

Ceiling Concealed Duct – Standard Inverter

CM18 / CM24 / UM30 / UM36 / UM42 / UM48 / UM60

- ESP Control
- Quiet and easy to service
- Two thermistor controls



UU18W



UU24W / UU30W



UU36W



UU42W / UU48W / UU60W



SPECIFICATIONS				CM18.N14	CM24.N14	UM30.N14	UM36.N24	UM42.N24	UM48.N34	UM60.N34
Model	Indoor Unit									
Capacity	Cooling	Min/Nom/Max	kW	2.0/5.0/5.4	2.8/7.1/7.8	3.2/7.8/8.8	4.0/10.0/11.0	5.2/12.1/13.2	5.6/14.0/15.4	5.9/15.0/16.3
	Heating	Min/Nom/Max	kW	2.4/6.0/6.6	3.2/8.0/8.8	3.6/9.0/9.9	4.5/11.2/12.3	5.6/14.0/15.0	6.6/15.8/18.2	6.8/16.8/18.7
Low Temp Heating (-7°C)	Heating -7°C	Max	kW	5.4	7.2	8.1	10.00	12.50	14.80	15.20
		Nom	kW	1.46	2.28	2.22	3.12	3.76	4.10	4.53
Power Input (set)	Heating	Nom	kW	1.66	2.49	2.43	3.19	3.86	4.39	4.79
		Min/Max (ESP 2.3mmAq) W		50/80	50/90	90/150	120/210	140/260	100/220	220/290
Power Input (indoor)		Min/Max (ESP 15.0mmAq) W		90/160	100/180	160/240	200/360	230/380	220/340	300/430
		Running Current	Cooling/Heating	Nom	A	6.3/7.2	10.3/10.8	10.1/10.7	13.56/13.9	16.6/17.2
EER				3.41	3.11	3.51	3.21	3.22	3.41	3.31
COP				3.61	3.21	3.7	3.51	3.63	3.60	3.51
SEER				5.11	5.21	5.71	5.11	-	-	-
SCOP				3.81	3.81	4.01	3.81	-	-	-
Pdesign (@ -10°C)			kW	3.8	6	6.5	7.8	-	-	-
Energy Label	Cooling/Heating			A/A		A+/A+	A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	339/1,396	477/2,205	478/2,269	685/2,866	-	-	-
		Liquid	mm(inch)	6.35(1/4)			9.52(3/8)			
Piping Connections	Gas		mm(inch)	12.7(1/2)			15.88(5/8)			
		Drain	O.D./I.D	mm			32/25			
Air Flow Rate	High/Medium/Low	m ³ /min		16.5/14.5/13.0	18.0/16.5/14.5	22.0/20.0/18.0	32.0/28.0/24.0	38.0/33.0/28.0	40.0/34.0/28.0	50.0/45.0/40.0
Sound Pressure	Cooling	High/Medium/Low	dB(A)	34/32/30	35/34/32	37/35/34	36/34/33	38/36/34	40/38/36	42/40/38
Sound Power	Cooling	Max	dB(A)	59	60	62	60	62	65	66
Dehumidification Rate		l/h		2	2.5	2.8	3.2	3.6	4.5	5
Dimension	Body	W x H x D	mm	900x270x700			1,250x270x700			
Net Weight	Body		kg	23.8	24.2	25.3	36	37	42.5	
External Static Pressure	Min-Max		mmAq(Pa)	2.5-15(25-147)			4-15(39-147)		5-15(49-147)	
Model	Outdoor Unit			UU18W.UE2	UU24W.U42	UU30W.U42	UU36W.U02	UU42W.U32	UU48W.U32	UU60W.U32
Compressor Type				Twin Rotary						
Air Flow Rate	Cooling	Nom	m ³ /min	50	58		90	110		
		Max	dB(A)	48			53	52		
Sound Power	Heating	Nom	dB(A)	51	52		54	54		
		Max	dB(A)	60	62	65	66	67	68	71
Dimension			mm	870x655x320		950x834x330		950x1,170x330		950x1,380x330
Net Weight	Type		kg	46		60		81		92
		Charge at	12.5mg	1,400		2,000		2,800		3,400
Additional Charge (after 7.5m)	Cooling		g/m	20			40			
		Min-Max	°C DB				-15 - 48			
Power Supply Cable	Heating		°C WB				-18 - 18			
		Min-Max								
Power & Transmission Cable			N x mm ²	3Cx2.5			3Cx5.0			
Circuit Breaker			A	20		30		40		
Piping Length Total		Min-Max	m	5 - 40		5 - 50		5-75		
Piping Elevation Difference	IDU-ODU	Max	m							
		Liquid	OD (Outside)	mm	6.35(1/4)		9.52(3/8)			
	Gas	OD (Outside)	mm	12.7(1/2)		15.88(5/8)				

LG Electronics participates in the Eurovent Certification Programme for Comfort Air conditioner; the certified models are listed in the Eurovent Directory.

