

CEILING CONCEALED DUCT



COMPACT INVERTER (R32)

LOW STATIC PRESSURE - CL18F / CL24F



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

UUA1 ULO

UUB1 U20



COMBINATION				18	24
Capacity	Cooling	Min - Rated - Max	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.5
	Heating	Min - Rated - Max	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6
Power Input (Set)	Cooling	Min - Rated - Max	kW	0.34 / 1.62 / 1.99	0.40 / 2.12 / 2.54
	Heating	Min - Rated - Max	kW	0.30 / 1.53 / 1.99	0.50 / 2.41 / 3.13
Running Current	Cooling	Rated	A	7.2	9.3
	Heating	Rated	A	6.8	10.5
EER / COP			kWh/kWh	2.90 / 3.40	3.21 / 3.11
SEER / SCOP			kWh/kWh	5.1 / 3.8	6.0 / 4.1
Pdesign	Cooling @ 35°C		kW	4.7	6.8
	Heating @ -10°C		kW	2.7	4.2
Seasonal Energy Label	Cooling / Heating		-	A / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	323 / 995	397 / 1,434
Dehumidification Rate			l/h	1.5	2.4
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°C	-10 - 50	-10 - 48
	Heating	Min - Max	°C	-10 - 18	-15 - 18
INDOOR				CL18F N60	CL24F N30
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)		H / M / L	W	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m³/min	15 / 12 / 10	20 / 16 / 12
Dimensions	Body	W x H x D	mm	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	20.9	26
Sound Pressure Level	Cooling	H / M / L	dB(A)	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max	dB(A)	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1 ULO	UUB1 U20
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Circuit Breaker		Min	A	15	20
Power Supply Cable (Included Ear th)			No x mm³	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type		-	Twin Rotary	Twin Rotary
	Type		-	R32	R32
Refrigerant	GWP (Global Warming Potential)		-	675	675
	Precharged Amount		kg	1.0	1.2
	t-CO ₂ eq		-	0.675	0.81
	Additional Charge (After 7.5m)		g/m	20	40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1
Total Piping Length		Min / Max	m	5 / 30	5 / 35
Piping Elevation	IDU - ODU	Max	m	30	30

CEILING CONCEALED DUCT



COMPACT INVERTER (R32)

MID STATIC PRESSURE
- CM18F / CM24F / UM30F / UM36F



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UUA1 ULO

UUB1 U20

UUC1 U40



COMMERCIAL

SINGLE SPLIT

COMBINATION				18	24	30	36
Capacity	Cooling	Min - Rated - Max	kW	1.8 / 5.0 / 5.6	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min - Rated - Max	kW	2.2 / 5.5 / 6.7	3.0 / 7.4 / 8.5	3.2 / 8.0 / 8.8	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min - Rated - Max	kW	0.35 / 1.67 / 1.92	0.50 / 2.34 / 2.81	0.50 / 2.57 / 3.08	0.60 / 3.16 / 3.86
	Heating	Min - Rated - Max	kW	0.32 / 1.58 / 1.77	0.40 / 2.17 / 2.82	0.50 / 2.25 / 2.93	0.60 / 3.03 / 3.48
Running Current	Cooling	Rated	A	7.4	10.3	11.0	14.0
	Heating	Rated	A	7.0	9.7	9.7	13.4
EER / COP			kWh/kWh	3.00 / 3.50	2.91 / 3.41	2.92 / 3.56	3.01 / 3.57
SEER / SCOP			kWh/kWh	6.1 / 3.8	5.8 / 4.1	5.6 / 3.9	5.9 / 4.0
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.3	5.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A+ / A+	A+ / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	287 / 1,032	410 / 1,400	469 / 1,544	564 / 1,924
Dehumidification Rate			l/h	1.2	2.5	2.6	3.2
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	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)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°C	-10 - 50	-10 - 48	-10 - 48	-20 - 50
	Heating	Min - Max	°C	-10 - 18	-15 - 18	-15 - 18	-15 - 18
INDOOR				CM18F N10	CM24F N10	UM30F N10	UM36F N20
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Power Input (IDU)	H / M / L		W	150 / 130 / 110	180 / 150 / 130	220 / 200 / 180	183 / 134 / 101
Air Flow Rate	H / M / L		m³/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18	32 / 28 / 24
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700
Weight	Body		kg	246	246	262	385
Sound Pressure Level	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34	36 / 34 / 33
Sound Power Level	Cooling	Max	dB(A)	59	60	62	60
Piping Connections	Drain(Natural Drainage)	O.D. / I.D.	mm	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4
	Drain(Using Drain Pump)	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1 ULO	UUB1 U20	UUC1 U40	
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Circuit Breaker	Min		A	15	20	25	
Power Supply Cable (Included Ear th)			No x mm³	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
	Type		-	R32	R32	R32	
	GWP (Global Warming Potential)		-	675	675	675	
	Precharged Amount		kg	1	1.2	1.9	
	t-CO ₂ eq		-	0.675	0.81	1.283	
Refrigerant	Additional Charge (After 7.5m)		g/m	20	40	40	
	Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	58 x 1	
Total Piping Length	Min / Max		m	5 / 30	5 / 35	5 / 50	
Piping Elevation	IDU - ODU	Max	m	30	30	30	