



Ceiling Cassette Type

Cooling • Energy Saving • Comfortable



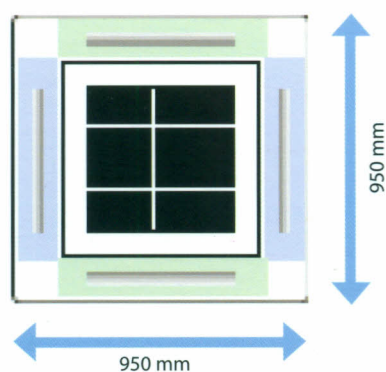


Ceiling Cassette Type

Designed for low noise operation, easy to install in a small space and has exceptional cooling capacity. It ensures a pleasant air conditioned environment. It features Jet Cool for strong cooling and can provide clean air supply through its Plasma air purifying system if required.

Unified Square Panels

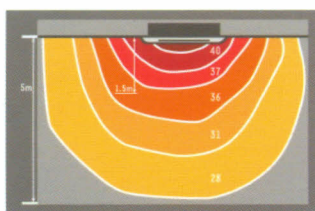
All models are used same size panel. Multiple unit installations maintain a physical uniformity that is aesthetically pleasing and make it easier to plan ceiling lighting systems and to design interior.



Same for
all models

Low Noise with 3-Dimensional Turbo Fan

Cutting-edge low-noise design. The integration of round turbo-fan in our heat exchanger ensures the lowers possible operational noise level.

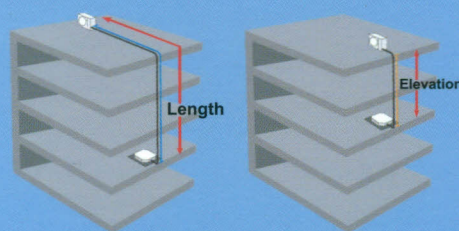


Noise levels measured in a zero-echo test room



Long Distance and High Elevation Pipe

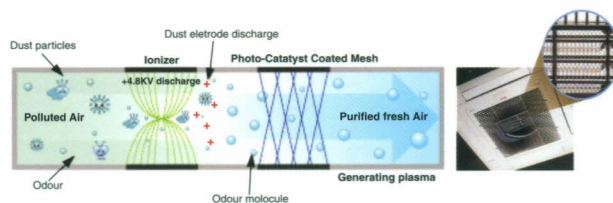
This ceiling cassette can be installed at long distance and high height differences from the outdoor as per below table.



Capacity (Btu/hr)	Max Length	Max Elevation
18,000~30,000	30 m	15 m
36,000~48,000	50 m	15 m

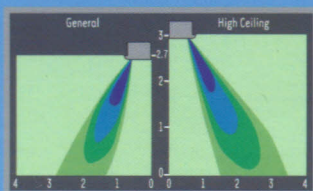
Plasma Air Purifying System (Optional)

The LG Plasma Air Purifying Function 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. User can enjoy clean, fresh air without the cost of regular filter changes.



High Ceiling Operation

According to the ceiling height, the speed of the fan can be adjusted.



Air Velocity Distribution

ex :Ceiling height Mode of slide switch change of air volume remark more than 3.3m high ceiling increasing 2.7~3.3 m standard less than 2.7m low ceiling decreasing manufactured in standard mode.

Space Control

Vane angles can be adjusted a pair of vanes depending on the installation environment.

- Since direct draft can be annoying, creating discomfort and reducing productivity, the vane angle control eliminates all such problems.
- User-friendly control by wired remote control.
- Allows easy control of air flow in any environment.



Weekly Program

If desired, user can set operation interval for up to one week in advance.



Standard (option)

LCD Wireless Remote Controller

- 24 - Hour ON / OFF Timer in 1 hour intervals
- Test RUN Mode
- Self - Diagnosis function
- 3 - Step Fan Speed selection
- Operation Indication
- Room Temperature Display
- Only 20mm thick

Jet Cool Function

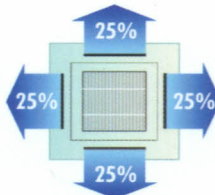
Jet Cool Function is for quick cooling. In this mode, strong and cool air is blown at highest speed to cool down the room temperature targeting to reach 18°C.

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

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

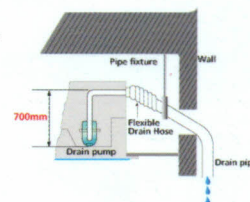
Optimal Air Distribution

- Optimal air distribution with four - way direction air flow system
- Four - way auto swing vane



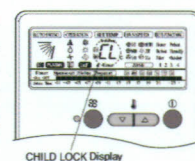
Drain Pump

The high head drain pump pumps out water up to 700 mm height for smooth drainage



Child Lock Function

This function prevents children or others from tampering with the control buttons on the unit. It can still be controlled by the wireless remote control unit. This can be easily set by pressing timer key and simultaneously. After child lock is set, pressing any key will display CL on the LCD for 3 second and all the key will be ineffective.



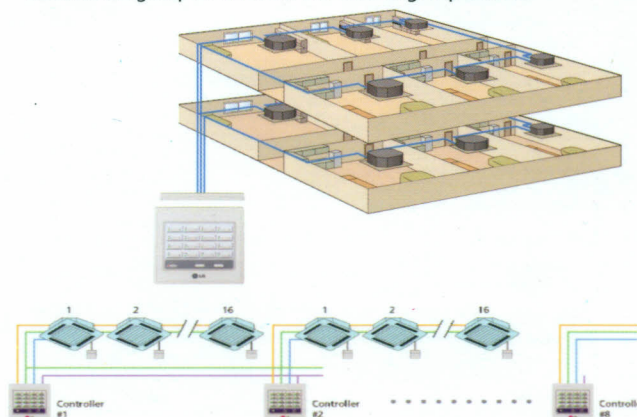
Central Controller (Optional)

1) Basic Operation

- Linking several units, one Central Control Unit can manage and turn off several units individually or as a group.

2) Control Feature

- Each indoor unit is connected to a Central Control Unit via a data communication cable and can be operated or turned off individually or together with a group of units with the central control.
- One Central Control Unit can manage up to 16 indoor units (one group).
- Maximum 8 group with 128 indoor units in group control.



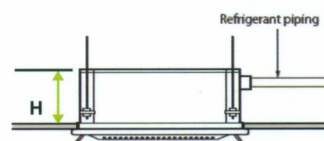
Hygienic and Easy - to - Clean Air Filter

- Easily Accessed Filter
- Long life Anti - Bacteria Filter



Quick and Easy to Install

Compact body ensure space saving installation



Capacity (Btu/hr)	H (mm)
18,000~30,000	225
36,000~48,000	288



18,000 Btu/hr
24,000 Btu/hr



30,000 Btu/hr
36,000 Btu/hr



48,000 Btu/hr

Outdoor Features

- Quiet operation
- Auto restart function
- 3 minutes time delay
- Durable structure for long-life service
- High quality paint enduring all weather conditions
- Compact size requiring minimal installation space
- High performance compressor for high energy efficiency

SPECIFICATIONS - Ceiling Cassette Type

Model			HT-C186HLA1	HT-C246HLA1	HT-C306HLA0	HT-C368DLA1	HT-C488DLA1
Cooling Capacity	kW		5.3	7.0	8.8	10.5	14.0
	Btu/h		18,000	24,000	30,000	36,000	48,000
Power Supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
Current	A		7.8	11.0	15.0	6.0	8.5
Power Consumption	W		1,550	2,330	3,050	3,925	4,900
EER	Btu/h.W		11.61	10.30	9.84	9.17	9.80
Piping Connections	Liquid	mm (inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas	mm (inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)
	Drain(OD)	mm	Ø32	Ø32	Ø32	Ø32	Ø32
Max. Piping Length	m		30	30	30	50	50
Max. Elevation	m		15	15	15	15	15
Dehumidification Rate	l/h		1.15	2.40	2.91	2.70	4.60
Indoor Unit							
Type	Ceiling Cassette						
Controller	Type		Wireless	Wireless	Wireless	Wireless	Wireless
Motor	Type		BLDC	BLDC	BLDC	BLDC	BLDC
Fan	Type		Turbo Fan	Turbo Fan	Turbo fan	Turbo fan	Turbo fan
Air Flow Rate (SH/H/M/L/L)	CMM		17/15/12/10/8	22/17/15/13/12	23/22/20/18/17	37/27/21/20/17	43/36/31/27/23
	CFM		600/530/420/350/280	760/590/530/460/420	810/770/710/635/600	1,310/950/740/710/600	1,520/1,270/1,100/940/810
Sound Level (SH/H/M/L/L)	dB(A)+3		35/31/27/24/20	42/34/32/29/27	44/42/40/37/35	51/44/39/38/35	53/49/46/44/40
Air Filter	Type		Long Life Filter	Long Life Filter	Long Life Filter	Long Life Filter	Long Life Filter
Dimension (WxHxD)	Body	mm	840x225x840	840x225x840	840x225x840	840x288x840	840x288x840
	Decorative Panel	mm	950x30x950	950x30x950	950x30x950	950x30x950	950x30x950
Net Weight	Body	kg	26.0	26.0	26.0	33.0	33.0
	Decorative Panel	kg	5.0	5.0	5.0	5.0	5.0
Outdoor Unit							
Discharge Direction	Side Discharge						
Compressor	Type		Rotary	Rotary	Rotary	Scroll	Scroll
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller
Air Flow Rate x No. of fan	CMM		47x1	47x1	53 x 1	53 x 1	53 x 2
	CFM		1,660x1	1,660x1	1,874x1	1,873.5x 1	1,873.5x 2
Sound Level	dB(A)+3		52	52	53	54	59
Refrigerant	Type		R22	R22	R22	R22	R22
	Pre - Charge at 7.5m	kg	1.10	1.52	2.00	2.10	2.60
Dimension (WxHxD)	mm		870x655x320	870x655x320	870x800x320	870x800x320	900x1,160 x370
Net Weight	kg		51.0	62.0	73.0	79.0	87.0
Outdoor Unit Operation Range	°C		21~43	21~43	21~43	21~43	21~43

Remarks :

- The cooling capacities and electrical characteristics are based on the following conditions:
 - Indoor Temperature 27°C(80°F) DB/19°C(67°F) WB
 - Outdoor Temperature 35°C(95°F) DB/24°C(75.2°F) WB
 - Piping length- Interconnecting Piping length 7.5m
- Due to policy of innovation, some specifications may be changed without notification.



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