

# PACKAGED TERMINAL AIR CONDITIONERS

Ultra-quiet operation is the hallmark of LG's new line of PTAC products. Low decibel levels and outstanding sound prevention rating make this your best choice for a quiet environment. And with efficiency ratings up to 12.5 EER, these units are also your energy efficient choice.

Other features include standard connections for remote thermostat and front desk controls. Gold Fin™ technology protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. And the industry standard size makes installation easy and economical.



7,000 –15,000 BTUs

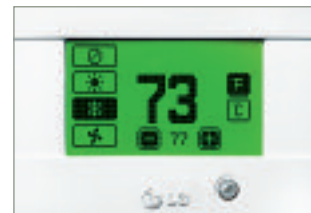
\*Tested by Independent 3rd Party (Ceram & Associates Inc., Jan. 2007)



Digital Control Panel



Manual Control Panel



Wireless Digital Thermostat

PACKAGED TERMINAL AIR CONDITIONERS



## PACKAGED TERMINAL AIR CONDITIONERS

# PTAC Features & Benefits



### Digital Control Display Includes:

- **Temperature Display on Unit**  
Precise and easy to use.  
**ADA compliant.**
- **Cooling, Heating and Fan Modes**  
One unit for all seasons.
- **Energy Saver Mode**  
Helps to lower energy consumption operational costs and saves money.
- **Auto Restart**  
Automatically restarts to programmed setting when the electricity comes on after a power failure.



### Mechanical Control Display:

Simple and easy to use.

### Ventilation Filter

Polymeric mesh filter allows clean, fresh air into the living space. Ideal for Health Care applications.

### Separate Indoor & Outdoor Motors\*

Dual motor configuration allows the lowest sound rating in the industry while also promoting the highest level of energy efficiency.



### Emergency Heat

(Heat Pump Models Only)  
Bypasses compressor operation and activates the ceramic or coil heater during periods of extreme cold. Promotes high level of guest comfort.

### Freeze Room Protection

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

\*Digital Control Models Only

## PACKAGED TERMINAL AIR CONDITIONERS

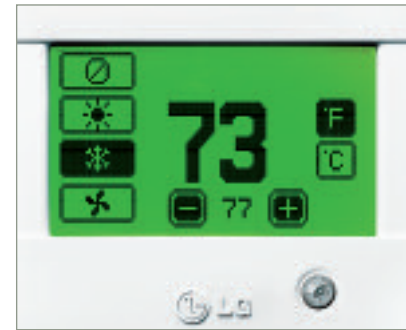
### Defrost Control

(Heat Pump Models Only)

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\*

4 Sensors provide highly efficient operation and maximizes guest comfort.



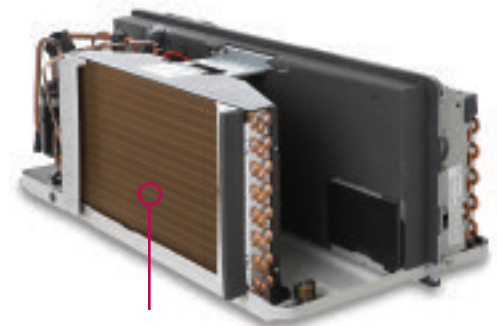
### Wireless Energy Management Digital Thermostat with occupancy sensor:

- Digital Touch-Screen Controls
- Built In Occupancy Sensor
- Built In Energy Management Controls
- True Wireless RF Communication
- Installs In As Little As 10 Minutes
- Easy To Program



### Wireless Energy Management Digital Thermostat Control Board: (included in Wireless Wall Thermostat kit)

Snaps directly on to PTAC control board—no tools required.



### Gold Fin Anti-Corrosion:

Protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. LG's patented process is standard on **ALL** LG PTAC models.\*



### Ceramic Heater:

Even, stable and safe heating platform.



**Power Cord**  
Included with every unit.

### High Efficiency Rotary Compressor

Energy efficient and maintenance-free operation.

# PACKAGED TERMINAL AIR CONDITIONERS

## 7,000-15,000 BTUs Digital Control

- C** **LP070CED-Y8** (H/C Model)  
7,600 BTUs Cooling & Heating
- LP090CED-Y8** (H/C Model)  
9,000 BTUs Cooling & Heating
- LP120CED-Y8** (H/C Model)  
11,800 BTUs Cooling & Heating
- LP150CED-Y8** (H/C Model)  
14,300 BTUs Cooling & Heating

- C** **H** **LP070HED-Y8** (Heat Pump Model)  
7,600 BTUs Cooling & Heating
- LP090HED-Y8** (Heat Pump Model)  
9,000 BTUs Cooling & Heating
- LP120HED-Y8** (Heat Pump Model)  
12,000 BTUs Cooling & Heating
- LP150HED-Y8** (Heat Pump Model)  
14,300 BTUs Cooling & Heating



\*Rated by Independent Test Party  
(Green & Associates Inc. Jan 2007)



### FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode

- Energy saver mode
- Auto restart
- Wall thermostat temperature control
- Front desk control connection

- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection

#### System Includes:

- Wall unit
  - Installation manual
- MEA #: 315-06-E**

System Model #	LP070CED-Y8	LP090CED-Y8	LP120CED-Y8	LP150CED-Y8	LP070HED-Y8	LP090HED-Y8	LP120HED-Y8	LP150HED-Y8
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
<b>Performance</b>								
Capacity (BTUs)	<b>C</b> 7,600/7,400 <b>H</b>	9,000/8,800	11,800/11,500	14,300/14,100	7,600/7,400 6,400/6,200	9,000/8,800 8,100/7,900	12,000/11,800 10,900/10,700	14,300/14,100 13,500/13,300
EER	12.5	11.7	11.2	10.0	12.1	11.6	10.8	9.8
Air Circulation (CFM H/L)	335/300	335/300	390/355	390/355	335/300	335/300	390/355	390/355
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	2.0	2.6	3.3	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	45/43	45/43	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	60/58	60/58	63/61	63/61
STC	30	30	30	30	30	30	30	30
<b>Electrical</b>								
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	2.5	3.5	3.5	3.5	2.5	3.5	3.5	3.5
Circuit Breaker (A)	15	20	20	20	15	20	20	20
<b>Dimensions</b>								
W x H x D (inches)	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	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
Weight (lbs.)	86.4	86.6	92.6	100.5	90.8	91.1	97.1	104.9
<b>Thermostat Range</b>								
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

\*LG verified sound rating

\*\*Adjustable by temperature limiting with DIP switches on the unit

# PACKAGED TERMINAL AIR CONDITIONERS

## 7,000-15,000 BTUs Digital Control

- C** **LP070CED1** (H/C Model)  
7,600 BTUs Cooling & Heating
- LP090CED1** (H/C Model)  
8,900 BTUs Cooling & Heating
- LP120CED1** (H/C Model)  
11,800 BTUs Cooling & Heating
- LP150CED1** (H/C Model)  
14,000 BTUs Cooling & Heating
- LP155CED1** (H/C Model)  
14,000 BTUs Cooling & Heating

- C H** **LP070HED1** (Heat Pump Model)  
7,300 BTUs Cooling & Heating
- LP090HED1** (Heat Pump Model)  
9,300 BTUs Cooling & Heating
- LP120HED1** (Heat Pump Model)  
12,000 BTUs Cooling & Heating
- LP150HED1** (Heat Pump Model)  
14,400 BTUs Cooling & Heating
- LP155HED1** (Heat Pump Model)  
14,400 BTUs Cooling & Heating



\*Rated by Independent 3rd Party  
(Carrier & Associates Inc., Jan. 2007)



### FEATURES:

- |  |   |  |   |
|--|---|--|---|
| <ul style="list-style-type: none"> <li>• Gold Fin™ anti-corrosion treatment</li> <li>• Cooling mode</li> <li>• Heating mode</li> <li>• Fan mode</li> </ul> | <ul style="list-style-type: none"> <li>• Energy saver mode</li> <li>• Auto restart</li> <li>• Wall thermostat temperature control</li> <li>• Front desk control connection</li> </ul> | <ul style="list-style-type: none"> <li>• Dip switch settings</li> <li>• Evaporator frost control</li> <li>• Temperature display on unit</li> <li>• Freeze room protection</li> </ul> | <p><b>System Includes:</b></p> <ul style="list-style-type: none"> <li>• Wall unit</li> <li>• Installation manual</li> </ul> <p><b>MEA #: 315-06-E</b></p> |
|--|---|--|---|

System Model #	LP070CED1	LP090CED1	LP120CED1	LP150CED1	LP155CED1	LP070HED1	LP090HED1	LP120HED1	LP150HED1	LP155HED1
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
<b>Performance</b>										
Capacity (BTUs) <b>C</b>	7,600	8,900	11,800	14,000	14,000	7,300	9,300	12,000	14,400	14,000
<b>H</b>						6,200	8,000	10,800	13,200	13,200
EER	11.7	11.0	10.7	9.5	9.5	11.6	11.2	10.4	9.2	9.5
Air Circulation (CFM H/L)	300/270	300/270	420/390	420/390	420/390	300/270	300/270	420/390	420/390	420/390
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	4.4	2.0	2.6	3.3	4.4	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	49/47	45/43	45/43	49/47	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	63/61	60/58	60/58	63/61	63/61	63/61
STC	30	30	30	30	30	30	30	30	30	30
<b>Electrical</b>										
Rated Voltage	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1
Electric Heater (kW)	2.0	3.7	3.7	3.7	5.0	3.7	3.7	3.7	3.7	5.0
Circuit Breaker (A)	15	20	20	20	30	15	20	20	20	30
<b>Dimensions</b>										
W x H x D (inches)	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	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	42 x 16 x 19 7/8	42 x 16 x 19 7/8
Weight (lbs.)	87.7	86.6	93.7	102.1	102.1	90.8	92.2	99.2	106.5	106.5
<b>Thermostat Range</b>										
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

\*LG verified sound rating

\*\*Adjustable by temperature limiting with DIP switches on the unit



1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Warranty on sealed refrigeration system: 5 year, parts and labor. See page 36-38 for parts and accessories.

## PACKAGED TERMINAL AIR CONDITIONERS

### 9,000-12,000 BTUs Mechanical Control

- C** **LP091CEM-Y8** (H/C Model)  
9,000 BTUs Cooling & Heating
- LP121CEM-Y8** (H/C Model)  
11,500 BTUs Cooling & Heating

- C** **H** **LP091HEM-Y8** (Heat Pump Model)  
8,700 BTUs Cooling & Heating
- LP121HEM-Y8** (Heat Pump Model)  
11,500 BTUs Cooling & Heating



#### FEATURES:

- |   |  |  |   |
|---|--|--|---|
| <ul style="list-style-type: none"> <li>• Gold Fin™ anti-corrosion treatment</li> <li>• Energy saver mode</li> <li>• Dip switch settings</li> <li>• Temperature display on unit</li> <li>• Cooling mode</li> </ul> | <ul style="list-style-type: none"> <li>• Heating mode</li> <li>• Fan mode</li> <li>• Auto restart</li> <li>• Wall thermostat temperature control</li> <li>• Front desk control connection</li> </ul> | <ul style="list-style-type: none"> <li>• Evaporator frost control</li> <li>• Freeze room protection</li> </ul> | <b>System Includes:</b> <ul style="list-style-type: none"> <li>• Wall unit</li> <li>• Installation manual</li> </ul> <b>MEA #: 315-06-E</b> |
|---|--|--|---|

System Model #	LP091CEM-Y8	LP121CEM-Y8	LP091HEM-Y8	LP121HEM-Y8
Control Type	Mechanical	Mechanical	Mechanical	Mechanical
<b>Performance</b>				
Capacity (BTUs)	9,000/8,800	11,500/11,300	8,700/8,500 7,800/7500	11,500/11,300 10,800/10,500
EER	<b>C</b> <b>H</b> 10.7	10.8	10.6	9.7
Air Circulation (CFM H/L)	325/290	370/335	325/290	370/335
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.5	3.2	2.5	3.2
Indoor dB(A)*	56/54	58/56	56/54	58/56
Outdoor dB(A)*	60/59	63/61	60/59	63/61
STC	30	30	30	30
<b>Electrical</b>				
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	3.5	3.5	3.5	3.5
Circuit Breaker (A)	20	20	20	20
<b>Dimensions</b>				
W x H x D (inches)	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
Weight (lbs.)	88.5	94.5	89.6	97.8
<b>Thermostat Range</b>				
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

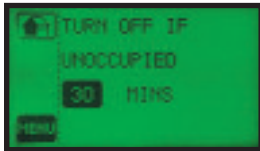
\*LG verified sound rating

\*\*Adjustable by temperature limiting with DIP switches on the unit

# WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT



Touch screen-operated design with intuitive graphic user interface



Occupancy Sensor automatically turns off the air conditioner when the room is unoccupied



Wireless Energy Management Digital Thermostat Control Board: Snaps directly on to PTAC control board – no tools required.

**Dimensions:**

Case: 5.75"W x 4.75"H x 1.25"D  
 LCD Screen: 3.625"W x 2.125"H

**Part Numbers:**

LG PTAC Wireless Wall Thermostat Kit: Part # PYRCUCCOA  
 LG Mini-Split Wireless Wall Thermostat Kit: Part # DFSWLWT0A

This innovative thermostat provides a great way to control spiralling energy costs while ensuring perfect comfort. It combines the energy-saving convenience of complete programmability and temperature control for both occupied and unoccupied rooms. Its unique “occupancy sensor” automatically turns off the air conditioner when a room is unoccupied, further reducing wasted energy. And with its intuitive touch screen interface, it’s easy to not only adjust temperature, but air flow as well.

**THERMOSTAT FEATURES**

- **Energy-saving “Occupancy Sensor”** automatically turns off the air conditioner when the room is unoccupied.
- **Programmable Occupied and Unoccupied Temperature Setting** allows for high and low occupied/unoccupied setting for further energy savings.
- **High-visibility, backlit touchscreen** with a scratch-resistant, easy-to-clean surface.
- **Intuitive graphical user interface** with descriptive buttons.
- **“No manual needed”** simplified operation and programming.
- **Convenient “Clean Screen”** command prevents accidental change in settings while cleaning display.
- **Adjustable contrast** with white-on-black or black-on-white display.

**INSTALLATION FEATURES**

- **System Configuration Menu** allows selection of either “Heat Pump” or “Air Conditioner” compressor type for optimum system integration and performance.
- **Advanced Settings Menu** allows pre-programming the fan speeds for maximum comfort and energy efficiency.
- **Temperature Display** lets you select Fahrenheit or Celsius readings.

**COMPONENTS INCLUDED:**

- LG Wireless Wall Thermostat with integrated LCD touch screen
- LG Air Conditioner Wireless Interface Card
- User manual and installation instructions



Monitor power use and calculate cost of operation



Pre-program up to 4 temperature and fan operation mode changes daily

**LG DUCT-FREE SPLIT SYSTEMS**

**ADDITIONAL COMFORT AND CONTROL FEATURES**

- **Versatile 7-day, 4-events-per-day program** with a selectable temperature set point and fan mode for each event.
- **Convenient “Copy” option** duplicates daily settings to simplify the set-up of a custom, 7-day program.
- **“Filter Monitor”** ensures that airflow is maximized by notifying the user to clean the air filter at regular intervals.
- **“Energy Watch”** monitors power consumption (kWh) and calculates the actual dollar cost of operating the LG Mini-Split Air Conditioner over a selected time period.

# PACKAGED TERMINAL AIR CONDITIONERS

## PARTS & ACCESSORIES

Description	Model #	Description	Model #	Description	Model #
42" Wall Sleeve	AYSVB01A	Wired Wall Thermostat	PYRCUCA0A	Condensate Disposal Kit 230/208V	AYCD2101
42" Stamped Aluminum Rear Grille	AYRGALA01	Wall Thermostat Connection Kit	AYWH101	Condensate Drain Kit	AYDR101
Architecture Grille - Aluminum	AYAGALA01A	EMS/Front Desk Control Connection Kit	AYFD101	Lateral Duct Kit	AYLD1A
Architecture Grille - Dark Bronze	AYAGALB01A			Leveling Legs	AYLL101
Architecture Grille - Soft Dove	AYAGALC01A			Control Panel Key Lock	AYCP101
Wireless Wall Thermostat	PYRUCC0A	Sub Base 20A 230/208V	AYSB1101A	Remote Escutcheon Kit - 10 Pack	AYRE110
Current Tap	PYRUCC1A	Sub Base 30A 230/208V	AYSB2101A	Replacement Filter - 10 Pack	AYFT110
110V Power Tap (option for wireless wall thermostat)		Fuse Holder Kit (230V, 30A)	AYFH1401		
Adapter Kit of Wireless Wall Thermostat for GE PTAC	PYADTGE1A	Hard Wire Kit	AYHW101	Hydronic/Steam Heat Coil Kit 230/208V	PYHSK1A
Adapter Kit of Wireless Wall Thermostat for Amana PTAC	PYADTAM1A			Hydronic/Steam Heat Coil Kit 265V	PYHSK2A
				Hydronic Valve 230/208V NC 1/2"	PYHV1A
				Hydronic Valve 265V NC 1/2"	PYHV2A
				Steam Valve 230/208V NC 1/2"	PYSV1A
				Steam Valve 265V NC 1/2"	PYSV2A



42" Wall Sleeve  
AYSVB01A



42" Stamped Aluminum Grille  
AYRGALA01



Architecture Grille - Aluminum  
AYAGALA01A



Architecture Grille - Dark Bronze  
AYAGALB01A



Architecture Grille - Soft Dove  
AYAGALC01A



Wireless Energy Management Digital Thermostat with Occupancy Sensor  
PYRUCC0A  
For technical support, call 866-908-6824, press #2



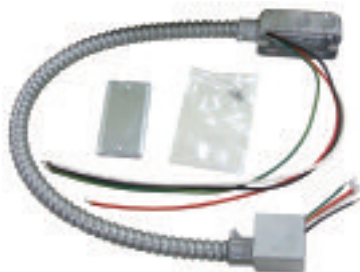
Digital Wired Wall Thermostat  
PYRCUCA0A



EMS/Front Desk Control Connection Kit  
AYFD101



Fuse Holder Kit  
AYFH1401



Hardwire Kit  
AYHW101



Condensate Disposal Kit  
AYCD2101

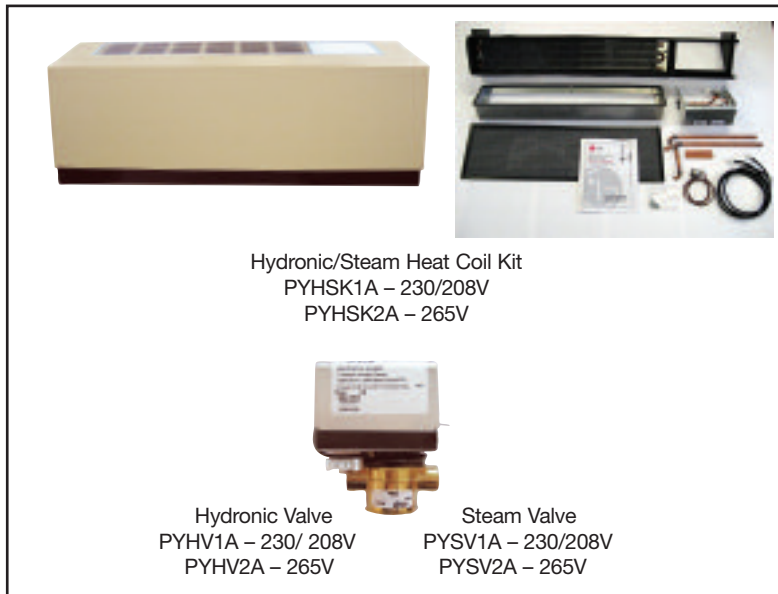


Condensate Drain Kit  
AYDR101



# PACKAGED TERMINAL AIR CONDITIONERS

## PARTS & ACCESSORIES



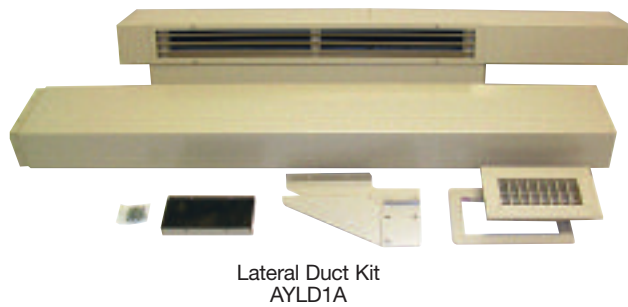
Hydronic/Steam Heat Coil Kit  
 PYHSK1A – 230/208V  
 PYHSK2A – 265V

Hydronic Valve  
 PYHV1A – 230/ 208V  
 PYHV2A – 265V

Steam Valve  
 PYSV1A – 230/208V  
 PYSV2A – 265V

CFM	Heating BTUs	
	Hydronic	Steam
270	14,500	18,500
300	15,500	19,500
335	16,500	21,000
355	17,000	21,500
390	17,500	22,000
420	18,500	23,500

Based on ARI test condition of 70° F DB / 60° F WB, 200° F EWT, 20° F DT, 70° F EAT, 2 psig steam, 70° F EWT



## Installation • Quick Reference

