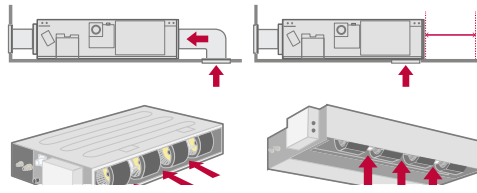


# CEILING CONCEALED DUCT

MID STATIC PRESSURE  
- CM18F / CM24F / UM30F

ADD THE PRICE OF THE CONTROLLER TO YOUR ORDER



UUB1 U20

UUC1 U40



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
: [www.eurovent-certification.com](http://www.eurovent-certification.com)

COMBINATION					18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	2.7 / 6.8 / 8.0	3.1 / 7.8 / 9.0	
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.6 / 9.0 / 10.1	
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.33 / 1.86	0.40 / 1.95 / 2.69	0.40 / 2.23 / 3.03	
	Heating	Min. / Rated / Max.	kW	0.40 / 1.76 / 2.46	0.50 / 2.27 / 3.29	0.50 / 2.64 / 3.33	
Running Current	Cooling	Rated	A	7.4	8.7	9.9	
	Heating	Rated	A	8.3	10.1	11.7	
EER / COP			kWh / kWh	3.75 / 3.30	3.49 / 3.31	3.50 / 3.41	
SEER / SCOP			kWh / kWh	6.4 / 4.1	6.6 / 3.9	6.1 / 4.0	
Pdesign	Cooling @ 35°C		kW	5	6.8	7.8	
	Heating @ -10°C		kW	4.1	5.4	5.4	
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A+	
Annual Energy Consumption	Cooling / Heating		kWh	273 / 1,400	361 / 1,938	448 / 1,890	
Dehumidification Rate			l/h	1.2	2.6	2.4	
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52	
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68	
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	
	Connections Method		-	Flared	Flared	Flared	
Operation (Outdoor)	Range	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
		Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18

INDOOR					CM18F N10	CM24F N10	UM30F N10
Power Supply			Ø / V / Hz	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	
Air Flow Rate		H / M / L	m³/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18	
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	
Weight	Body		kg	24.6	24.6	26.2	
Sound Pressure Level	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34	
Sound Power Level	Cooling	Max.	dB(A)	59	60	62	
Piping Connections	Drain (Natural Drainage)	O.D. / I.D.	mm	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	

OUTDOOR					UUB1 U20	UUC1 U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm³	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
	Type		-	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.2	1.9	
	t-CO <sub>2</sub> eq		-	0.81	1.283	
	Additional Charge (After 7.5m)		g/m	20	40	
Fan	Air Flow Rate	Rated	m³/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

# CEILING CONCEALED DUCT

## MID STATIC PRESSURE

- UM36F / UM42F / UM48F / UM60F

UUD1.U30 UUD3.U30



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
: [www.eurovent-certification.com](http://www.eurovent-certification.com)

COMBINATION					36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8	
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1	
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54	
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29	
Running Current	Cooling	Rated	A	11.1	15.3	19.0	21.6	
	Heating	Rated	A	12.6	16.4	18.4	20.4	
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65	
SEER / SCOP			kWh / kWh	5.80 / 3.90	5.60 / 3.90	5.80 / 4.00	5.60 / 4.00	
Pdesign	Cooling @ 35°C		kW	9.5	12.0	13.4	14.6	
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5	
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -	
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325	
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7	
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54	
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71	
Piping Connections	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	
	Connections Method		-	Flared	Flared	Flared	Flared	
Operation (Outdoor)	Range	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
		Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR					UM36F N20	UM42F N20	UM48F N30	UM60F N30
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	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242	
Air Flow Rate		H / M / L	m³/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40	
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700	
Weight	Body		kg	38.5	38.5	43.5	43.5	
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39	
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66	
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	
<b>List Price - Indoor Unit</b>				<b>£</b>	<b>£759.00</b>	<b>£778.00</b>	<b>£938.00</b>	<b>£1,164.00</b>
OUTDOOR - SINGLE PHASE					UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50				
Circuit Breaker		Min.	A	40				
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0				
<b>List Price - Outdoor Unit</b>				<b>£</b>	<b>£1,967.00</b>			
OUTDOOR - THREE PHASE					UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50				
Circuit Breaker		Min.	A	20				
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5				
<b>List Price - Outdoor Unit</b>				<b>£</b>	<b>£2,247.00</b>			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330				
Weight	Net		kg	85.0				
Compressor	Type		-	Inverter Scroll				
Refrigerant	Type		-	R32				
	GWP (Global Warming Potential)		-	675				
	Precharged Amount		kg	3.0				
	t-CO <sub>2</sub> eq		-	2.025				
	Additional Charge (After 7.5m)		g/m	40				
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2				
Total Piping Length		Min. / Max.	m	5 / 85				
Piping Elevation	IDU - ODU	Max.	m	30				
<b>List Price - Single Phase Outdoor + Indoor Unit Price</b>				<b>£</b>	<b>£2,726.00</b>	<b>£2,745.00</b>	<b>£2,905.00</b>	<b>£3,131.00</b>
<b>List Price - Three Phase Outdoor + Indoor Unit Price</b>				<b>£</b>	<b>£3,006.00</b>	<b>£3,025.00</b>	<b>£3,185.00</b>	<b>£3,411.00</b>