

# 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](http://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 <sup>o</sup>		kW	8	9.5	9.5
	Heating @ -10 <sup>o</sup>		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)	∅ 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)
	Connections Method			Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°	-20 - 50	-20 - 52	-20 - 52
	Heating	Min - Max	°	-20 - 18	-25 - 18	-25 - 18
INDOOR				US30F.NR0	US36F.NR0	US36F.NR0
Power Supply			∅, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m <sup>3</sup> /min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	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	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	∅ 21.5 / 16.0	∅ 21.5 / 16.0	∅ 21.5 / 16.0
OUTDOOR				UUC1.U40	UUD1.U30	UUD3.U30
Power Supply			∅, V, Hz	1, 220-240, 50	1, 220-240, 50	3, 380-415, 50
Circuit Breaker		Min	A	25	40	20
Power Supply Cable (included Earth)			No x mm <sup>3</sup>	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	950 x 1,380 x 330
Weight	Net		kg	57.7	85	85
Compressor	Type			Twin Rotary	Inverter Scroll	Inverter Scroll
	Type			R32	R32	R32
Refrigerant	GWP (Global Warming Potential)			675	675	675
	Precharged Amount		kg	1.9	3.0	3.0
	t-CO <sub>2</sub> eq.			1.283	2.025	2.025
	Additional Charge (After 7.5m)		g/m	40	40	40
Fan	Air Flow Rate	Rated	m <sup>3</sup> /min x No.	58 x 1	55 x 2	55 x 2
Total Piping Length		Min / Max	m	5 / 50	5 / 85	5 / 85
Piping Elevation	IDU - ODU	Max	m	30	30	30

## COMPACT OUTDOOR UNIT (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		kW	7.5	9.5
	Heating @ -10		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)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max		-10 ~ 48	-20 ~ 50
	Heating	Min - Max		-15 ~ 18	-15 ~ 18
INDOOR				US30F.NR0	US36F.NR0
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42
Air Flow Rate		H / M / L	m <sup>3</sup> /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	Ø 21.5 / 16.0	Ø 21.5 / 16.0
OUTDOOR				UUB1.U20	UUC1.U40
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Circuit Breaker		Min	A	20	25
Power Supply Cable (included Earth)			No x mm <sup>2</sup>	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type		-	R32	R32
Refrigerant	GWP (Global Warming Potential)		-	675	675
	Precharged Amount		kg	1.2	1.9
	t-CO <sub>2</sub> eq.		-	0.81	1.283
	Additional Charge (After 7.5m)		g/m	40	40
Fan	Air Flow Rate	Rated	m <sup>3</sup> /min x No.	50 x 1	58 x 1
Total Piping Length		Min / Max	m	5 / 35	5 / 50
Piping Elevation	IDU - ODU	Max	m	30	30