

INVERTER PTAC

Packaged Terminal Air Conditioner

LG Air Conditioning Technologies



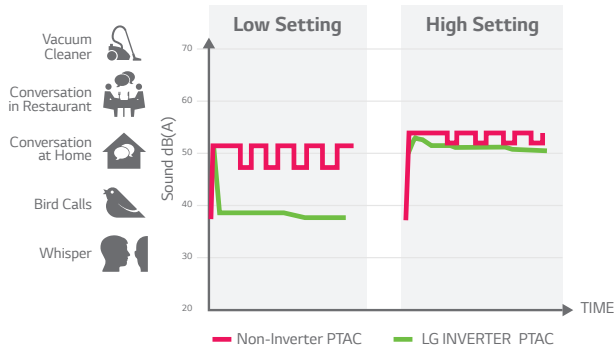
LG INVERTER PTAC

LG has a tradition of bringing high-quality HVAC products with inverter compressors to the market for almost 20 years and the new Inverter PTAC is no exception. Owners and developers of hotels and motels, senior living or multi-resident buildings will see the benefit of reduced sound levels and lower energy costs as compared to traditional PTAC units.

- Solution for hotels and motels, senior living or multi-resident buildings
- Manages operating costs and occupant comfort.
- Connects directly to an LG controller and third-party thermostats
- Reduced sound levels
- Reduces energy costs
- Unit replacement or retrofit
- Stabilizes moisture levels



LG INVERTER PTAC Noise Level Comparison



Customizable Ceramic Heaters



GoldFin™ Anti-corrosion Treatment



ADA Compliant, Easy-to-Use Digital Control Display

- Energy Saver Mode
- Auto-Restart
- Front Desk Control
- DIP Switch
- Compatible with most Energy Management Systems
- Manufactured in LG Factories

Outside Air Vents
Allows up to 70 CFM of outside air into Conditioned air space when opened.

Emergency Heat
(Customizable Ceramic Heaters)

Freeze Room Protection
Electronic temperature controls constantly monitor and maintain indoor temperature to prevent freezing.

Separate Indoor and Outdoor BLDC Motors
Dual motor configuration allows the lowest sound rating in the industry while also providing the highest level of energy efficiency.

Defrost Control
Shuts down the indoor fan to prevent cold air from being blown into the room. Also removes frost from outdoor coil when the outdoor temperature is low.

Sensors
Five sensors provide highly efficient operation and maximizes guest comfort.

Inverter Compressor
Energy efficient LG Inverter Compressor.

Power Cord
Choose from three options based on your requirements.

Pressure Control
Protects guests by shutting down the compressor in abnormally high pressure conditions.

DIP Switch Setting
Settings to limit the limit the lowest temperature for cooling and the highest temperature for heating.

		Heating Pump Models							
Model	Unit	LP073IHP		LP093IHP		LP123IHP		LP153IHP	
Power Supply	V/Hz/Ø	208/60/1	230/60/1	208/60/1	230/60/1	208/60/1	230/60/1	208/60/1	230/60/1
Cooling Capacity	Btu/h	7,600	7,600	10,000	10,000	12,000	12,000	14,700	14,700
Heating Capacity	Btu/h	7,000	7,000	8,800	8,800	12,000	12,000	13,800	13,800
Electric Heater Capacity	with 15A Cord ¹	Btu/h (kW)	5,600 (1.65)	6,800 (2.0)	5,600 (1.5)	6,800 (2.0)	5,600 (1.65)	6,800 (2.0)	5,600 (1.65)
	with 20A Cord ¹	Btu/h (kW)	8,300 (2.45)	10,200 (3.0)	8,300 (2.45)	10,200 (3.0)	8,300 (2.45)	10,200 (3.0)	8,300 (2.45)
	with 30A Cord ¹	Btu/h (kW)	13,500 (4.0)	17,000 (5.0)	13,500 (4.0)	17,000 (5.0)	13,500 (4.0)	17,000 (5.0)	13,500 (4.0)
EER			13.4		12.0		12.0		10.5
COP			3.9		3.6		3.6		3.3
MCA	with 15 A Cord ¹	A	11.9		11.9		11.9		11.9
	with 20A Cord ¹	A	17.2		17.2		17.2		17.2
	with 30A Cord ¹	A	28.0		28.0		28.0		28.0
MOP	with 15A Cord ¹	A	15		15		15		15
	with 20A Cord ¹	A	20		20		20		20
	with 30A Cord ¹	A	30		30		30		30
Weight (Net/Shipping)	lbs.	100/114		100/114		107/120		107/120	
Dimensions (W x H x D)	in.	42 x 16 x 19-7/8		42 x 16 x 19-7/8		42 x 16 x 19-7/8		42 x 16 x 19-7/8	
Sound Pressure Max (Indoor/Outdoor) ²	dB(A)	49/64		49/64		53/67		53/67	
Indoor Air Circulation Max	CFM	260		260		400		400	
Dehumidification	pts/hr	1.9		2.8		2.8		4.5	
Cooling Rated Amps	A	5.7	5.2	5.7	5.2	7.1	6.6	7.1	6.6
Heating Rated Amps	A	4.6	4.2	4.6	4.2	6.3	5.7	6.3	5.7
Cooling Power Input	W	565		830		1,000		1,400	
Heating Power Input	W	525		715		975		1,225	

¹ Power cords are available as a separate accessory
² Indoor sound pressure levels down to 39dB(A), comparable to a quiet urban night time

Product Warranty

LG maintains a nationwide network of LG trained service technicians to ensure your peace of mind in the event service is needed.

- 1 Year Parts & Labor
- 2-5 Years Parts Only
- 5 Years Parts & Labor for Sealed System Repairs

LG INVERTER PTAC ACCESSORIES

Type	Model	Name
Control	AYWH110	Wired Wall Thermostat Connection Kit (1 included with every PTAC)
	PYRCVDT01	Wired Thermostat, w/o Motion Sensor
	PYRCVDWL1	Wireless Thermostat w/o Motion Sensor
	PYRCVDT02	Wired Thermostat, w/ Motion Sensor
	PYRCVDWL2	Wireless Thermostat w/ Motion Sensor
	PQRCHCSA	Inverter PTAC Wired Remote Controller



PQRCHCSA



PYRCVDT01 / PYRCVDT02
PYRCVDWL1 / PYRCVDWL2



AYWH110

Type	Model	Name
Indoor	AYAD101	Air Deflector
	AYFT110	Replacement Filters (10-pack)
	AYLD1A	Lateral Duct Kit
	AYLL101B	Leveling Legs (set of 2)
	AYSB1201B	Sub Base (208/230V, 20A)
	AYSB1301B	Sub Base (208/230V, 30A)
	AYHW101	Hard Wire Kit
	AYSB510S	Sub Base Panel
	AYSB6101	Non-electrical Sub Base



AYAD101



AYSB1201B / AYSB2201B
AYSB3101B / AYSB6101



AYLD1A



AYFT110



AYLL101B

Type	Model	Name
Outdoor	AYAGALA01A	Aluminum Architectural Grille
	AYAGALB01A	Dark Bronze Color Architectural Grille
	AYAGALC01A	Soft Dove Color Architectural Grille
	AYAGPLB01	Dark Bronze Color Polymer Grille
	AYAGPLC01	Soft Dove Color Polymer Grille
	AYAGPLD01	White Color Polymer Grille
	AYDR101B	Condensate Drain Kit
	AYFDSV01A	Four-piece insulated Wall Sleeve
	AYRGALA01	42" Stamped Aluminum Grille
	AYSV018B	Wall Sleeve - Snap On 18in
	AYSV024B	Wall Sleeve - Snap On 24in
	AYSVKITB	Wall Sleeve Extension Kit 2in
	AYSVB01A	42" Wall Sleeve
	AYSV018B	42" Six piece insulated Extended Wall Sleeve - 18 inches, with baffles
	AYSV024B	42" Six piece insulated Extended Wall Sleeve - 24 inches, with baffles
	AYSVKITB	PTAC Wall Sleeve Extension Kit - 2 Inches, with baffles
	AYDSW120B	Disconnect Switch - 208/230V 15 - 20A*
	AYDSW130B	Disconnect Switch - 208/230V 30A*

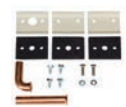
*Disconnect Switches should be paired with the subbases



AYAGALA01A / AYAGALB01A
AYAGALC01A



AYAGPLB01 / AYAGPLC01
AYAGPLD01



AYDR101B



AYFDSV01A



AYRGALA01



AYSVB01A



AYSV018B



AYSV024B



AYSVKITB



AYDSW120B



AYDSW130B



AYDSW220B

Type	Model	Name
Power Cord	AYUH2315	15 Amp electrical cord and plug for 208V/230V PTAC models with a universal heater (2.5 kW)
	AYUH2320	20 Amp electrical cord and plug for 208V/230V PTAC models with a universal heater (3.5 kW)
	AYUH2330	30 Amp electrical cord and plug for 208V/230V PTAC models with a universal heater (5.0 kW)



AYUH2315



AYUH2320



AYUH2330



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