

INNOVATIVE

COMFORT

SOLUTIONS



WHEN GUESTS NEED
ABSOLUTE PEACE AND QUIET



LG

Life's Good

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 12.5 EER, which translates into serious energy savings.

PTAC FEATURES & BENEFITS



Wireless Energy Management Digital Thermostat: (Accessory Kit Part #:PYRCUCC0A)

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 the Wireless Wall Thermostat Kit)

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



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.



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 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.

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.

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.

Sensors
4 Sensors provide highly efficient operation and maximizes guest comfort.

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

High Efficiency Compressor
Energy efficient and maintenance-free operation.

Power Cord
Included with every unit.

SUBMITTAL DATA: PYHSK1A, PYHV*A/PYSV*A Hydronic/Steam Heat Coil Kit & Hydronic/Steam Valve:

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)	
	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

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

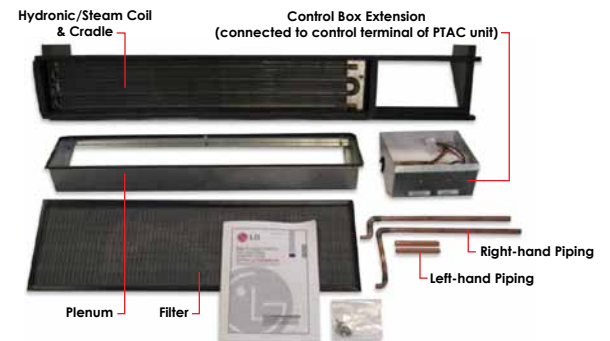
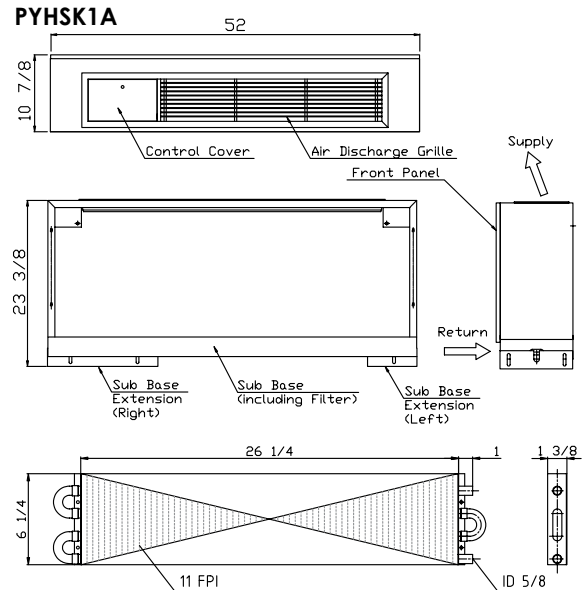
Operating Range: **Hydronic** 32 ~ 200°F fluid @ 104°F ambient temp.
Steam 32 ~ 250°F fluid @ 169°F ambient temp. and max. 15psi steam

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		
PYHV1A		230/208, 1, 60	6.5
PYHV2A		265/208, 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 15psi
Body Material	Forged Brass
Stem	Nickel plated
Seat	Brass
Paddle	Buna N. for hydronic (water) Highly saturated nitrille for steam



PYHV1A / PYHV2A / PYSV1A / PYSV2A



PACKAGE TERMINAL AIR CONDITIONERS SPECIFICATIONS

System Model #	LP070CED-Y8	LP090CED-Y8	LP120CED-Y8	LP150CED-Y8	LP070HED-Y8	LP090HED-Y8	LP120HED-Y8	LP124HED-Y8	LP150HED-Y8	LP070CED1	LP090CED1	LP120CED1
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance												
Capacity (BTUs)	7,600 / 7,400	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	12,000/11,800 10,900/10,700	14,300/14,100 13,500/13,300	7,600	8,900	11,800
Refrigerant	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-410A	R-22	R-22	R-22	R-22
EER	12.5	11.7	11.2	10.0	12.1	11.6	10.8	10.8	9.8	11.7	11.0	10.7
Air Circulation (CFM H/L)	335/300	335/300	390/355	390/355	335/300	335/300	390/355	390/355	390/355	300/270	300/270	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	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	2.0	2.6	3.3	3.3	4.4	2.0	2.6	3.3
Indoor dB(A)*	45/43	45/43	49/47	49/47	45/43	45/43	49/47	49/47	49/47	45/43	45/43	49/47
Outdoor dB(A)*	60	60	63	63	60	60	63	63	63	60	60	63
STC	30	30	30	30	30	30	30	30	30	30	30	30
Electrical												
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	230/208-60-1	265-60-1	265-60-1	265-60-1
Electrical Heater (kW)	2.5	3.5	3.5	3.5	2.5	3.5	3.5	3.5	3.5	2.0	3.7	3.7
Circuit Breaker (A)	15	20	20	20	15	20	20	20	20	15	20	20
Dimensions												
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	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	97.1	104.9	87.7	86.6	93.7
Thermostat Range												
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	54-86/54-86	54-86/54-86

*LG verified sound rating **Adjusted by temperature limiting with DIP switches on the unit

System Model #	LP150CED1	LP155CED1	LP070HED1	LP090HED1	LP120HED1	LP150HED1	LP155HED1	LP090CSD-Y8	LP120CSD-Y8	LP090HSD-Y8	LP120HSD-Y8
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance											
Capacity (BTUs)	14,000	14,000	7,300 6,200	9,300 8,000	12,000 10,800	14,400 13,200	14,000 13,200	8,900/8,800	11,500/11,300	8,700/8,500 7,500/7,300	11,500/11,300 10,500/10,300
Refrigerant	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
EER	9.5	9.5	11.6	11.2	10.4	9.2	9.5	11.0	10.8	10.8	10.0
Air Circulation (CFM H/L)	420/390	420/390	300/270	300/270	420/390	420/390	420/390	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	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	4.4	4.4	2.0	2.6	3.3	4.4	4.4	2.6	3.3	2.6	3.3
Indoor dB(A)*	49/47	49/47	45/43	45/43	49/47	49/47	49/47	45/43	49/47	45/43	49/47
Outdoor dB(A)*	63	63	60	60	63	63	63	60	63	60	63
STC	30	30	30	30	30	30	30	30	30	30	30
Electrical											
Rated Voltage	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electrical Heater (kW)	3.7	5.0	3.7	3.7	3.7	3.7	5.0	3.5	3.5	3.5	3.5
Circuit Breaker (A)	20	30	15	20	20	20	30	20	20	20	20
Dimensions											
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	42 x 16 x 19 7/8
Weight (lbs.)	102.1	102.1	92.2	92.2	99.2	106.5	106.5	88.5	94.5	89.6	97.8
Thermostat Range											
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	54-86/54-86

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(Accessory Kit Part #:PYRCUCCOA)

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



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