

CEILING SUSPENDED UNIT



STANDARD INVERTER (R32)

UV36 / UV42R / UV48R / UV60R



LG participates in the ECP programme for EUROVENT AC program.
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UU36WR UU42WR
UU48WR UU60WR



INDOOR				UV36R.N20	UV42R.N20	UV48R.N20	UV60R.N20
Capacity	Cooling	Min / Nom / Max	kW	4.5 / 9.5 / 13.0	5.0 / 12.0 / 14.5	5.5 / 13.4 / 16.0	5.7 / 14.4 / 15.7
	Heating	Min / Nom / Max	kW	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.30	3.65	4.15	4.90
	Heating	Nom	kW	2.75	4.00	4.90	5.55
Power Input (Indoor)		Min / Max	W	30 / 180	30 / 180	30 / 180	30 / 180
Running Current	Cooling/Heating	Nom	A	10.0 / 12.0	16.9 / 16.0	18.0 / 21.3	21.3 / 24.1
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.13	3.28	3.23	2.94
COP				3.93	3.37	3.16	3.03
SEER				5.62	5.5	5.51	5.45
SCOP				4.04	4.0	3.96	3.92
Pdesign (@-10°C)			kW	8.05	8.05	9.3	9.3
Seasonal Energy Label	Cooling / Heating		A+ / A+ (A++ to E Scale)	A+ / A+	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	594 / 2,800	764 / 2,800	1,459 / 3,288	1,651 / 3,321
	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
	Air Flow Rate	High / Medium / Low	m³/min	28.0 / 24.0 / 20.0	28.0 / 24.0 / 20.0	30.0 / 25.0 / 20.0	30.0 / 25.0 / 20.0
Sound Pressure	Cooling	High / Medium / Low	dB(A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power	Cooling	Max	dB(A)	63	63	63	63
Dehumidification Rate			l/h	3.8	5.8	6.3	7.1
Dimensions	Body	W x H x D	mm	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235
Net Weight	Body		kg	36.5	36.5	36.5	36.5

OUTDOOR				UU36WR.U30	UU42WR.U30	UU48WR.U30	UU60WR.U30
Compressor	Type			R-Scroll	R-Scroll	R-Scroll	R-Scroll
Airflow Rate	Nom		m³/min	110	110	110	110
Sound Pressure	Cooling	Nom	dB(A)	52	52	52	52
	Heating	Nom	dB(A)	54	54	54	54
Sound Power	Cooling	Max	dB(A)	66	67	68	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	87.5	87.5	87.5	87.5
Refrigerant	Type			R32	R32	R32	R32
	Charge		g	3,000	3,000	3,000	3,000
	Additional Charge (after 7.5m)		g/m	40	40	40	40
	GWP			675	675	675	675
	t-CO ₂ eq			2.03	2.03	2.03	2.03
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min - Max	°C WB	-25 ~ 18	-25 ~ 18	-25 ~ 18	-25 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	5C x 2.5	3C x 6.0	3C x 6.0	3C x 6.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	40	40	40
Piping Length Total		Min - Max	m	5-85	5-85	5-85	5-85
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (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 (R32)

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UU36WR UU42WR
UU49WR UU61WR



INDOOR				UV36.NK2	UV42R.N20	UV48R.N20	UV60R.N20
Capacity	Cooling	Min / Nom / Max	kW	4.5 / 9.5 / 13.0	5.0 / 12.0 / 14.5	5.5 / 13.4 / 16.0	5.7 / 14.4 / 15.7
	Heating	Min / Nom / Max	kW	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.30	3.65	4.15	4.90
	Heating	Nom	kW	2.75	4.00	4.90	5.55
Power Input (Indoor)		Min / Max	W	30 / 180	30 / 180	30 / 180	30 / 180
Running Current	Cooling/Heating	Nom	A	3.3 / 4.0	5.6 / 5.3	6.0 / 7.1	7.1 / 8.0
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.13	3.21	3.11	2.94
COP				3.93	3.37	3.41	3.03
SEER				5.60	5.5	-	5.45
SCOP				4.00	4.0	-	3.92
Pdesign (@-10°C)			kW	8.05	8.05	-	9.3
Seasonal Energy Label	Cooling / Heating		A+ / A+ (A++ to E Scale)	A+ / A+	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	594 / 2,800	764 / 2,800	1,459 / 3,288	1,651 / 3,321
	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
	Air Flow Rate	High / Medium / Low	m³/min	28.0 / 24.0 / 20.0	28.0 / 24.0 / 20.0	30.0 / 25.0 / 20.0	30.0 / 25.0 / 20.0
Sound Pressure	Cooling	High / Medium / Low	dB(A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power	Cooling	Max	dB(A)	63	63	63	63
Dehumidification Rate			l/h	3.8	5.8	6.3	7.1
Dimensions	Body	W x H x D	mm	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235
Net Weight	Body		kg	36.5	36.5	36.5	36.5

OUTDOOR				UU37WR.U30	UU43WR.U30	UU49WR.U30	UU61WR.U30
Compressor	Type			R-Scroll	R-Scroll	R-Scroll	R-Scroll
Airflow Rate	Nom		m³/min	110	110	110	110
Sound Pressure	Cooling	Nom	dB(A)	52	52	52	52
	Heating	Nom	dB(A)	54	54	54	54
Sound Power	Cooling	Max	dB(A)	66	67	68	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	87.5	87.5	87.5	87.5
Refrigerant	Type			R32	R32	R32	R32
	Charge		g	3,000	3,000	3,000	3,000
	Additional Charge (after 7.5m)		g/m	40	40	40	40
	GWP			675	675	675	675
	t-CO ₂ eq			2.03	2.03	2.03	2.03
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min - Max	°C WB	-25 ~ 18	-25 ~ 18	-25 ~ 18	-25 ~ 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	3C x 6.0	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	40	40	40
Piping Length Total		Min - Max	m	5-85	5-85	5-85	5-85
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas		mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)

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