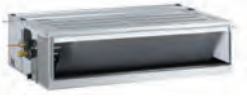


# CEILING CONCEALED DUCT

## 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	

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 mm <sup>3</sup>	3C x 6.0

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 mm <sup>3</sup>	5C x 2.5

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