60
	Heating	Btu/h/W -	-	10.20
Running Current	Cooling	A 13.5	8.0	8.0
	Heating	A -	-	8.5
Air flow rate (H/M/L)	CMM	17/15/11	31/28/25	31/28/25
	CFM			
Sound level (H/M/L)	dB(A)±3	47/45/43	54/52/50	54/52/50
	Dehumidification rate	l/h 3	6	6
Dimensions (WxHxD)	mm	530x1,760x291	590x1,850x440	590x1,850x440
Net Weight	kg	30	60	60
Running Current	Cooling	A 13.5	8.0	8.0
	Heating	A -	-	8.5
Compressor Type		Twin Rotary	Scroll	Scroll
	Refrigerant	Type R22	R22	R22
Sound level (H)	Charge At 7.5m	g 2,070	4,200	4,400
	Sound Pressure	dB(A)±3 57	60	60
Dimensions (WxHxD)	mm	870x800x320	900x1,130x370	900x1,130x370
Net Weight	kg	68	90	95
Piping connections	Liquid	mm 9.52	9.52	9.52
	Gas	mm 15.88	19.05	19.05
Drain	OD/ID	mm -/16	-/12.5	-/12.5
Max. Piping Length	Main piping	m 30	30	30
Max. elevation	Indoor-outdoor	m 15	15	15

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

		TP-C808FLA1	TP-H808FLA1	TP-C1008FLA0
Power Supply	Ø / V / Hz	3/380-415/50	3/380-415/50	3/380-415/50
	Capacity	Cooling	kW 21.10	21.11
Heating		Btu/h 72,000	72,000	92,000
Power Input	Cooling	kW 8.000	7.700	10,000
	Heating	kW -	7,700	-
EER	Cooling	Btu/h/W 9.00	9.35	9.20
	Heating	Btu/h/W -	10.39	-
Running Current	Cooling	A 14.0	13	18
	Heating	A -	13	-
Air flow rate (H/M/L)	CMM	54/-/48	54/-/48	60/-/55
	CFM			
Sound level (H/M/L)	dB(A)±3	56/-/53	58/-/56	58/-/56
	Dehumidification rate	l/h 9.5	10	10
Dimensions (WxHxD)	mm	1,050x1,880x495	1,050x1,880x495	1,050x1,880x495
Net Weight	kg	110	110	120
Running Current	Cooling	A 14.0	13	18
	Heating	A -	13	-
Compressor Type		Scroll	Scroll	Scroll
	Refrigerant	Type R22	R22	R22
Sound level (H)	Charge At 7.5m	g 5,000	8,000	7,500
	Sound Pressure	dB(A)±3 62	62	62
Dimensions (WxHxD)	mm	806x1,440x690	1,245x 930x650	1,280x1,440x690
Net Weight	kg	140	150	250
Piping connections	Liquid	mm 12.7	12.7	12.7
	Gas	mm 25.4	25.4	28
Drain	OD/ID	mm -/25	-/25	-/25
Max. Piping Length	Main piping	m 50	50	50
Max. elevation	Indoor-outdoor	m 30	30	30

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.



# SINGLE PACKAGED

Economical and user-friendly model, designed for medium-sized houses and shops. Features include a number of operation modes, auto restart and Easy installation.



## FLOOR STANDING

### Easy Installation

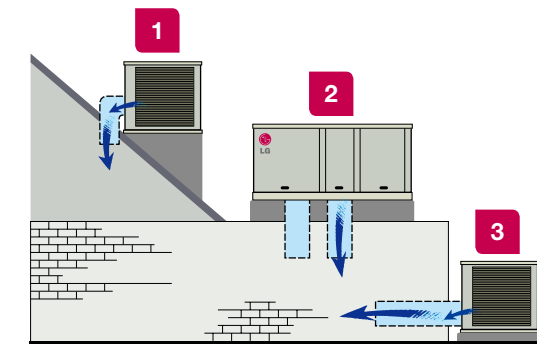
The unit can be installed outdoors to save valuable indoor space, or in locations where no ceiling space is available. Ground or roof installation options provide total flexibility according to your requirements.

### Easy Maintenance & Service

The all-in-one design, with all access panels located on one side of the unit and color-coded wiring, greatly facilitates maintenance and service.

### Additional functions available with duct system

All units are designed for reverse-cycle operation, which means electric heating functions can be added by specialized dealers. This model also allows complete control over fresh air intake, ratio of air purification, as well as monitoring and automatic zone control (additional features available from specialized dealers), through the powerful LG control system.



### Typical Installation

- 1 Roof Jack Installation
- 2 Roof Curb Installation
- 3 Slab on Ground Installation

### LG's Cooling Load Calculation Program

Selecting an air conditioner with the right capacity is very important. A unit that is too small or too big will not only affect your comfort, but may also unnecessarily increase your initial purchasing cost and operational expenses. The LG cooling load calculation program helps you choose the right system for your specific needs.

### Free & Easy Air-Circulation

A duct system allows you to freely control air-circulation.



Ceiling Cassette

Ceiling Concealed Duct

Ceiling & Floor / Ceiling Suspended

Floor Standing

Single Packaged

Ducted Split

SINGLE PACKGED

- TK-C0368HA0
- TK-C0488HA0



AQETC

Accessory : Field-Installed  
(Purchase Additionally)

SINGLE PACKGED

- TK-C0608HA0



AQETC

Accessory : Field-Installed  
(Purchase Additionally)

Specifications

Nomianl Ton		3 RT		4 RT	
		TK-C0368HA0		TK-C0488HA0	
Cooling Capacity	Gross Capacity	Btu/h	35,700		48,400
		W	10,462		14,184
	Net Capacity	Btu/h	34,500		47,000
		W	10,111		13,774
Electrical Data	Power Supply	ø / V / Hz	3/380-415/50		3/380-415/50
	M.C.A	Cooling	Amps	13	15.2
	(with standard motor)	Heating	Amps		
Power Input	Cooling	W	4,000		4,900
	Heating	W			
Performance	Air circulation	Normal	CFM	1,200	1,600
	EER	Cooling	Btu/h W	8.93	9.80
	Sound Rating	Outdoor,Max	dB(A)±3	77	79
Evaporator	Type		High Efficiency		High Efficiency
	Tube size(O.D)	inch	3/8		3/8
		mm	9.52		9.52
	Row/ Column/ FPI		2R/28c/18FPI		3R/28c/18FPI
	Face Area	sq.ft	4.51		4.51
		m <sup>2</sup>	0.42		0.42
Indoor Fan	Type		Centrifugal blower		Centrifugal blower
	No. Used		1 ea		1 ea
	Drive Type/ Motor Step		Direct /3		Direct /3
	No of Motors		1 ea		1 ea
	Motor rpm(H/M/L or Medium or Standard/ Oversized)			860/755/655	
Compressor	Type		Scroll		Scroll
	Quantity		1		1
	Maker		LG		LG
	Capacity	Btu/h	34,500		47,000
Condensor	Type		High Efficiency		High Efficiency
	Tube size(O.D)	inch	9/32		9/32
		mm	7		7
	Row/ Column/ FPI		1R/36c/18FPI		2R/36c/18FPI
	Face Area	sq.ft	10.72		10.72
		m <sup>2</sup>	1		1
	Drain Connection Size	inch	3/4		3/4
	Dimensions Indoor unit(W*H*D)	mm	1,111*824*734		1,111*824*734
	Net Weight	kg(lbs)	110(243)		120(265)

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

Nomianl Ton		5 RT		
		TK-C0608HA0		
Cooling Capacity	Gross Capacity	Btu/h	59,900	
		W	17,554	
	Net Capacity	Btu/h	58,000	
		W	16,998	
Electrical Data	Power Supply	ø / V / Hz	3/380-415/50	
	M.C.A	Cooling	Amps	20.4
	(with standard motor)	Heating	Amps	
Power Input	Cooling	W	6,400	
	Heating	W		
Performance	Air circulation	Normal	CFM	2,000
	EER	Cooling	Btu/h W	9.36
	Sound Rating	Outdoor,Max	dB(A)±3	80
Evaporator	Type		High Efficiency	
	Tube size(O.D)	inch	3/8	
		mm	9.52	
	Row/ Column/ FPI		3R/28c/18FPI	
	Face Area	sq.ft	4.51	
		m <sup>2</sup>	0.42	
Indoor Fan	Type		Centrifugal blower	
	No. Used		1 ea	
	Drive Type/ Motor Step		Direct /2	
	No of Motors		1 ea	
	Motor rpm(H/M/L or Medium or Standard/ Oversized)			1020/920
Compressor	Type		Scroll	
	Quantity		1	
	Maker		LG	
	Capacity	Btu/h	59,000	
Condensor	Type		High Efficiency	
	Tube size(O.D)	inch	9/32	
		mm	7	
	Row/ Column/ FPI		1R/36c/18FPI	
	Face Area	sq.ft	10.72	
		m <sup>2</sup>	1	
	Drain Connection Size	inch	3/4	
	Dimensions Indoor unit(W*H*D)	mm	1,111*824*734	
	Net Weight	kg(lbs)	140(309)	

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

# DUCTED SPLIT

This unit is used for medium sized office and hotels specially mixed with various other Products. It has high efficient scroll compressors and stable with anti corrosion.



## DUCTED SPLIT

### Refrigerant System Single Compressor to Minimize Installation Cost

Selecting an air conditioner with the right capacity is very important. A unit that is too small or too big will not only affect your comfort, but may also unnecessarily increase your initial purchasing cost and operational expenses. The LG cooling load calculation program helps you choose the right system for your specific needs.

	8HP	10HP	12HP	15HP	20HP	25HP	30HP
Single Circuit	•	•	•	•	•	•	•
Dual Circuit	•	•	•	•	•	•	•

\* 15HP construct in single circuit to save installation and material cost

### High Efficiency Scroll Compressor

Scroll compressor optimum energy saving performance and quieter operation made possible by reducing overhead losses.

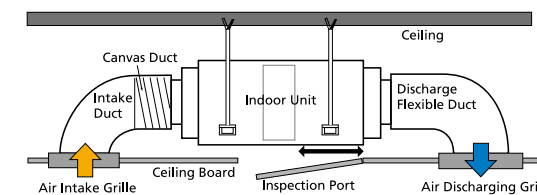


### High Efficiency Cooling Performance

LG engineered fan & heat transfer system provides maximum cooling and airflow while minimizing vibration, acoustic level and power consumption.

### Suitable for Retrofit, Renovation and Replacement

LG ducted split designed to have compact casing to suite the need for retrofit, renovation and replacement market. The compact designed ensures economical use of building space.



### Stability Casing Against Corrosion

Unit casing constructed with electrostatic galvanized steel sheet. Exterior surfaces shall be cleaned, phosphatized and finished with a polyester powder painting and weather-resistant baked enamel finish.

### Flexibility Airflow

The direct drive and belt drive fan can be adjusted according to the air volume and static pressure requirement. The flexibility allow for wider application.

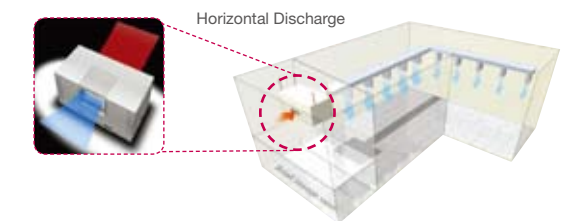
All motors have 10 percent voltage utilization range and wired to unit internal box. Motors are design for long life.

Fan Motor	8HP	10HP	12HP	15HP	20HP	25HP	30HP
Direct Drive (220/1-50)	•	•	•				
Belt Drive (380/3/50)				•	•	•	•

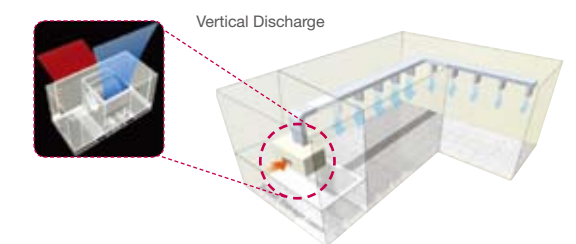
### Installation Convergence

LG ducted split can easily be converted for vertical and horizontal air discharge depending on the characteristics of space and apply application where the unit installed.

#### Horizontal Flow



#### Vertical Flow





DUCTED SPLIT

- TN-C0368SA0
- TN-C0488SA0
- TN-C0608SA0



DUCTED SPLIT

- TN-C0908T00
- TN-C1208T00



Model Structure



- Air Filter Guide
- Blower Housing Ass'y
- "A" Type Indoor Coil
- Plastic Drain Pan



3 RT                      4 RT, 5 RT



7.5 RT                      10 RT

Specifications

Nomianl Ton		3 RT	4 RT	5 RT
		TN-C0368SA0	TN-C0488SA0	TN-C0608SA0
Power Supply	Ø / V / Hz	3/380-415/50	3/380-415/50	3/380-415/50
Cooling Capacity	Gross	kW 10.84	14.51	17.58
		Btu/h 37,000	49,500	60,000
	Net	kW 10.40	13.77	16.70
		Btu/h 35,500	47,000	57,000
EER	Cooling	Btu/h/W 9.02	9.90	10.34
M.C.A (with standard motor)	Amps	9.7	13.9	16.5
Power Input	kW	4.10	5.00	5.80
Air flow rate	Nominal CFM	1,150	1,800	1,900
Sound Rating	bell	6	6.2	6.2
Refrigerant	Type	R22	R22	R22
	Charge	kg	2.1	4.5
Connection Tube	Liquid	mm(inch) 9.52(3/8)	9.52(3/8)	12.7(1/2)
	Gas	mm(inch) 15.88(5/8)	19.05(3/4)	19.05(3/4)
Drain Connection Size	Outdoor	mm(inch) 19.05(3/4)	19.05(3/4)	19.05(3/4)
Dimensions (WxHxD)	Indoor	mm 470x1,014x480	600x1,135x500	600x1,135x500
	Outdoor	mm 870x800x320	900x1,135x370	900x1,135x370
Net Weight	Indoor	kg 59	63	65
	Outdoor	kg 65	100	115
Compressor Type		Scroll	Scroll	Scroll

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.

Specifications

Nomianl Ton		7.5 RT	10 RT
		TN-C0908T00	TN-C1208T00
Power Supply	Ø / V / Hz	3/380-415/50	3/380-415/50
Cooling Capacity	Gross	kW 23.7	32.6
		Btu/h 80,900	111,200
	Net	kW 22.9	31.7
		Btu/h 78,000	108,000
EER	Cooling	Btu/h/W 9.41	8.90
M.C.A (with standard motor)	Amps	20	30
Power Input	kW	8.60	12.50
Air flow rate	Nominal CFM	2,800	3,600
Sound Rating	bell	6.5	6.7
Refrigerant	Type	R22	R22
	Charge	kg	2.8*2
Connection Tube	Liquid	mm(inch) 12.7(1/2)	12.7(1/2)
	Gas	mm(inch) 19.05(3/4)	19.05(3/4)
Drain Connection Size	Outdoor	mm(inch) (11/4)	(11/4)
Dimensions (WxHxD)	Indoor	mm 1,600x660x798	1,600x660x798
	Outdoor	mm 806x1,555x690	1,280x1,555x690
Net Weight	Indoor	kg 190	190
	Outdoor	kg 140	280
Compressor Type		Scroll	Scroll

Note : Due to our policy of innovation some specifications (\* especially noise level) may be changed without notification.