

# ceiling & floor ceiling suspended

Floor / Ceiling Convertible System has the flexibility of multiple installations. The Indoor Unit can easily be mounted on the floor or suspended from the ceiling. The Convertible System features Gold Fin protection on the Outdoor Unit & Energy Saving Plasma Heat Exchanger in the Indoor Unit.

## Compact Size

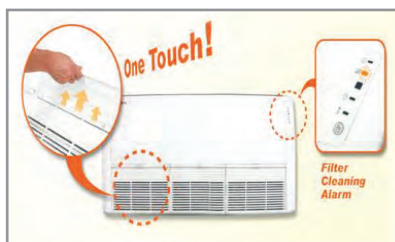


- 1350x650x220(36K)



- 1750x650x220(48/60K)
- Weight : 65kg 35kg
- Volume : 100% 68%

## Upgraded Function

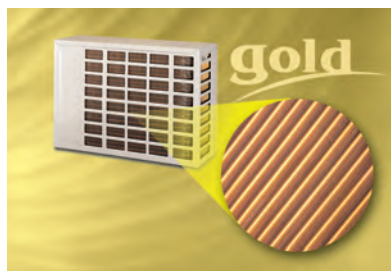


- One Touch Filter & Filter Cleaning Alarm Function
- Power Wind Mode
- Wired Remote Controller (Option) (UV18~UV60 available)
  - Weekly Program
  - Group control. etc



## Gold Fin™ Anti Corrosion

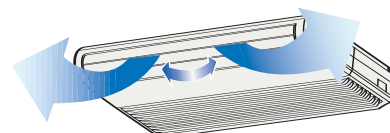
LG's Outdoor Heat Exchanger is coated with a golden anti-corrosive epoxy treatment on the aluminum coil to minimized corrosion. This maintains heat transfer properties of the coil for an extended time where as non-Gold Fin coils progressively lose efficiency due to surface corrosion. Standard on every LG air conditioner, this assists in areas suffering from pollution or near the ocean where the unit may subjected to higher levels of salt.



## Airflow Direction Control

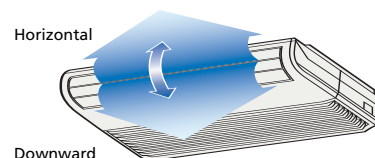
### Horizontal Airflow Direction Control.

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.



# ceiling & floor Heat Pump Non Inverter

## UV12 / UV18 UV24 / UV30



### Specification

#### Indoor Unit

			*UV12 NEC	UV18 NBC	UV24 NBD	UV30 NBD
Nominal Capacity (Rated)	Cooling	Btu/h	12,000	18,000	22,179	26,600
		kw	3.52	5.28	6.5	7.80
	Heating	Btu/h	13,200	19,800	24,909	30,000
		kw	3.87	5.8	7.3	8.80
Nominal Input (Rated)	Cooling	kw	1.35	2.02	2.49	3.53
		Heating	kw	1.37	2.06	2.60
Running Current		A	0.56	0.56	0.56	0.56
Power Supply		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER		W/	2.61	2.61	2.61	2.21
COP		W/	2.82	2.82	2.81	2.41
WOperational Temperature Range	Cooling	°C	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Air Flow Rate (H/M/L)		CMM	10 / 8.3 / 6.5	13.5 / 12 / 11	15 / 13.5 / 12	18 / 16 / 14
		CFM	353 / 293 / 230	437 / 424 / 388	530 / 477 / 424	636/564/494
Sound Level (H/M/L)		dB(A) ±3	40 / 36 / 31	43 / 40 / 37	45 / 42 / 39	45 / 42 / 39
Dehumidification Rate		l/h	1.2	2.3	3.2	3.5
Dimensions (WxHxD)	Body	mm(inch)	900*200*490(35.4*7.9*19.3)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)
Weight	Body	kg(lbs)	12(26.5)	30(66.1)	30(66.1)	30(66.1)
Piping Connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
ECA Compliant			N	N	N	N

\* Autochangeover operation is not available in UV12 NEC.

#### Outdoor Unit

			UU12 ULC	UU18 UEC	UU24 UED	UU30 UED
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Refrigerant Charge	Charge*	g(oz)	1200(42.4)	1300(45.90)	1950(68.9)	1870(66.0)
	Type		R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A) ±3	47	52	52	53
Dimensions	W*H*D	mm (inch)	770*540*245 (30.3*21.3*9.6)	870*655*320 (34.3*25.8*12.6)	870*808*320(34.3*31.8*12.6)	870*808*320(34.3*31.8*12.6)
Net Weight	Outdoor	kg(lbs)	31(68.3)	52(114.6)	60(132.2)	64(141)
Piping connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52(3/8)	9.52(3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable (Includes earth)	No.*mm2		3x2.5	3x2.5	3x2.5	3x3.5
Interunit Cable (Includes earth)	No.*mm2		4x0.75	4x0.75	4x0.75	4x0.75
Max. Piping Length/Elevation		m	15/10	50/30	40/30	50/30
Power Supply		Ø,V/Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Running Current	Cooling/Heating	A	6.2/6.3	8.6/9.4	11.4/12.6	17.2/16.3
Air Circulation		CMM (CFM)	26(918)	53(1872)	53(1872)	53(1872)
Additional Refrigerant Charge (Over 7.5m)		g/m	20	35	45	45
Fuse Sizes Amps			10A	16A	16A	25A



Note: Due to our policy of innovation some specifications may be changed without notification.



# ceiling suspended Heat Pump Non Inverter

## UV36 / UV48 / UV60



### Specification

#### Indoor Unit

			UV36 NKD	UV48 NLD	UV60 NLD
Nominal Capacity (Rated)	Cooling	Btu/h	34,100	45,000	48,800
		kw	10.0	13.20	14.30
	Heating	Btu/h	37,500	54,600	58,000
		kw	11.0	16.00	17.00
Nominal Input (Rated)	Cooling	kw	3.72	5.30	5.90
	Heating	kw	3.78	5.10	5.80
Running Current		A	0.97	0.67*2	0.67*2
Power Supply		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER		W/	2.69	2.49	2.42
COP		W/	2.91	3.14	2.93
WOperational Temperature Range	Cooling	°C	-5 ~ 43	-5 ~ 43	-5 ~ 43
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24
Air Flow Rate (H/M/L)		CMM	29 / 27 / 24	36 / 34 / 32	38 / 36 / 34
		CFM	1023 / 953 / 847	1271 / 1207 / 1136	1341 / 1270 / 1207
Sound Level (H/M/L)		dB(A)±3	44 / 42 / 40	54 / 52 / 50	56 / 54 / 52
Dehumidification Rate		l/h	3.5	5.8	6.2
Dimensions (WxHxD)	Body	mm(inch)	1350*630*220(53.2*24.8*8.66)	1750*630*220(68.9*24.8*8.66)	1750*630*220(68.9*24.8*8.66)
	Weight	kg(lbs)	35(77.2)	45(99.2)	45(99.2)
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)
ECA Compliant			N	N	N

#### Outdoor Unit

			UU37 UED	UU48 U3D	UU60 U3D
Compressor	Type		Scroll	Scroll	Scroll
Refrigerant Charge	Charge*	g(oz)	2450(86.4)	3300(116.4)	3500(123.4)
	Type		R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A)±3	52	55	55
Dimensions	W*H*D	mm (inch)	870*1060*320 (34.2*41.7*12.6)	950*1380*330(37.4*54.3*13.0)	950*1380*330(37.4*54.3*13.0)
Net Weight	Outdoor	kg(lbs)	85(187)	105(231)	105(231)
Piping connections	Liquid	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable (Includes earth)	No.*mm2		4x2.5	4x2.5	4x2.5
Interunit Cable (Includes earth)	No.*mm2		4x0.75	4x0.75	4x0.75
Max. Piping Length/Elevation		m	50/30	50/30	50/30
Power Supply	Ø,V,Hz		3,380~415,50	3,380~415,50	3,380~415,50
Running Current	Cooling/Heating	A	7.5/7.7	6.5/6.4	6.9/6.7
Air Circulation		CMM (CFM)	32(1130)*2	55(1942) *2	55(1942) *2
Additional Refrigerant Charge		g/m	45	50	50
Fuse Sizes Amps			10A	16A	16A



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# ceiling & floor DC Inverter

## UV12 / UV18 UV24 / UV30



## Specification

### Indoor Unit

			*UV12 NEC	UV18 NBC	UV24 NBD	UV30 NBD
Nominal Capacity (Rated)	Cooling	Btu/h	4,800 ~ 12,000 ~ 13,200	7,200 ~ 18,000 ~ 19,800	9,553 ~ 23,884 ~ 26,272	10,373 ~ 25,932 ~ 28,525
		kw	1.40 ~ 3.52 ~ 3.87	2.11 ~ 5.28 ~ 5.81	2.8 ~ 7.0 ~ 7.7	3.04 ~ 7.6 ~ 8.36
	Heating	Btu/h	5,520 ~ 13,800 ~ 15,180	8,120 ~ 20,300 ~ 22,330	10,509 ~ 26,274 ~ 28,901	11,464 ~ 28,662 ~ 31,528
		kw	1.62 ~ 4.04 ~ 4.44	2.38 ~ 5.95 ~ 6.54	3.08 ~ 7.7 ~ 8.47	3.36 ~ 8.4 ~ 9.24
Nominal Input (Rated)	Cooling	kw	1.25	1.74	2.3	2.68
		Heating	kw	1.26	1.85	2.74
Running Current			A	0.56	0.56	0.56
Power Supply		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER		W/	2.82	3.03	3.04	2.84
COP		W/	3.21	3.22	2.81	2.81
WOperational Temperature Range	Cooling	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46	-10 ~ 46
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)		CMM	10 / 8.3 / 6.5	13.5 / 12 / 11	15 / 13.5 / 12	18 / 16 / 14
		CFM	353 / 293 / 230	437 / 424 / 388	530 / 477 / 424	636/564/494
Sound Level (H/M/L)		dB(A) ±3	40 / 36 / 31	43 / 40 / 37	45 / 42 / 39	45 / 42 / 39
Dehumidification Rate		l/h	1.2	2.3	3.2	3.5
Dimensions (WxHxD)	Body	mm(inch)	900*200*490(35.4*7.9*19.3)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)	1,200*205*615(47.2*8.1*24.2)
	Weight	kg(lbs)	12(26.5)	30(66.1)	30(66.1)	30(66.1)
Piping Connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
ECA Compliant			N	N	N	N

\* Autochangeover operation is not available in UV12 NEC.

### Outdoor Unit

			UU12W UEC	UU18W UEC	UU24W UED	UU30W UED
Compressor	Type		e - Scroll	e - Scroll	Rotary	Rotary
Refrigerant Charge	Charge*	g(oz)	1100 (40)	1500(52.91)	2000(70.6)	2000(70.6)
	Type		R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A) ±3	51 /45	51 /45	52/46	52/46
Dimensions	W*H*D	mm (inch)	870*655*320 (34.3*25.8*12.6)	870*655*320 (34.3*25.8*12.6)	870*808*320(34.3*31.8*12.6)	870*1060*320 (34.3*41.7*12.6)
Net Weight	Outdoor	kg(lbs)	46(101)	52(114.6)	60(132)	60(132)
Piping connections	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable (Includes earth)	No.*mm2		3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Interunit Cable (Includes earth)	No.*mm2		4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Max. Piping Length/Elevation	m		15/10	50/30	50/30	50/30
Power Supply	Ø,V/Hz		1,220~240,50	1,220~240,50	1, 220~240, 50	1, 220~240, 50
Running Current	Cooling/Heating	A	6.5/5.8	7.5/10.6	10.0/10.7	12.0/13.0
Air Circulation	CMM (CFM)		50(1766)	50(1766)	58(2048)	58(2048)
Additional Refrigerant Charge (Over 7.5m)	g/m		20	25	35	35
Fuse Sizes Amps			10A	10A	16A	20A



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# ceiling suspended DC Inverter

**UV36 / UV42**  
**UV48 / UV60**



## Specification

### Indoor Unit

			UV36 NKD	UV42 NLD	UV48 NLD	UV60 NLD
Nominal Capacity (Rated)	Cooling	Btu/h	12960 ~ 32400 ~ 35640	17060 ~ 42650 ~ 46915	18160 ~ 45400 ~ 49940	19520 ~ 48800 ~ 53680
		kw	3.8 ~ 9.5 ~ 10.5	5.0 ~ 12.5 ~ 13.8	5.32 ~ 13.3 ~ 14.6	5.72 ~ 14.3 ~ 15.7
	Heating	Btu/h	14320 ~ 35800 ~ 39380	19108 ~ 47770 ~ 52547	21840 ~ 54600 ~ 60060	23200 ~ 58000 ~ 63800
		kw	4.2 ~ 10.5 ~ 11.6	5.6 ~ 14.0 ~ 15.4	6.4 ~ 16.0 ~ 17.6	6.8 ~ 17.0 ~ 18.7
Nominal Input (Rated)	Cooling	kw	3.32	4.15	4.60	5.50
	Heating	kw	3.27	3.88	4.70	5.30
Running Current		A	0.97	0.67*2	0.67*2	0.67*2
Power Supply		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER		W/	2.86	3.01	2.89	2.61
COP		W/	3.21	3.61	3.41	3.21
WOperational Temperature Range	Cooling	°C	-10 ~ 43	-10 ~ 43	-10 ~ 43	-10 ~ 43
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)		CMM	29 / 27 / 24	32 / 30 / 28	36 / 34 / 32	38 / 36 / 34
		CFM	1023 / 953 / 847	1136 / 1059 / 989	1271 / 1207 / 1136	1341 / 1270 / 1207
Sound Level (H/M/L)		dB(A)±3	44 / 42 / 40	48 /45 /42	54 / 52 / 50	56 / 54 / 52
Dehumidification Rate		l/h	3.5	4.5	5.8	6.2
Dimensions (WxHxD)	Body	mm(inch)	1350*630*220(53.2*24.8*8.66)	1750*630*220(68.9*24.8*8.66)	1750*630*220(68.9*24.8*8.66)	1750*630*220(68.9*24.8*8.66)
	Weight	kg(lbs)	35(77.2)	45(99.2)	45(99.2)	45(99.2)
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)
ECA Compliant			N	Y	N	N

### Outdoor Unit

			UU36W UED	UU42W U3D	UU48W U3D	UU60W U3D
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Refrigerant Charge	Charge*	g(oz)	2500(88.2)	3600(127)	3600(127)	3600(127)
	Type		R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A)±3	56/52	55/51	55/51	55/51
Dimensions	W*H*D	mm (inch)	870*1060*320 (34.3*41.7*12.6)	950*1380*330 (37.4*54.3*13.0)	950*1380*330 (37.4*54.3*13.0)	950*1380*330 (37.4*54.3*13.0)
Net Weight	Outdoor	kg(lbs)	75(165.3)	103(227)	103(227)	103(227)
Piping connections	Liquid	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas	mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable (Includes earth)	No.*mm2		3 x 2.5	3 x 3.5	3 x 3.5	3 x 3.5
Interunit Cable (Includes earth)	No.*mm2		4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Max. Piping Length/Elevation		m	50/30	75/30	75/30	75/30
Power Supply	Ø,V,Hz		1, 220~240, 50	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50
Running Current	Cooling/Heating	A	14.0/14.2	17.7/16.7	20.5/20.5	24.7/23.5
Air Circulation		CMM (CFM)	32(1130) x 2	55(1942) x 2	55(1942) x 2	55(1942) x 2
Additional Refrigerant Charge		g/m	50	40	40	40
Fuse Sizes Amps			20A	25A	32A	40A



UU36W

UU42W / UU48W / UU60W

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