

SINGLE SPLIT SPECIFICATION

CEILING MOUNTED CASSETTE

STANDARD INVERTER (R410A)

UT36
UT42
UT48
UT60



LG participates in the ECP programme for EUROVENT AC program.
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UU36W

UU42W
UU48W
UU60W



INDOOR				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	kW	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.4 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.51	5.50
Power Input (Indoor)		Nom	W	140	210	210	210
Running Current	Cooling / Heating	Nom	A	12.3 / 13.4	16.9 / 16.9	20.1 / 19.6	23.5 / 23.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	5.40	5.40	5.30
SCOP				3.81	3.55	3.55	3.55
Pdesign (@ -10°C)			kW	7.6	12.8	12.8	12.8
Seasonal Energy Label	Cooling / Heating			A / A (A++ to E Scale)	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	648 / 2,800	-	-	-
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)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
Sound Pressure	Cooling	High / Medium / Low	dBA	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	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		kg	5.0	5.0	5.0	5.0

OUTDOOR				UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-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. x mm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
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 (R410A)

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UU37W

UU43W
UU49W
UU61W



INDOOR				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min / Nom / Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.5 / 13.9 / 15.7	5.9 / 14.6 / 16.3
	Heating	Min / Nom / Max	kW	4.4 / 11.0 / 12.1	5.0 / 14.0 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.9 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.49	5.50
Power Input (Indoor)		Nom	W	140	210	210	210
Running Current	Cooling / Heating	Nom	A	4.1 / 4.5	5.6 / 5.6	6.7 / 6.5	7.8 / 8.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	5.40	5.40	5.30
SCOP				3.81	3.55	3.55	3.55
Pdesign (@ -10°C)			kW	7.6	12.8	12.8	12.8
Seasonal Energy Label	Cooling / Heating			A / A (A++ to E Scale)	-	-	-
Annual Energy Consumption	Cooling / Heating		kWh	648 / 2,800	-	-	-
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)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	24.0 / 22.0 / 19.0	30.0 / 28.0 / 26.0	34.0 / 32.0 / 30.0	34.0 / 32.0 / 30.0
Sound Pressure	Cooling	High / Medium / Low	dBA	43 / 40 / 37	46 / 44 / 43	49 / 47 / 45	49 / 47 / 45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	W x H x D	mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)	Morning Fog (RAL 120-4)
	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		kg	5.0	5.0	5.0	5.0

OUTDOOR				UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	W x H x D		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge		g/m	40	40	40	40
	GWP		-	2087.5	2087.5	2087.5	2087.5
	TCO2eq		-	5.8	7.1	7.1	7.1
Operation Range (Outdoor)	Cooling	Min ~ Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min ~ Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 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	5C x 2.5	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	20	20	20
Piping Length Total		Min ~ Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
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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