

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



## PACP4B000

### Advanced Control Platform (ACP) - IV



#### Electrical:

Power Supply	24 VAC 60 Hz
Power Consumption	22 VA

40 VA transformer recommended.

#### Surrounding Conditions:

Operating Temperature (°F)	-4-140
Storage Temperature (°F)	-4-176
Humidity	0-95% (non-condensing)

#### Unit Data:

Dimensions	10-11/16" W x 6-3/16" H x 2-5/8" D
Maximum Number of Devices	256 (64 per V-Net)
Maximum Number of Outdoor Units	16 per V-Net

#### Standard Features

- 20 x 4 Character LCD
- Indoor Unit Control/Monitoring by Groups/Indoor Units
- Web Access with User Access Control
- Error History Log
- Forced Off Digital Input

#### Basic Unit Function

- Operation – On/Off
- Mode – Auto/Cool/Dry/Heat/Fan Only
- Setpoint
- Fan Speed – Auto/Low/Med/High
- Louver Swing

#### Advanced Unit Function

- 200 Programmable Schedule Events with control of Setpoint, On/Off, Mode, Fan Speed, Controller Lock, and Louver Swing
- Two Setpoint Auto Changeover
- Temperature Setpoint Range Limit
- Remote Controller Lock (All, Setpoint, Mode)
- Manual Control and Scheduling of Digital Output Kit
- Peak/Demand Control
- SD Card Slot for V-Net Communication Logging
- Power Distribution Indicator (PDI) Integration (optional)

#### Notes:

Must follow installation instructions in the applicable LG installation manual.

#### Optional Accessories (sold separately)

- Digital Output Kit - PQNFP00T0
- Power Distribution Indicator (PDI) - PQNUD1S41

#### Connectivity:

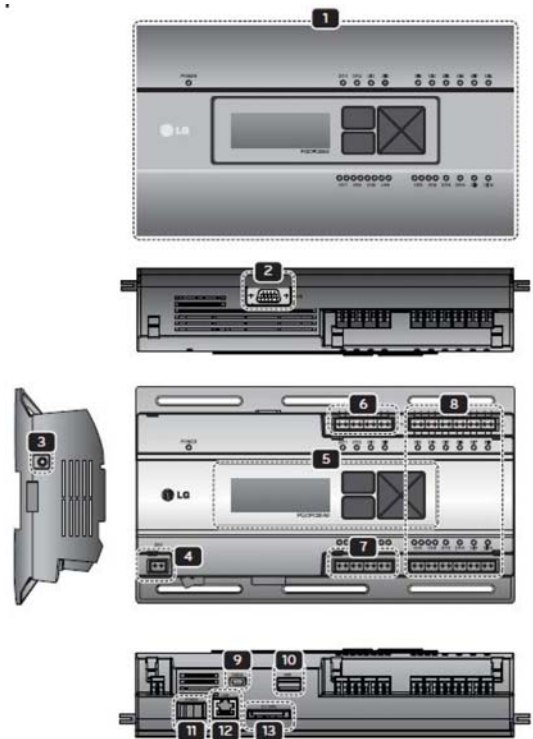
LG Communications	4 Channel/RS-485 V-Net
Ethernet	10/100 BASE-T

#### Communications Cabling Specifications (V-Net):

Type	2-conductor, stranded, shielded copper cable/PVC or vinyl jacket
Size	AWG 18-2
Maximum Length	3,280 (end to end)

AWG - American Wire Gauge

#### Description:



- |                          |                                                   |
|--------------------------|---------------------------------------------------|
| 1 Cover                  | 8 Expanded I/O and Comm (Reserved for future use) |
| 2 RS-232 Console Por     | 9 Mini USB Port                                   |
| 3 Not Used               | 10 USB Port                                       |
| 4 24 VAC Input           | 11 Power Button                                   |
| 5 LCD/Navigation Buttons | 12 Ethernet Port                                  |
| 6 Standard Inputs/Output | 13 SD Card Slot                                   |
| 7 V-Net Comm Port        |                                                   |