

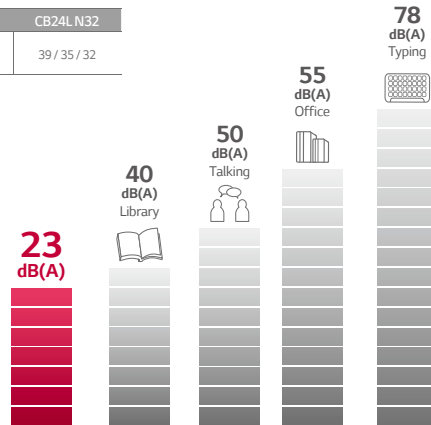
SINGLE SPLIT KEY FEATURES

# CEILING CONCEALED DUCT (LOW STATIC PRESSURE)

## Quiet Operation

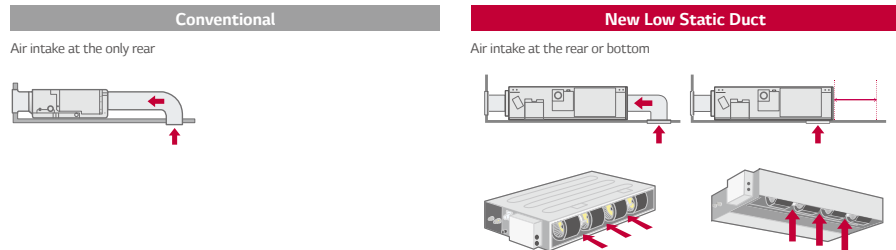
The noise level of low static ducts have been reduced, even though ESP has been increased.

	CB09L N12	CB12L N22	CB18L N22	CB24L N32
Sound Pressure (High / Medium / Low)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32



## Flexible Installation

The new low static duct allows the air intake at the rear or bottom under installation condition.



SINGLE SPLIT SPECIFICATION

# CEILING CONCEALED DUCT

### STANDARD INVERTER

MID / HIGH STATIC PRESSURE  
- CM18 / CM24 / UM30



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UU18W



UU24W  
UU30W



INDOOR		CM18 N14	CM24 N14	UM30 N14		
Capacity	Cooling	Min / Nom / Max kW	1.8 / 5.0 / 6.0	2.8 / 6.8 / 7.5	3.2 / 7.8 / 8.8	
	Heating	Min / Nom / Max kW	2.2 / 6.0 / 7.2	3.2 / 7.5 / 8.3	3.6 / 9.0 / 9.9	
Low Temperature Capacity	Heating -7°C	Max kW	5.4	7.2	8.1	
	Cooling	Nom kW	1.46	2.07	2.41	
Power Input (Set)	Heating	Nom kW	1.66	2.34	2.62	
	Power Input (Indoor)	Min / Max (Nom ESP) W	90 / 160	100 / 180	160 / 240	
Running Current	Cooling / Heating	Nom A	6.5 / 7.6	9.1 / 10.3	10.1 / 10.7	
	Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
EER			3.41	3.11	3.51	
COP			3.61	3.21	3.70	
SEER			6.10	6.10	6.10	
SCOP			4.25	3.90	4.00	
Pdesign (@ -10°C)			kW	4.1	6.0	6.5
Seasonal Energy Label	Cooling / Heating		A++ / A+	A++ / A	A++ / A+	
	Annual Energy Consumption	Cooling / Heating kWh	287 / 1,383	390 / 2,154	448 / 2,275	
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	
	Gas	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	
	Drain	Ø.D. / I.D. mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	
Air Flow Rate	Cooling	High / Medium / Low m <sup>3</sup> /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0	
Sound Pressure	Cooling	High / Medium / Low dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34	
	Sound Power	Cooling Max dB(A)	59	60	62	
Dehumidification Rate		l/h	2.0	2.5	2.8	
Dimensions	Body	W x H x D mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	
	Net Weight	Body kg	23.8	24.2	25.3	
External Static Pressure	Min - Max	mmAq (Pa)	2.5-15 (25-147)	2.5-15 (25-147)	2.5-15 (25-147)	

OUTDOOR		UU18W U4	UU24W U4	UU30W U4	
Compressor	Type	Twin Rotary	Twin Rotary	Twin Rotary	
Airflow Rate	Cooling	Nom m <sup>3</sup> /min	50	58	58
	Sound Pressure	Nom dB(A)	47	48	48
Sound Power	Heating	Nom dB(A)	52	52	52
	Cooling	Max dB(A)	63	67	68
Dimensions	W x H x D	mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight		kg	44.6	56.1	58.0
	Type		R410A	R410A	R410A
	Charge	g	1,300	2,000	2,000
	Additional Charge	g/m	20	40	40
Refrigerant	GWP		2087.5	2087.5	2087.5
	TCO2eq		2.7	4.2	4.2
	Operation Range (Outdoor)	Min - Max °C DB	-15 - 48	-15 - 48	-15 - 48
Power Supply	Heating	Min - Max °C WB	-18 - 18	-18 - 18	-18 - 18
	Power Supply	Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	No. x mm <sup>2</sup>	3C x 2.5	3C x 2.5	3C x 2.5	
Transmission Cable	No. x mm <sup>2</sup>	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	20	25	25
Piping Length Total	Min - Max	m	5 - 30	5 - 50	5 - 50
Piping Elevation Difference	IDU - ODU	Max m	30	30	30
	Liquid	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions:

Cooling - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption: based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION



# CEILING CONCEALED DUCT

## STANDARD INVERTER

MID / HIGH STATIC PRESSURE  
- UM36 / UM42 / UM48 / UM60



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Check ongoing validity of certification  
:www.eurovent-certification.com

UU36W UU42W  
UU48W  
UU60W



## STANDARD INVERTER

MID / HIGH STATIC PRESSURE  
- UM36 / UM42 / UM48 / UM60



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UU36W UU42W  
UU48W  
UU60W



INDOOR		UM36 N24	UM42 N24	UM48 N34	UM60 N34	
Capacity	Cooling	4.0/10.0/11.0	5.0/12.1/13.2	5.6/14.0/15.4	5.9/14.8/16.3	
	Heating	Min / Nom / Max	4.5/11.2/12.3	5.6/14.0/15.0	6.6/15.8/18.2	6.8/16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	10.0	12.5	14.8	15.2
	Cooling	Nom	3.12	3.76	4.10	4.53
Power Input (Set)	Heating	Nom	3.19	3.86	4.39	4.79
	Power Input (Indoor)	Min / Max (Nom ESP)	200/360	230/380	220/340	300/430
Running Current	Cooling / Heating	Nom	13.6 / 13.9	16.6 / 17.2	17.3 / 18.5	19.1 / 20.2
Power Supply		Ø / V / Hz	1 / 220-240 / 50			
EER			3.21	3.22	3.41	3.31
COP			3.51	3.63	3.60	3.51
SEER			5.11	-	-	-
SCOP			3.81	-	-	-
Pdesign (@ -10°C)			7.8	-	-	-
Seasonal Energy Label	Cooling / Heating	A / A	-	-	-	-
Annual Energy Consumption	Cooling / Heating	kWh	685 / 2,866			
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø15.88 (5/8)			
	Drain	Ø D / ID / mm	32 / 25			
Air Flow Rate	Cooling	High / Medium / Low	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High / Medium / Low	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
	Cooling	Max	60	62	65	66
Dehumidification Rate		l/h	3.2	3.6	4.5	5.0
Dimensions	Body	W x H x D	1,250 x 270 x 700			
	Net Weight	kg	35.0	37.0	42.5	42.5
External Static Pressure		Min - Max	4-15 (39-147)	5-15 (49-147)	5-15 (49-147)	5-15 (49-147)

OUTDOOR		UU36W UO2	UU42W U32	UU48W U32	UU60W U32	
Compressor	Type	Twin Rotary		Twin Rotary		
Airflow Rate						
Airflow Rate	Cooling	Nom	90	110	110	
	Sound Pressure	Nom	53	52	52	
Sound Pressure	Heating	Nom	54	54	54	
	Sound Power	Max	66	67	68	
Dimensions	W x H x D	950 x 1,170 x 330				
Net Weight						
	Type	kg	81.0	92.0	92.0	
Refrigerant	Charge	g	R410A	R410A	R410A	
	Additional Charge	g/m	2,800	3,400	3,400	
Refrigerant	GWP	-	40	40	40	
	TCO2eq	-	2087.5	2087.5	2087.5	
Operation Range (Outdoor)	Cooling	Min - Max	-15 - 48	-15 - 48	-15 - 48	
	Heating	Min - Max	-18 - 18	-18 - 18	-18 - 18	
Power Supply						
Power Supply Cable	Ø / V / Hz	1 / 220-240 / 50				
Power Supply Cable	Na. x mm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0	
Transmission Cable	Na. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	40	40	40	
Piping Length Total		m	5 - 50	5 - 75	5 - 75	
Piping Elevation Difference	IDU - ODU	Max	m	30	30	
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)			
	Gas	mm (inch)	Ø15.88 (5/8)			

INDOOR		UM36 N24	UM42 N24	UM48 N34	UM60 N34	
Capacity	Cooling	4.0/10.0/11.0	5.0/12.5/13.8	5.6/14.0/15.4	5.9/14.8/16.3	
	Heating	Min / Nom / Max	4.5/11.2/12.3	5.6/14.0/15.4	6.6/16.4/18.2	6.8/16.8/18.7
Low Temperature Capacity	Heating -7°C	Max	10.0	12.5	14.8	15.2
	Cooling	Nom	3.12	3.76	4.10	4.53
Power Input (Set)	Heating	Nom	3.19	3.86	4.39	4.79
	Power Input (Indoor)	Min / Max (Nom ESP)	200/360	230/380	220/340	300/430
Running Current	Cooling / Heating	Nom	4.7 / 4.9	6.0 / 6.5	6.6 / 7.1	
Power Supply		Ø / V / Hz	1 / 220-240 / 50			
EER			3.21	3.22	3.41	3.31
COP			3.51	3.63	3.60	3.51
SEER			5.11	-	-	-
SCOP			3.81	-	-	-
Pdesign (@ -10°C)			7.8	-	-	-
Seasonal Energy Label	Cooling / Heating	A / A	-	-	-	-
Annual Energy Consumption	Cooling / Heating	kWh	685 / 2,866			
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø15.88 (5/8)			
	Drain	Ø D / ID / mm	32 / 25			
Air Flow Rate	Cooling	High / Medium / Low	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High / Medium / Low	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
	Cooling	Max	58	62	65	66
Dehumidification Rate		l/h	2.6	3.6	4.5	5.0
Dimensions	Body	W x H x D	1,250 x 270 x 700			
	Net Weight	kg	35.0	37.0	42.5	42.5
External Static Pressure		Min - Max	4-15 (39-147)	5-15 (49-147)	5-15 (49-147)	5-15 (49-147)

OUTDOOR		UU37W UO2	UU43W U32	UU49W U32	UU61W U32	
Compressor	Type	Twin Rotary		Twin Rotary		
Airflow Rate						
Airflow Rate	Cooling	Nom	90	110	110	
	Sound Pressure	Nom	53	52	52	
Sound Pressure	Heating	Nom	54	54	54	
	Sound Power	Max	66	67	68	
Dimensions	W x H x D	950 x 1,170 x 330				
Net Weight						
	Type	kg	85.0	96.0	96.0	
Refrigerant	Charge	g	R410A	R410A	R410A	
	Additional Charge	g/m	2,800	3,400	3,400	
Refrigerant	GWP	-	40	40	40	
	TCO2eq	-	2087.5	2087.5	2087.5	
Operation Range (Outdoor)	Cooling	Min - Max	-15 - 48	-15 - 48	-15 - 48	
	Heating	Min - Max	-18 - 18	-18 - 18	-18 - 18	
Power Supply						
Power Supply Cable	Ø / V / Hz	3 / 380-415 / 50				
Power Supply Cable	Na. x mm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5	
Transmission Cable	Na. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	20	20	20	
Piping Length Total		m	5 - 50	5 - 75	5 - 75	
Piping Elevation Difference	IDU - ODU	Max	m	30	30	
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)			
	Gas	mm (inch)	Ø15.88 (5/8)			

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions: Cooling - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption - based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R410A)

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# CEILING CONCEALED DUCT

## STANDARD INVERTER

### HIGH STATIC PRESSURE - UB70 / UB85



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INDOOR			UB70 N94	UB85 N94
Capacity	Cooling	Min / Nom / Max	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min / Nom / Max	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max	18.0	24.0
	Cooling	Nom	6.69	8.19
Power Input (Set)	Heating	Nom	6.4	8.31
	Power Input (Indoor)	Min / Max (Nom ESP)	550 / 760	610 / 920
Running Current	Cooling / Heating	Nom	11.5 / 10.7	13.5 / 13.6
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER			2.84	2.81
COP			3.50	3.25
SEER			-	-
SCOP			-	-
Pdesign (@ -10°C)		kW	-	-
Seasonal Energy Label	Cooling / Heating		-	-
Annual Energy Consumption	Cooling / Heating	kWh	-	-
	Liquid	mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)
Piping Connection	Gas	mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)
	Drain	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure	Cooling	High / Medium / Low	43 / 41 / 40	43 / 41 / 40
	Cooling	Max	61	61
Dehumidification Rate		l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	W x H x D	1,563 x 458 x 791	1,563 x 458 x 791
	Net Weight	kg	900	900
External Static Pressure		Min - Max	6 - 25 (60-250)	6 - 25 (60-250)

OUTDOOR			UU70W U34	UU85W U74
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
AirFlow Rate		Nom	110	190
Sound Pressure	Cooling	Nom	55	59
	Heating	Nom	58	60
Sound Power	Cooling	Max	73	74
	Dimensions	W x H x D	950 x 1380 x 330	1,090 x 1,625 x 380
Net Weight	Type		110	144.0
	Charge	g	5,200	5,500
Refrigerant	Additional Charge	g/m	70	70
	GWP		2087.5	2087.5
Operation Range (Outdoor)	Cooling	Min - Max	-20 - 48	-20 - 48
	Heating	Min - Max	-18 - 18	-18 - 18
Power Supply		Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable		No. x mm <sup>2</sup>	3C x 2.5	5C x 2.5
Transmission Cable		No. x mm <sup>2</sup>	4C x 1.0	4C x 1.0
Circuit Breaker		A	30	30
Piping Length Total	IDU - ODU	Min - Max	75	75
	Piping Elevation Difference	Max	30	30
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas	mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)

## STANDARD INVERTER

### LOW STATIC PRESSURE - CB09L / CB12L / CB18L / CB24L



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INDOOR			CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling	Min / Nom / Max	1.1 / 2.5 / 3.2	1.4 / 3.4 / 3.7	2.0 / 5.0 / 6.0	4.0 / 7.1 / 7.7
	Heating	Min / Nom / Max	1.2 / 3.2 / 3.6	1.6 / 4.0 / 4.5	2.2 / 6.0 / 7.2	2.0 / 7.5 / 8.3
Low Temperature Capacity	Heating -7°C	Max	3.5	4.4	6.7	8.2
	Cooling	Nom	0.72	1.00	1.55	2.36
Power Input (Set)	Heating	Nom	0.91	1.05	1.50	2.05
	Power Input (Indoor)	Min / Max (Nom ESP)	40 / 60	80 / 100	100 / 140	110 / 160
Running Current	Cooling / Heating	Nom	3.1 / 4.0	4.3 / 4.6	6.8 / 8.4	10.4 / 9.0
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER			3.48	3.41	3.11	3.01
COP			3.51	3.81	3.41	3.61
SEER			5.11	5.61	6.10	5.60
SCOP			3.81	3.81	3.95	3.90
Pdesign (@ -10°C)		kW	2.8	3.0	4.0	5.8
Seasonal Energy Label	Cooling / Heating	A / A	A+ / A	A+ / A	A+ / A	A+ / A
Annual Energy Consumption	Cooling / Heating	kWh	172 / 1,032	213 / 1,105	287 / 1,418	444 / 2,082
	Liquid	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
Piping Connection	Gas	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain	mm	32 / 25	32 / 25	Ø32.0 / 25.0	Ø32.0 / 25.0
Air Flow Rate		High / Medium / Low	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High / Medium / Low	30 / 28 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
	Cooling	Max	49	52	54	58
Dehumidification Rate		l/h	1.1	1.2	1.7	2.2
Dimensions	Body	W x H x D	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
	Net Weight	kg	230	230	270	270
External Static Pressure		Min - Max	0-5 (0-49)	0-5 (0-49)	0-5 (0-49)	0-5 (0-49)

OUTDOOR			UU09W ULD	UU12W ULD	UU18W UE4	UU24W U44
Compressor	Type		Rotary	Rotary	Twin Rotary	Twin Rotary
AirFlow Rate		Nom	32	32	50	58
Sound Pressure	Cooling	Nom	47	47	47	48
	Heating	Nom	48	48	52	52
Sound Power	Cooling	Max	56	57	63	67
	Dimensions	W x H x D	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330
Net Weight	Type		32.0	32.0	44.8	56.1
	Charge	g	1,000	1,000	1,300	2,000
Refrigerant	Additional Charge	g/m	20	20	20	40
	GWP		2087.5	2087.5	2087.5	2087.5
Operation Range (Outdoor)	Cooling	Min - Max	-10 - 43	-10 - 43	-15 - 48	-15 - 42
	Heating	Min - Max	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable		No.xmm <sup>2</sup>	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable		No.xmm <sup>2</sup>	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker		A	15	15	20	25
Piping Length Total	IDU - ODU	Min - Max	5-15	5-15	5-30	5-50
	Piping Elevation Difference	Max	10	10	30	30
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)

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2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions:

Cooling - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption - based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R410A)

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5. This product contains fluorinated greenhouse gases (R410A)

SINGLE SPLIT SPECIFICATION

# CEILING CONCEALED DUCT

**COMPACT INVERTER**

HIGH STATIC PRESSURE  
- UB18C / UB24C / UM30 / UM36



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
[www.eurovent-certification.com](http://www.eurovent-certification.com)

PQRCVCLQOV offered with UB18C / UB24C  
PREMTB001 offered with UM30 / UM36

UU18WC

UU24WC  
UU30WC

UU36WC



INDOOR			UB18C NHO	UB24C NHO	UM30 N14	UM36 N24
Capacity	Cooling	Min / Nom / Max	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.4	3.2 / 7.5 / 7.8	3.8 / 9.5 / 10.0
	Heating	Min / Nom / Max	1.7 / 5.2 / 5.7	1.9 / 7.5 / 8.2	3.6 / 8.0 / 8.8	4.0 / 10.0 / 10.5
Low Temperature Capacity	Heating	-7°C	3.9	5.7	7.0	8.7
	Max		1.63	2.33	2.68	3.35
Power Input (Set)	Cooling	Nom	1.67	2.40	2.25	2.93
	Heating	Nom	1.63	2.33	2.68	3.35
Power Input (Indoor)	Min / Max (Nom ESP)	W	80 / 100	100 / 140	160 / 240	200 / 360
	Running Current	Cooling / Heating	Nom	7.3 / 7.4	9.4 / 9.6	12.0 / 10.0
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER			2.86	2.92	2.8	2.8
COP			3.11	3.13	3.6	3.4
SEER			5.11	5.38	5.6	5.6
SCOP			3.81	3.81	3.9	3.8
Pdesign (@ -10°C)		kW	3.2	5.2	5.8	6.5
Seasonal Energy Label	Cooling / Heating	A / A	A / A	A / A	A / A	A / A
	Annual Energy Consumption	Cooling / Heating	kWh	322 / 1,176	442 / 1,911	469 / 2,082
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	Ø D / I/D	mm	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	13.5 / 12.0 / 10.5	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0
Sound Pressure	Cooling	High / Medium / Low	dB(A)	36 / 34 / 32	38 / 36 / 34	37 / 35 / 34
	Max		dB(A)	59	63	60
Dehumidification Rate		l/h	11 (2.5)	21.2 (4.9)	2.8	3.2
Dimensions	Body	W x H x D	mm	882 x 260 x 450	882 x 260 x 450	900 x 270 x 700
	Net Weight	Body	kg	25.3	26.1	25.3
External Static Pressure		Min - Max	mmAq (Pa)	2.5-8 (25-78)	2.5-8 (25-78)	2.5-15 (25-147)

OUTDOOR			UU18WC ULO	UU24WC UEO	UU30WC UEO	UU36WC U40
Compressor	Type		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate	Cooling	Nom	m³/min	28	50	50
	Max		dB(A)	47	48	51
Sound Pressure	Heating	Nom	dB(A)	49	50	52
	Max		dB(A)	65	68	70
Dimensions	W x H x D	mm	770 x 545 x 288	870 x 655 x 320	870 x 655 x 320	950 x 834 x 330
	Net Weight		kg	37.5	44.5	45.4
Refrigerant	Type		R410A	R410A	R410A	R410A
	Charge		g	1,300	1,400	1,600
	Additional Charge		g/m	20	40	40
	GWP			2087.5	2087.5	2087.5
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-10 - 46	-10 - 46	-10 - 48
	Heating	Min - Max	°C WB	-10 - 18	-15 - 18	-10 - 18
Power Supply		Ø / V / Hz	1 / 220-240 / 50	0 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable		Na. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable		Na. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker		A	15	20	20	25
Piping Length Total		m	5-30	5-30	5-35	5-40
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions

Cooling - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption - based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R410A)

# CEILING & FLOOR CONVERTIBLE

# CEILING SUSPENDED UNIT

