

CEILING MOUNTED CASSETTE



STANDARD INVERTER (R32)

UT36R
UT42R
UT48R
UT60R



UU36WR UU42WR
UU48WR UU60WR



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

INDOOR		UT36R.NMO	UT42R.NMO	UT48R.NMO	UT60R.NMO			
Capacity	Cooling	Min / Nom / Max	4.5 / 9.5 / 13.0	5.0 / 12.0 / 14.5	5.5 / 13.4 / 16.0	5.9 / 14.6 / 16.3		
	Heating	Min / Nom / Max	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0	6.8 / 16.9 / 18.7		
Low Temperature Capacity	Heating -7°C	Max	9.8	12.5	14.3	15.2		
		Power Input (Set)	Cooling	Nom	2.47	3.50	4.35	5.38
Power Input (Set)	Heating	Nom	2.80	3.75	4.82	5.60		
		Power Input (Indoor)	Min / Nom / Max	40 / 190 / 210	40 / 190 / 210	40 / 190 / 210	40 / 190 / 210	
Running Current	Cooling / Heating	Nom	10.7 / 12.2	15.2 / 16.3	18.9 / 21.0	23.4 / 24.3		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50		
EER			3.85	3.43	3.08	2.71		
COP			3.86	3.60	3.22	3.02		
SEER			6.50	6.10	5.87	5.57		
SCOP			4.30	4.10	4.04	3.92		
Pdesign (@-10°C)			8.05	8.05	9.30	9.30		
Seasonal Energy Label	Cooling / Heating		A++ / A+ (A++ to E Scale)	A++ / A+	-	-		
Annual Energy Consumption	Cooling / Heating		512 / 2,605	689 / 2,732	1,370 / 3,223	1,573 / 3,321		
	Liquid		Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)		
Piping Connection	Gas		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.	32 / 25	32 / 25	32 / 25	32 / 25	
		Air Flow Rate	High / Medium / Low	m ³ /min	30.0 / 25.0 / 20.0	33.0 / 28.0 / 22.0	33.0 / 28.0 / 22.0	33.0 / 28.0 / 22.0
Sound Pressure	Cooling	High / Medium / Low	dBA	46 / 43 / 40	47 / 44 / 41	47 / 44 / 41	47 / 44 / 41	
		Sound Power	Cooling	Max	62	64	66	66
Dehumidification Rate			2.7	4.2	5.2	6.2		
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	
		Net Weight		24.6	24.6	24.6	24.6	
Decoration Panel	Model			PT-MCHW0	PT-MCHW0	PT-MCHW0	PT-MCHW0	
		Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	
		Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
		Weight		6.3	6.3	6.3	6.3	

OUTDOOR		UU36WR.U30	UU42WR.U30	UU48WR.U30	UU60WR.U30		
Compressor	Type	R-Scroll	R-Scroll	R-Scroll	R-Scroll		
Airflow Rate	Nom	m ³ /min	110	110	110	110	
	Sound Pressure	Cooling	Nom	52	52	52	52
Sound Power	Heating	Nom	54	54	54	54	
		Max	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			87.5	87.5	87.5	87.5	
	Refrigerant	Type	R32	R32	R32	R32	
Refrigerant	Charge		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
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. x mm ²	3C x 6.0	3C x 6.0	3C x 6.0	3C x 6.0	
Transmission Cable		No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	40	40	40	40	
Piping Length Total	Min - Max	m	5-85	5-85	5-85	5-85	
Piping Elevation Difference	IDU - ODU	Max	30	30	30	30	
	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)

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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UT36R
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UU37WR UU42WR
UU49WR UU61WR



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	Heating	Min / Nom / Max	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0	6.8 / 16.9 / 18.7		
Low Temperature Capacity	Heating -7°C	Max	9.8	12.5	14.3	15.2		
		Power Input (Set)	Cooling	Nom	2.47	3.50	4.35	5.38
Power Input (Set)	Heating	Nom	2.80	3.75	4.82	5.60		
		Power Input (Indoor)	Min / Nom / Max	40 / 190 / 210	40 / 190 / 210	40 / 190 / 210	40 / 190 / 210	
Running Current	Cooling / Heating	Nom	3.6 / 4.0	5.1 / 5.4	5.8 / 6.4	7.8 / 8.1		
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50		
EER			3.85	3.43	3.08	2.71		
COP			3.86	3.60	3.22	3.02		
SEER			6.50	6.18	5.87	5.57		
SCOP			4.30	4.17	4.04	3.92		
Pdesign (@-10°C)			8.05	8.05	9.30	9.30		
Seasonal Energy Label	Cooling / Heating		A++ / A+ (A++ to E Scale)	A++ / A+	-	-		
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	Liquid		Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)		
Piping Connection	Gas		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.	32 / 25	32 / 25	32 / 25	32 / 25	
		Air Flow Rate	High / Medium / Low	m ³ /min	30.0 / 25.0 / 20.0	33.0 / 28.0 / 22.0	33.0 / 28.0 / 22.0	33.0 / 28.0 / 22.0
Sound Pressure	Cooling	High / Medium / Low	dBA	46 / 43 / 40	47 / 44 / 41	47 / 44 / 41	47 / 44 / 41	
		Sound Power	Cooling	Max	62	64	66	66
Dehumidification Rate			2.7	4.2	5.2	6.2		
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	
		Net Weight		24.6	24.6	24.6	24.6	
Decoration Panel	Model			PT-MCHW0	PT-MCHW0	PT-MCHW0	PT-MCHW0	
		Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	
		Dimensions	W x H x D	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
		Weight		6.3	6.3	6.3	6.3	

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Compressor	Type	R-Scroll	R-Scroll	R-Scroll	R-Scroll		
Airflow Rate	Nom	m ³ /min	110	110	110	110	
	Sound Pressure	Cooling	Nom	52	52	52	52
Sound Power	Heating	Nom	54	54	54	54	
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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			87.5	87.5	87.5	87.5	
	Refrigerant	Type	R32	R32	R32	R32	
Refrigerant	Charge		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
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 mm ²	5C x 2.5	3C x 6.0	5C x 2.5	5C x 2.5	
Transmission Cable		No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	
Circuit Breaker		A	20	20	20	20	
Piping Length Total	Min - Max	m	5-85	5-85	5-85	5-85	
Piping Elevation Difference	IDU - ODU	Max	30	30	30	30	
	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)

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