

CEILING CONCEALED DUCT



STANDARD INVERTER (R410A)

HIGH STATIC PRESSURE

- UB70 / UB85



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



UU70W



UU85W



INDOOR				UB70 N94	UB85 N94
Capacity	Cooling	Min / Nom / Max	kW	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min / Nom / Max	kW	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max	kW	18.0	24.0
	Cooling	Nom	kW	6.69	8.19
Power Input (Set)	Heating	Nom	kW	6.4	8.31
	Min / Max (Nom ESP)	W		550 / 760	610 / 920
Power Input (Indoor)	Cooling / Heating	Nom	A	11.5 / 10.7	13.5 / 13.6
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
EER				2.84	2.81
COP				3.50	3.25
SEER				4.60	4.80
SCOP				3.53	3.51
Pdesign (@ -10°C)			kW	13.4	18.5
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas		mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure	Cooling	High / Medium / Low	dB(A)	43 / 41 / 40	43 / 41 / 40
Sound Power	Cooling	Max	dB(A)	73	75
Dehumidification Rate			l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	W x H x D	mm	1,563 x 460 x 688	1,563 x 460 x 688
Net Weight	Body		kg	90.0	90.0
External Static Pressure		Min / Max	mmAq(Pa)	6 / 25 (60 / 250)	6 / 25 (60 / 250)
OUTDOOR				UU70W U34	UU85W U74
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom	m³/min	110	190
Sound Pressure	Cooling	Nom	dB(A)	55	59
	Heating	Nom	dB(A)	58	60
Sound Power	Cooling	Max	dB(A)	75	75
Dimensions	W x H x D		mm	950 x 1,380 x 330	1,090 x 1,625 x 380
Net Weight			kg	110	144.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	5,200	5,500
	Additional Charge		g/m	70	70
	GVVP		-	2087.5	2087.5
	TCO _{2eq}		-	10.9	11.5
Operation Range (Outdoor)	Cooling	Min / Max	°C DB	-20 / 48	-20 / 48
	Heating	Min / Max	°C WB	-18 / 18	-18 / 18
Power Supply			Ø, V, Hz	3, 380-415, 50	3, 380-415, 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	4C x 1.0	4C x 1.0
Circuit Breaker			A	30	30
Piping Length Total		Min / Max	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.53 (3/8)	Ø12.7 (1/2)
	Gas		mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
- Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- This product contains fluorinated greenhouse gases. (R410A)