

CEILING SUSPENDED



Differentiated Design

With its stunning V-shaped design and black vane, LG's new ceiling-suspended air conditioner exudes modern elegance appropriate for any space. The tasteful aesthetics of the air conditioner helped earn it the iF Design Award.



Powerful Cooling & Heating

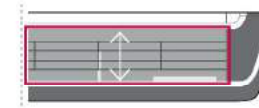
The new LG Ceiling Suspended Unit is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 15m away from the air conditioner.



With enlarged outlet space, optimized the Air flow Path and improved Heat Exchanger's performance

Outlet Space

New LG

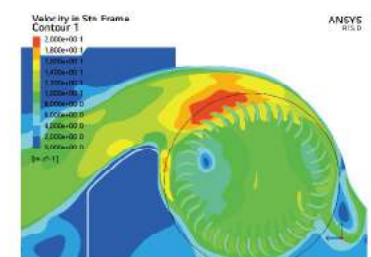


Conventional



115% ENLARGED

Optimized the Air flow Path

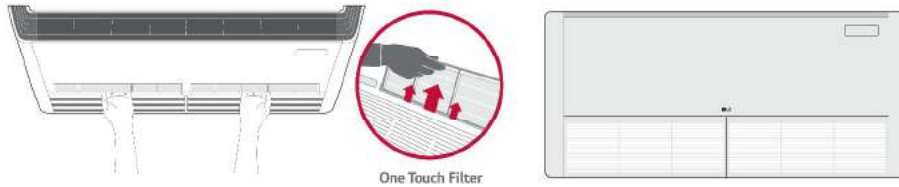


105% IMPROVED

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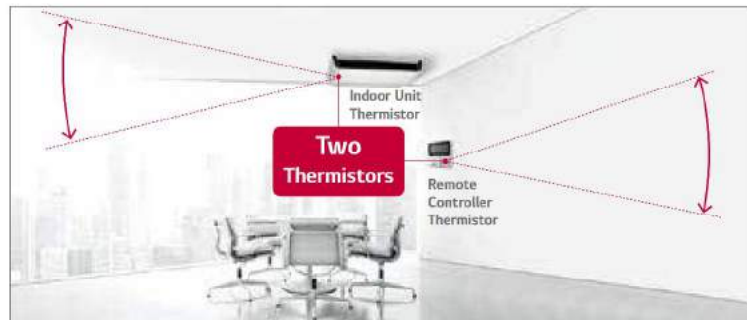
One Touch & 2 Piece Filter

Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



Two Thermistors Control

Users can purchase an optional control panel that includes a second thermistor, allowing for temperature checks from multiple locations.



Easy Installation

Installation speed and ease is improved by reducing the total number of screws and placing them on the easily accessible front panel.



Specifications



* Wireless Remote Controller Included



Set Condition	Outdoor unit			AVUQ18GM1A1	AVUQ24GM1A1	AVUQ30GM1A1	AVUQ36GM2A1
	Indoor unit			AVNQ18GM1A1	AVNQ24GM1A1	AVNQ30GM1A1	AVNQ36GM2A1
Capacity	Cooling	Min/Rated/Max	kW	1.38 ~ 5.27 ~ 5.95	2.11 ~ 7.03 ~ 7.90	2.64 ~ 8.79 ~ 9.68	3.17 ~ 10.55 ~ 11.67
			Btu/h	5,400 ~ 18,000 ~ 20,300	7,200 ~ 24,000 ~ 26,900	9,000 ~ 30,000 ~ 33,700	10,800 ~ 36,000 ~ 39,800
Power Input	Cooling	Rated	kW	1.50	2.00	2.70	3.20
Running Current	Cooling	Rated	A	7.50	9.20	12.40	14.70
EER / COP			W / W	3.52	3.52	3.25	3.3
SEER			-	19.5	19.5	18.5	18.5

Indoor Unit			AVNQ18GM1A1	AVNQ24GM1A1	AVNQ30GM1A1	AVNQ36GM2A1
Power Supply		V, Ø, Hz	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60
Dimensions	Body	W × H × D	mm	1,200 × 235 × 690	1,200 × 235 × 690	1,200 × 235 × 690
		W × H × D	inch	47-1/4 × 9-1/4 × 27-5/32	47-1/4 × 9-1/4 × 27-5/32	47-1/4 × 9-1/4 × 27-5/32
Net Weight	Body	kg (lbs)	28.0 (61.7)	28.0 (61.7)	28.0 (61.7)	35.0 (77.2)
	Type	-	CFF	CFF	CFF	CFF
Fan	Air Flow	H / M / L	m³/min	13.5 / 12.5 / 12.0	18.0 / 16.0 / 13.0	20.0 / 18.0 / 16.0
	Rate	H / M / L	ft³/min	477 / 441 / 424	636 / 565 / 459	706 / 636 / 565
Dehumidification Rate			1.4 (2.9)	2.4 (5.1)	2.4 (5.1)	2.7 (5.7)
Sound Pressure Level		H / M / L	37 / 35 / 33	47 / 44 / 38	48 / 46 / 44	48 / 46 / 44
Piping connection	Liquid	mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	mm (inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain (O.D. / I.D.)	mm (inch)	Ø 21.5 (27/32) / 16.0 (5/8)	Ø 21.5 (27/32) / 16.0 (5/8)	Ø 21.5 (27/32) / 16.0 (5/8)	Ø 21.5 (27/32) / 16.0 (5/8)
Power and Communication Cable (included Earth)		No. × mm² (AWG)	4C × 0.75 (18)	4C × 0.75 (18)	4C × 0.75 (18)	4C × 0.75 (18)

Outdoor Unit				AVUQ18GM1A1	AVUQ24GM1A1	AVUQ30GM1A1	AVUQ36GM2A1	
Power Supply			V, Ø, Hz	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60	
Wiring Connections	Power Supply Cable (included Earth)		No. x mm² (AWG)	3C x 2.5 (12)	3C x 4.0 (10)	3C x 4.0 (10)	3C x 4.0 (10)	
Dimensions			W x H x D	mm	770 x 545 x 288	870 x 650 x 330	870 x 650 x 330	950 x 834 x 330
			W x H x D	inch	30-5/16 x 21-15/32 x 11-11/32	34-1/4 x 25-19/32 x 13	34-1/4 x 25-19/32 x 13	37-13/32 x 32-27/32 x 13
Net Weight			kg (lbs.)	33 (72.8)	41.5 (91.5)	41.5 (91.5)	56.0 (123.5)	
Compressor	Type	-		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	
	Model	Model x No.		GAT156MAD x 1	GKT176MAG x 1	GKT208MAB x 1	GKT325MAA x 1	
	Motor type	-		BLDC	BLDC	BLDC	BLDC	
	Motor Output	W x No.		1,500 x 1	1,500 x 1	1,500 x 1	2,137 x 1	
Refrigerant	Type	-		R410A	R410A	R410A	R410A	
Refrigerant Oil	Type	-		R68EA	FVC68D	FVC68D	FVC68D	
Heat Exchanger	(Row x Column x Fins per inch) x No.		-	(2 x 25 x 21) x 1	(2 x 30 x 21) x 1	(2 x 30 x 21) x 1	(2 x 40 x 21) x 1	
Fan	Type	-		Propeller	Propeller	Propeller	Propeller	
Fan Motor	Type	-		BLDC	BLDC	BLDC	BLDC	
Sound Pressure Level	Cooling	Rated	dB(A)	47	53	53	58	
Piping Connections	Liquid	Outer Dia.	mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	
	Gas	Outer Dia.	mm (inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	
Piping Length	Max.		m (ft)	30 (98.4)	50 (164.0)	50 (164.0)	50 (164.0)	
Maximum Height Difference	Outdoor Unit - Indoor Unit	Max.	m (ft)	15 (49.2)	30 (98.4)	30 (98.4)	30 (98.4)	

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* Wireless Remote
Controller Included



Set Condition	Outdoor unit		AVUQ36LM2A1		AVUQ48LM2A1		AVUW60LM2A1	
	Indoor unit		AVNQ36LM2A1		AVNQ48LM2A1		AVNW60LM2A1	
Capacity	Cooling	Min/Rated/Max	kW	3.17 ~ 10.55 ~ 11.67		4.42 ~ 14.06 ~ 15.43		6.89 ~ 16.12 ~ 17.73
			Btu/h	10,800 ~ 36,000 ~ 39,800		14,400 ~ 48,000 ~ 52,500		16,503 ~ 55,000 ~ 60,510
Power Input	Cooling	Rated	kW	3.20		4.90		5.28
Running Current	Cooling	Rated	A	5.20		8.00		8.6
EER / COP			W / W	3.3		2.87		3.05
SEER			-	18.5		16.3		-

Indoor Unit				AVNQ36LM2A1	AVNQ48LM2A1	AVNW60LM2A1
Power Supply			V, Ø, Hz	220-240, 1, 50/60	220-240, 1, 50/60	220-240, 1, 50/60
Dimensions	Body	W × H × D	mm	1,600 × 235 × 690	1,600 × 235 × 690	1,600 × 235 × 690
		W × H × D	inch	63 × 9-1/4 × 27-5/32	63 × 9-1/4 × 27-5/32	63 × 9-1/4 × 27-5/32
Net Weight	Body		kg (lbs)	35.0 (77.2)	35.0 (77.2)	35.0 (77.2)
		Type	-	CFF	CFF	CFF
Fan	Air Flow Rate	H / M / L	m³/min	27.0 / 24.0 / 20.0	29.0 / 24.0 / 20.0	30.0 / 25.0 / 20.0
		H / M / L	ft³/min	953 / 848 / 706	1,024 / 848 / 706	1,059 / 863 / 706
Dehumidification Rate				2.7 (5.7)	5.0 (10.5)	6.13 (12.9)
Sound Pressure Level			H / M / L	48 / 46 / 44	50 / 47 / 44	50 / 47 / 44
Piping connection	Liquid		mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
		Gas	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
		Drain (O.D. / I.D.)	mm (inch)	Ø 21.5 (27/32) / 16.0 (5/8)	Ø 21.5 (27/32) / 16.0 (5/8)	Ø 21.5 (27/32) / 16.0 (5/8)
Power and Communication Cable (included Earth)			No. x mm² (AWG)	4C × 0.75 (18)	4C × 0.75 (18)	4C × 0.75 (18)

Outdoor Unit				AVUQ36LM2A1	AVUQ48LM2A1	AVUW60LM2A1
Power Supply			V, Ø, Hz	380-415, 3, 50/60	380-415, 3, 50/60	380-415, 3, 50/60
Wiring Connections		Power Supply Cable (included Earth)	No. × mm ² (AWG)	5C × 2.5 (12)	5C × 2.5 (12)	5C × 2.5 (12)
Dimensions		W × H × D	mm	950 × 834 × 330	950 × 834 × 330	950 × 1,170 × 330
		W × H × D	inch	37-13/32 × 32-27/32 × 13	37-13/32 × 32-27/32 × 13	37-13/32 × 32-27/32 × 13
Net Weight			kg (lbs)	57.5 (126.8)	67 (147.7)	79.1 (174.4)
Compressor	Type	-		Twin Rotary	Twin Rotary	Twin Rotary
	Model	Model × No.		GJT325MAA × 1	GPT442MAB × 1	GPT442MAB × 1
	Motor type	-		BLDC	BLDC	BLDC
	Motor Output	W × No.		2,137 × 1	4,000 × 1	4,000 × 1
Refrigerant		Type	-	R410A	R410A	R410A
Refrigerant Oil		Type	-	PVC68D	PVC68D	PVC68D
Heat Exchangers		(Row × Column × Fins per inch) × No.	-	(2 × 40 × 21) × 1	(3 × 40 × 21) × 1	(2 × 32 × 14) × 2
Fan		Type	-	Propeller	Propeller	Propeller
Fan Motor		Type	-	BLDC	BLDC	BLDC
Sound Pressure Level		Cooling	Rated	dB(A)	58	55
Piping Connections		Liquid	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
		Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
Piping Length		Max	m (ft)	50 (164.0)	50 (164.0)	50 (164.0)
Maximum Height Difference		Outdoor Unit - Indoor Unit	m (ft)	30 (98.4)	30 (98.4)	30 (98.4)

Memo