

# INVERTER PTAC

Packaged Terminal Air Conditioner

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LG Air Conditioning Technologies

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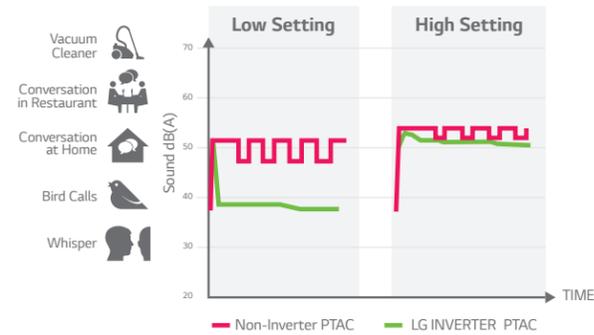
# LG INVERTER PTAC

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

| Model  | Unit                        | Heating Pump Models |              |                  |              |                  |              |                  |              |              |
|--|-----------------------------|---------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|--------------|
|  |                             | 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 <sup>1</sup>  | 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) | 6,800 (2.0)  |
|  | with 20A Cord <sup>1</sup>  | 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) | 10,200 (3.0) |
|  | with 30A Cord <sup>1</sup>  | 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) | 17,000 (5.0) |
| EER  |                             |                     | 13.4         |                  | 12.0         |                  | 12.0         |                  | 10.5         |              |
| COP  |                             |                     | 3.9          |                  | 3.6          |                  | 3.6          |                  | 3.3          |              |
| MCA  | with 15 A Cord <sup>1</sup> | A                   | 11.9         |                  | 11.9         |                  | 11.9         |                  | 11.9         |              |
|  | with 20A Cord <sup>1</sup>  | A                   | 17.2         |                  | 17.2         |                  | 17.2         |                  | 17.2         |              |
|  | with 30A Cord <sup>1</sup>  | A                   | 28.0         |                  | 28.0         |                  | 28.0         |                  | 28.0         |              |
| MOP  | with 15A Cord <sup>1</sup>  | A                   | 15           |                  | 15           |                  | 15           |                  | 15           |              |
|  | with 20A Cord <sup>1</sup>  | A                   | 20           |                  | 20           |                  | 20           |                  | 20           |              |
|  | with 30A Cord <sup>1</sup>  | 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) <sup>2</sup> | 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            |              |              |

<sup>1</sup> Power cords are available as a separate accessory

<sup>2</sup> 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                 |
|        | AYSB5105  | 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*                                      |

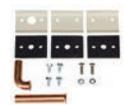
\*Disconnect Switches should be paired with the subbases



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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