



LG AIR CONDITIONER

INVERTER SINGLE SPLIT

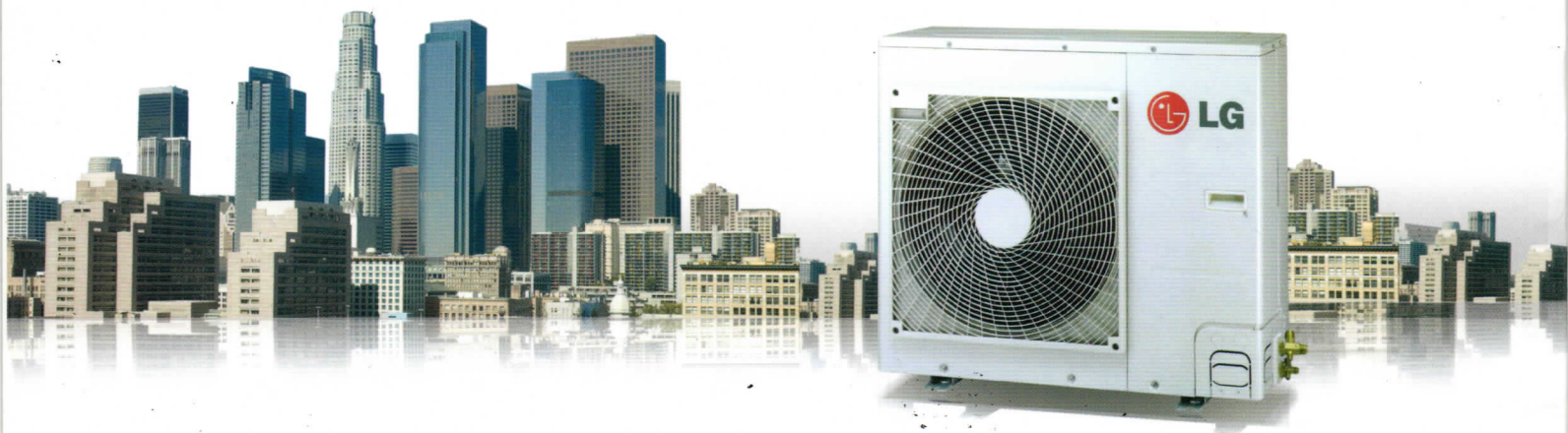


Why LG Inverter Single Split?

Recognizing the importance of saving energy, LG has taken the initiative to develop new, more efficient inverter technology. In addition to consuming less electricity, the company's advanced inverter systems also boast powerful performance and enhanced reliability.

LG's Inverter Single Split lowers energy usage and operational costs, illustrating how clever technology can make a real difference. Designed for commercial spaces such as offices and retail stores, the new model can operate for extended periods of time, while also providing exceptional seasonal energy efficiency.

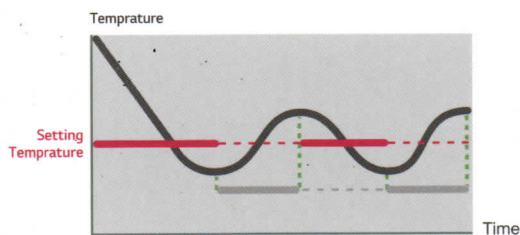
The Inverter Single Split is able to produce an impressive volume of cool air, helping to create the perfect indoor temperature in almost no time at all. As well as delivering fast and efficient cooling, LG's latest solution can also minimize electricity consumption by as much as 40 percent.



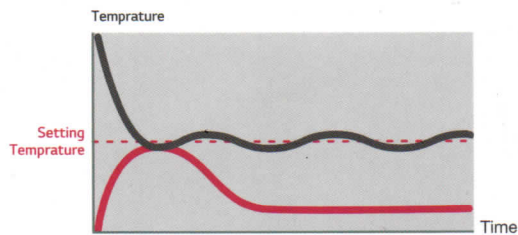
Comfortable Operation

Once the desired temperature is achieved, unlike conventional air conditioners that turn the compressor on and off, LG inverter units adjust and constantly vary the compressor speed to maintain the desired temperature with minimal fluctuation to ensure that your comfort is not compromised.

Conventional



LG Inverter



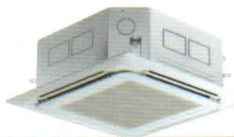
Excellent Energy Saving

LG's advanced inverter technology leads to powerful performance while minimizing energy consumption. It will bring you greater cost saving over the product life time.

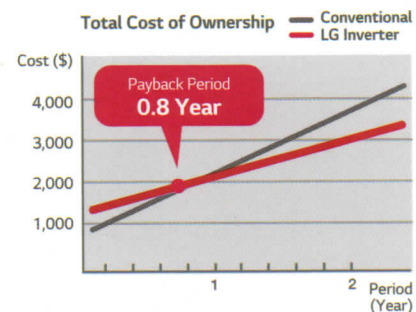
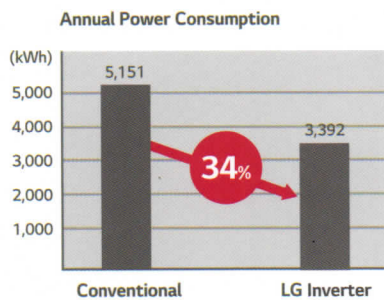
World Top Class

17 SEER

Cassette



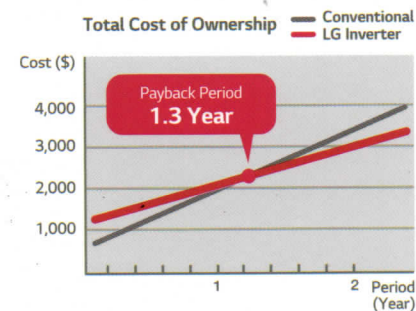
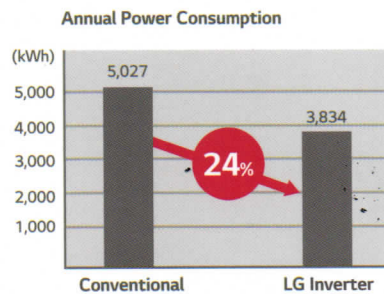
EER **3.65** SEER **17**
 ATNQ24GNLE3
World Top Class



Duct



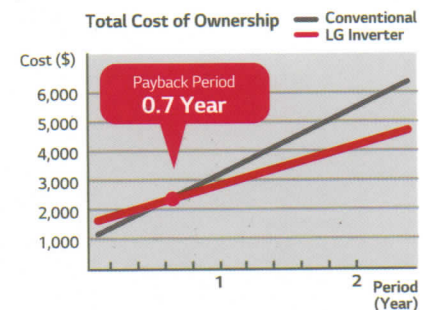
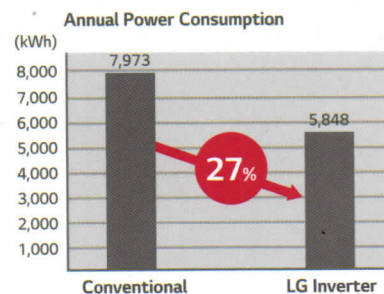
EER **3.23** SEER **16**
 ABNQ24GGLA0
World Top Class



Convertible



EER **3.02** SEER **16**
 AVNQ36GKLA0
World Top Class



Cassette / Duct 1. Calculation based on regional temperature condition of Jakarta, Indonesia 2. Electric Charge (Commercial): 0.12 \$ / kWh 3. Initial cost: Product price + installation cost 4. Operation duration: 9 hours/day (09:00-18:00) & 6 days/week 5. Cooling peak load: based on 7kW

Convertible 1. Calculation based on regional temperature condition of Bangkok, Thailand 2. Electric Charge (Commercial): 0.1 \$ / kWh 3. Initial cost: Product price +

Ceiling Suspended



Indoor		AVNQ24GJLAO		
Capacity	Cooling	Min.-Rated-Max.	kW	2.8 - 7.00 - 8.0
		Min.-Rated-Max.	Btu/h	9,600 - 23,900 - 27,300
Running Current			A	10.1
Power Supply			V / Ø / Hz	220v / Ø1 / 50 / 60Hz
EER / COP				3.02 / 2.60
SEER				16
Air Flow Rate		H / M / L	m ³ /min	12.4 / 11.4 / 10.4
		H / M / L	ft ³ /min	438 / 403 / 367
Sound Pressure Level		H / M / L	dB(A)	44 / 43 / 41
Dimensions	Body	W x H x D	mm	950 x 650 x 220
	Packing	W x H x D	mm	1,052 x 316 x 747
Weight	Net		kg	20.5
	Gross		kg	25.7
Piping connections	Liquid		mm(inch)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 15.88 (5/8)
	Drain (O.D. / I.D.)		mm	Ø 21.5 / 16.0



Outdoor		AUUQ24GH1		
Capacity	Cooling	Min.-Rated-Max.	kW	2.8 - 7.00 - 8.0
		Min.-Rated-Max.	Btu/h	9,600 - 23,900 - 27,300
Power Input		Rated	kW	1.92
Compressor	Type			Twin Rotary
Air Flow Rate			m ³ /min	50 x 1
Sound Pressure Level			dB(A)	48
Dimensions	Body	W x H x D	mm	870 x 655 x 320
	Packing	W x H x D	mm	1,022 x 716 x 437
Weight	Net		kg	44.0
	Gross		kg	48.1
Refrigerant	Type			R410A
	Precharged Amount		g	1,100
	Additional Charging Volume		g/m	40
Operation Range (Outdoor)		Min. - Max.	°C DB	-15 - 48
Power Supply			V / Ø / Hz	220v / Ø1 / 50 / 60Hz
Power Supply Cable			No. x mm ²	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75
Circuit Breaker			A	25
Piping Length		Max.	m(ft)	50 (164.0)
Maximum Height Difference	ODU - IDU	Max.	m(ft)	30 (98.4)
Piping Connections	Liquid		mm(inch)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 15.88 (5/8)

Note : 1. Capacities are based on the following conditions Cooling : Indoor Temperature 27°C DB / 19°C WB / Outdoor Temperature 35°C DB / 24°C WB
 Heating : Indoor Temperature 20°C DB / 15°C WB / Outdoor Temperature 7°C DB / 6°C WB

2. Annual energy consumption based on average use of 500 running hours per year at Ratedinal condition

* Due to our policy of innovation some specifications may be changed without notification.



AVNQ36GKLAO	AVNQ42GLLAO	AVNQ48GLLAO	AVNQ54GLLAO
4.0 - 10.0 - 11.0	5.0 - 12.5 - 13.1	5.36 - 13.4 - 14.7	6.32 - 15.8 - 16.6
13,600 - 34,100 - 37,500	17,000 - 42,700 - 45,000	18,300 - 45,700 - 50,200	21,600 - 53,900 - 56,600
14.4	16.9	19.3	22.7
220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz
3.02 / 2.60	3.22 / 2.50	3.02 / 2.50	3.02 / 2.80
16	16	16	16
21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0
756 / 699 / 643	1,010 / 950 / 890	1,060 / 999 / 939	1,112 / 1,049 / 989
45 / 43 / 41	47 / 46 / 44	47 / 46 / 44	48 / 47 / 45
1,350 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220	1,750 x 650 x 220
1,052 x 316 x 747	1,052 x 316 x 747	1,052 x 316 x 747	1,052 x 316 x 747
29.0	35.0	35.0	35.0
35.5	43.5	43.5	43.5
Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)
Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0



AUUQ36GH1	AUUQ42GH1	AUUQ48GH1	AUUQ54GH1
4.0 - 10.0 - 11.0	5.0 - 12.5 - 13.2	5.36 - 13.4 - 14.7	6.32 - 15.8 - 16.6
13,600 - 34,100 - 37,500	17,000 - 42,700 - 45,000	18,300 - 45,700 - 50,200	21,600 - 53,900 - 56,600
2.90	3.73	4.44	5.23
Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
58 x 1	60 x 1	60 x 1	55 x 2
48	52	52	55
950 x 834 x 330	950 x 834 x 330	950 x 834 x 330	950 x 1,380 x 330
1,040 x 918 x 461	1,040 x 918 x 461	1,040 x 918 x 461	1,040 x 1462 x 461
65.0	67.0	67.0	96.0
71.8	73.8	73.8	107.1
R410A	R410A	R410A	R410A
1,900	2,300	2,300	3,300
40	40	40	40
-15 - 48	-15 - 48	-15 - 48	-15 - 48
220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz	220v / Ø1 / 50 / 60Hz
3C x 4.0	3C x 5.0	3C x 5.0	3C x 5.0
4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
30	40	40	40
50 (164.0)	50 (164.0)	50 (164.0)	50 (164.0)
30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 19.05 (3/4)

Note : 1. Capacities are based on the following conditions Cooling : Indoor Temperature 27°C DB / 19°C WB / Outdoor Temperature 35°C DB / 24°C WB
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