

SINGLE SPLIT SPECIFICATION

CEILING CONCEALED DUCT

COMPACT INVERTER (R410A)

HIGH STATIC PRESSURE
- UB18C / UB24C / UM30 / UM36



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

UU18WC

UU24WC
UU30WC

UU36WC



PQRCVCL0QW offered with UB18C / UB24C
PREMTB001 offered with UM30 / UM36

INDOOR				UB18C NHO	UB24C NHO	UM30 N14	UM36 N24
Capacity	Cooling	Min / Nom / Max	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.4	3.2 / 7.5 / 7.8	3.8 / 9.5 / 10.0
	Heating	Min / Nom / Max	kW	1.7 / 5.2 / 5.7	1.9 / 7.5 / 8.2	3.6 / 8.0 / 8.8	4.0 / 10.0 / 10.5
Low Temperature Capacity	Heating -7°C	Max	kW	3.9	5.7	7.0	8.7
				Power Input (Set)	Cooling	Nom	kW
	Heating	Nom	kW	1.67	2.40	2.25	2.93
Power Input (Indoor)		Min / Max (Nom ESP)	W	80 / 100	100 / 140	160 / 240	200 / 360
Running Current	Cooling / Heating	Nom	A	7.3 / 7.4	9.4 / 9.6	12.0 / 10.0	14.9 / 13.0
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.86	2.92	2.8	2.8
COP				3.11	3.13	3.6	3.4
SEER				5.11	5.38	5.6	5.6
SCOP				3.81	3.81	3.9	3.8
Pdesign (@ -10°C)			kW	3.2	5.2	5.8	6.5
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A / A	A / A	A+ / A	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	322 / 1,176	442 / 1,911	469 / 2,082	594 / 2,388
	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	13.5 / 12.0 / 10.5	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0	32.0 / 28.0 / 24.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 32	38 / 36 / 34	37 / 35 / 34	36 / 34 / 33
Sound Power	Cooling	Max	dBA	59	63	62	60
Dehumidification Rate			l/h	1.1 (2.5)	2.12 (4.9)	2.8	3.2
Dimensions	Body	W x H x D	mm	882 x 260 x 450	882 x 260 x 450	900 x 270 x 700	1,250 x 270 x 700
Net Weight	Body		kg	25.3	26.1	25.3	36.0
External Static Pressure		Min - Max	mmAq (Pa)	2.5-8 (25-78)	2.5-8 (25-78)	2.5-15(25-147)	4-15(39-147)

OUTDOOR				UU18WC ULO	UU24WC UE0	UU30WC UE0	UU36WC U40
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate	Nom		m³/min	28	50	50	58
Sound Pressure	Cooling	Nom	dBA	47	48	51	54
	Heating	Nom	dBA	49	50	52	56
Sound Power	Cooling	Max	dBA	65	68	70	70
Dimensions	W x H x D		mm	770 x 545 x 288	870 x 655 x 320	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	37.5	44.5	45.4	58.2
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,300	1,400	1,600	2,200
	Additional Charge		g/m	20	40	40	40
	GWP			2087.5	2087.5	2087.5	2087.5
	TCO2eq			2.7	2.9	3.3	4.6
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-10 - 46	-10 - 46	-10 - 48	-10 - 48
	Heating	Min - Max	°C WB	-10 - 18	-15 - 18	-10 - 18	-10 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	0 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm²	3C x 2.5	3C x 2.5	3C x 2.5	3C 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	15	20	20	25
Piping Length Total		Min - Max	m	5-30	5-30	5-35	5-40
Piping Elevation Difference	IDU - ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (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)

CEILING & FLOOR CONVERTIBLE CEILING SUSPENDED UNIT

