

## WALL MOUNTED UNIT



## STANDARD INVERTER (R32)

US30F / US36F



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
: www.eurovent-certification.com

UUC1 U40



UUD1 U30



UUD3 U30



COMBINATION				30	36	36
Capacity	Cooling	Min - Rated - Max	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min - Rated - Max	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min - Rated - Max	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min - Rated - Max	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling	Rated	A	10.1	11.4	4.1
	Heating	Rated	A	11.1	12.2	4.4
EER / COP			kWh/kWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
SEER / SCOP			kWh/kWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
Pdesign	Cooling @ 35°C		kW	8	9.5	9.5
	Heating @ -10°C		kW	5.4	8.7	8.7
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	400 / 1,758	545 / 3,164	545 / 3,164
Dehumidification Rate			l/h	2.9	3.8	3.8
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 52	50 / 50	50 / 50
ODU Sound Power Level	Cooling	Rated	dB(A)	68	66	66
Piping Connections	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°C	-20 - 50	-20 - 52	-20 - 52
	Heating	Min - Max	°C	-20 - 18	-25 - 18	-25 - 18

INDOOR			US30F NRO	US36F NRO	US36F NRO
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)		H / M / L	W	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m³/min	21 / 17 / 13	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0

OUTDOOR			UUC1 U40	UUD1 U30	UUD3 U30
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	3, 380-415, 50
Circuit Breaker		Min	A	25	40
Power Supply Cable (included Earth)		No x mm²	3C x 2.5	3C x 6.0	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330
Weight	Net		kg	57.7	85
Compressor	Type		-	Twin Rotary	Inverter Scroll
	Type		-	R32	R32
	GWP (Global Warming Potential)		-	675	675
	Precharged Amount		kg	1.9	3.0
	t-CO <sub>2</sub> eq.		-	1.283	2.025
Refrigerant	Additional Charge (After 7.5m)		g/m	40	40
	Air Flow Rate	Rated	m³/min x No.	58 x 1	55 x 2
Total Piping Length		Min / Max	m	5 / 50	5 / 85
Piping Elevation	IDU - ODU	Max	m	30	30

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
  - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
  - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
- This product contains fluorinated greenhouse gases (R32)

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## COMPACT INVERTER (R32)

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UUB1 U20



UUC1 U40



COMBINATION				30	36
Capacity	Cooling	Min - Rated - Max	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min - Rated - Max	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min - Rated - Max	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min - Rated - Max	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling	Rated	A	10.1	13.6
	Heating	Rated	A	9.3	13.3
EER / COP			kWh/kWh	3.25 / 3.60	3.10 / 3.60
SEER / SCOP			kWh/kWh	6.8 / 4.1	6.4 / 4.1
Pdesign	Cooling @ 35°C		kW	7.5	9.5
	Heating @ -10°C		kW	4.3	5.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	386 / 1,468	520 / 1,980
Dehumidification Rate			l/h	3.0	3.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	67	70
Piping Connections	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°C	-10 - 48	-20 - 50
	Heating	Min - Max	°C	-15 - 18	-15 - 18

INDOOR			US30F NRO	US36F NRO
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)		H / M / L	W	65 / 47 / 42
Air Flow Rate		H / M / L	m³/min	21 / 17 / 13
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265
Weight	Body		kg	18.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0
Sound Power Level	Cooling	Max.	dB(A)	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0

OUTDOOR			UUB1 U20	UUC1 U40
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Circuit Breaker		Min	A	25
Power Supply Cable (included Earth)		No x mm²	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330
Weight	Net		kg	44.5
Compressor	Type		-	Twin Rotary
	Type		-	R32
	GWP (Global Warming Potential)		-	675
	Precharged Amount		kg	1.2
	t-CO <sub>2</sub> eq.		-	0.81
Refrigerant	Additional Charge (After 7.5m)		g/m	40
	Air Flow Rate	Rated	m³/min x No.	50 x 1
Total Piping Length		Min / Max	m	5 / 35
Piping Elevation	IDU - ODU	Max	m	30

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