

LG UNDER CEILING



AIRFLOW DIRECTION CONTROL

Vertical airflow direction can be adjusted using remote controller and horizontal airflow direction can be adjusted manually.

TWO THERMISTOR CONTROL

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Compares temperatures sensed from different positions and automatically selects the optimum temperature for users. Two thermistors can optimise indoor air temperature for a more comfortable environment.



LG Under Ceiling



Indoor Unit		CV24 NJ2		UV36 NK2		UV48 NL2		UV60 NL2	
Capacity	Cooling	Min/Nom/Max	kW	28 / 68 / 7.5	38 / 95 / 10.5	53 / 133 / 14.6	5.7 / 14.4 / 15.7		
Low Temperature Capacity	Heating	Min/Nom/Max	kW	308 / 7.5 / 8.3	42 / 10.5 / 11.6	64 / 15.3 / 17.6	68 / 16.8 / 18.7		
	Heating - 7°C	Max	kW	6.9	9.4	14.3	15.2		
	Cooling	Nom	kW	2.25	2.78	4.28	5.24		
Power Input (Indoor)	Heating	Nom	kW	2.45	3.08	4.49	5.42		
	Min/Max	Min/Max	W	40/60	40/90	90/140	100/150		
	Nom	Nom	A	9.9 / 10.8	40 / 4.4	62 / 6.5	76 / 7.9		
Running Current	Cooling/Heating	Nom	A/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50		
Power Supply				302	342	311	275		
EER				3.06	3.41	3.41	3.10		
COP				5.80	5.11	-	-		
SEER				3.90	3.81	-	-		
SCOP				6.0	7.60	-	-		
Pdesign (@-10)				A+ / A	A / A	-	-		
Seasonal Energy Consumption	Cooling/Heating		kW/h	410 / 2,154	652 / 2,800	-	-		
	Cooling/Heating		mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)		
	Liquid		mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)		
Piping Connection	Gas		mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0		
	Drain	OD/ID.	m3/min	13.9 / 12.9 / 11.9	21.4 / 19.8 / 18.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0		
	Cooling	High/Medium/Low	dBA	44 / 43 / 41	45 / 44 / 41	47 / 46 / 44	48 / 47 / 45		
Air Flow Rate	Cooling	Max	dBA	61	63	63	63		
Sound Pressure	Cooling		l/h	3.2	3.5	5.8	6.2		
Dehumidification Rate	Body	WxHxD	mm	950 x 650 x 220	1,350 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220		
Dimensions	Body		kg	23.0	34.1	42.5	42.5		
Net Weight									
Outdoor Unit		UU24W U44		UU37W U02		UU49W U32		UU61W U52	
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary		
Airflow Rate		Nom	m3/min	58	90	110	110		
Sound Pressure	Cooling	Nom	dBA	48	53	52	52		
	Heating	Nom	dBA	52	54	54	54		
	Max	Max	dBA	67	66	68	71		
Sound Power			mm	950 x 834 x 330	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330		
Dimensions	WxHxD		kg	56.1	85.0	96.0	96.0		
Refrigerant	Type			R410A	R410A	R410A	R410A		
Operation Range (Outdoor)	Charge		q	2E000	2E800	3E400	3E400		
	Additional Charge (after 7.5m)		g/m	40	40	40	40		
	Cooling	Min-Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48		
Power Supply	Heating	Min-Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18		
			N/Hz	1 / 220-240 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50		
			No. x mm²	3C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5		
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75		
Circuit Breaker			A	25	20	20	20		
Piping Length Total		Min-Max	m	5 ~ 30	5 ~ 50	5 ~ 75	5 ~ 75		
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30		
Piping Connection	Liquid	Max	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)		
	Gas		mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)		