



# LG PACKAGED TERMINAL AIR CONDITIONERS



- R410A Refrigerant
- Incredibly Quiet
- Energy Saver Mode
- Digital Control for Display
- Auto Restart
- Gold Fin™ Anti-Corrosion
- Freeze Protection
- LG Technical Support

INNOVATIVE COMFORT SOLUTIONS



# LG Packaged Terminal Air Conditioners

When guests are provided with a truly quiet, comfortable room, lodging facilities are rewarded with repeat visits. The best way to assure that is with LG's new line of PTAC products. They provide an extremely low decibel level and an outstanding sound prevention rating. Plus, LG models have efficiency rating up to 11.6 EER, which translates into energy savings.



## PTAC Features & Benefits



\* optional

### LG Environmental Control Manager (ECM)

Accessory Kit Part #:PYRCUCC2A)

- Digital touch-screen controls
- Intergrated occupancy sensor
- Built-in wireless networking
- Web-based remote management
- Effortless installation
- Unprecedented energy savings



### 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.



### Wireless PTAC Control Card

Snaps directly to PTAC Control Board



### Ceramic Heater:

Even, stable and safe heating platform.



### Hydronic/Steam Heat Coil Kit:

This kit allows the use of hydronic water or steam to heat.



### Gold Fin™ Anti-Corrosive Treatment:

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 LG PTAC models.

### Ventilation Filter

Polymeric mesh filter allows clean fresh air into the living space. Ideal for healthcare applications.

### Emergency Heat

(Heat Pump Models Only)

Bypasses compressor operation and activates the ceramic 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.

### Separate Indoor & Outdoor Motors

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

### 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.

### Pressure control

Protects guests by shutting down the compressor on abnormal high pressure condition.

### Sensors

4 Sensors provide Highly Efficient operation and maximizes guest comfort.

### High Efficiency Compressor

Energy efficient and maintenance-free operation.

### Power Cord

Included with every unit.

### Dip Switch setting

Saves money by control of the Lowest & Highest temperature.



## Submittal Data: PYHSK1A, PYHV\*A/PYSV\*A

### Standard Features :

- One Year Functional Parts Warranty
- Powder paint coated steel cabinet and panel
- Front panel removable and easy access to filters, wiring, water/steam pipings for the maintenance
- Right and left hand piping for flexible hydronic/steam piping connection
- 4" sub base and extension up to 2 1/2"

### Hydronic/Steam Heat Coil Kit - PYHSK1A

Capacities :

Air Circulation of PTAC unit (CFM)	Heating Capacity (Btu/h)	
		Steam
270	14,000	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

Nominal Heating Test Condition (ARI test condition) :  
70°F DB, 60°F WB, 200°F EWT, 20°F DT, 70°F EAT, 2psig steam 70°F EWT

Operating Range:

Hydronic	32 ~ 200°F fluid @ 104°F ambient temp.
Steam	32 ~ 250°F fluid @ 169°F ambient temp. and max. 15psi steam

Filter:

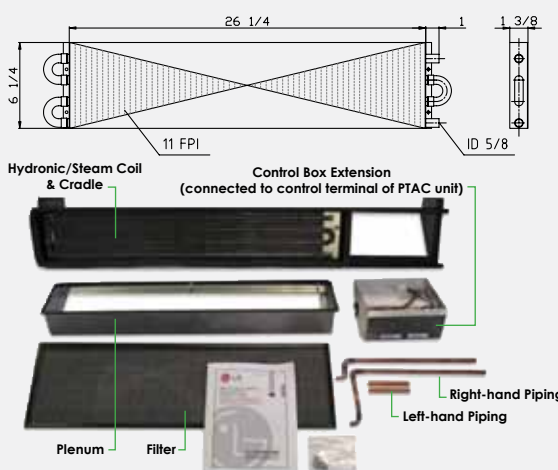
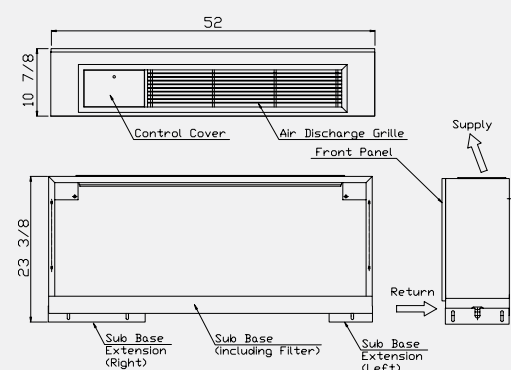
Filter	Frame 29 3/8 x 9 x 7/16 thick
Filter Type	Mesh type, Washable

### Hydronic or Steam Valve

Model No.		Power Supply (V, Ph, Hz)	Input (Watts)
Hydronic	Steam	230/208, 1, 60	6.5
PYHV1A		265/208, 1, 60	6.5
PYHV2A		230/208, 1, 60	6.5
	PYSV1A	230/208, 1, 60	6.5
	PYSV2A	265, 1, 60	6.5

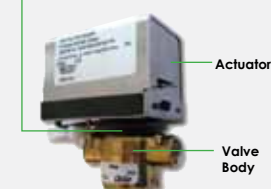
Valve Type	Normal Closed 2 Way Valve
Connection	1/2" SWT
Fluid Flow	2.5Cv
MOPD	40psi
Valve Static Pressure Limits	Max. Water 300 psi Max. Steam 15 psi
Body Material	Forged Brass
Stem	Nickel plated
Seat	Brass
Paddle	Buna N. for hydronic (water) Highly saturated nitrile for steam

### Hydronic/Steam Heat Coil Kit - PYHSK1A



### PYHV1A / PYHV2A PYSV1A / PYSV2A

Connecting Wire (2 cables)



# Packaged Terminal Air Conditioners Specifications

SYSTEM MODEL #	LP073CD2A	LP093CD3A	LP123CD3A	LP153CD3A	LP073HD2A	LP093HD3A	LP123HD3A	LP153HD3A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
<b>PERFORMANCE</b>								
Capacity (BTUs) (Cooling)	7,400/7,200	9,000/8,800	11,800/11,600	14,300/14,100	7,400/7,200	9,000/8,800	11,800/11,600	14,700/14,500
Capacity (BTUs) (Heating)					6,400/6,200	8,100/7,900	10,800/10,600	12,100/11,900
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
EER	11.6	11.0	10.6	9.2	11.6	11.0	10.6	9.4
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)								
Dehumidification (pts/hr)	2.0	2.6	3.5	4.4	2.0	2.6	3.5	4.6
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	50/48
Outdoor dB(A)*	61	61	63	63	61	61	63	63
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	93	93	101	91	97	97	105
<b>THERMOSTAT RANGE</b>								
Cooling/Heating (0F)**	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

SYSTEM MODEL #	LP076CD2A	LP096CD3A	LP126CD3A	LP156CD3A	LP076HD2A	LP096HD3A	LP126HD3A	LP156HD3A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
<b>Performance</b>								
Capacity (BTUs) (Cooling)	7,200	9,000	11,800	14,000	7,300	9,200	11,800	14,700
Capacity (BTUs) (Heating)					6,100	8,200	10,700	12,100
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
EER	11.0	10.5	10.2	9.0	11.2	10.8	10.4	9.4
Air Circulation (CFM H/L)	300/270	300/270	420/390	420/390	300/270	300/270	420/390	420/390
Fan Speeds (Cooling/Heating/Fan)								
Dehumidification (pts/hr)	2.0	2.6	3.5	4.4	2.0	2.6	3.5	4.6
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	50/48
Outdoor dB(A)*	61	61	63	63	61	61	63	63
STC	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
Electric Heater (kW)	2.0	3.7	3.7	3.7	2.0	3.7	3.7	3.7
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.)	88	94	94	102	91	99	99	106
<b>THERMOSTAT RANGE</b>								
Cooling/Heating (0F)**	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

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LG Commercial Air Conditioning  
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 for more information and where to buy,  
 visit [www.lghvac.com](http://www.lghvac.com)

