

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PQCSW320A1E

AC Smart II



Electrical:

Power Supply	100-240 VAC 50/60 Hz (AC wall adapter provided with unit)
Power Consumption	18 W @ 12 VDC

Surrounding Conditions:

Operating Temperature	32-104 °F
Storage Temperature	-4-140 °F
Humidity	0-98% (non-condensing)

Unit Data:

Dimensions	8-1/2" W x 4-7/8" H x 1-9/16" D
Maximum Number of Indoor Units	64 (128 w/Expansion Kit)
Maximum Number of Outdoor Units	16 per V-net
Maximum Number of Controllers	2 per V-net

Standard Features:

- 7 inch LCD touchscreen
- Indoor Unit Control/Monitoring by Zones/Groups/Indoor Units
- Basic Web Access with User Access Control
- Operation and Error History Log
- Forced Off Dry Contact Input

Basic Unit Functions

- Operation – On/Off
- Mode – Auto/Cool/Dry/Heat/Fan Only
- Setpoint
- Fan Speed – Auto/Low/Med/High/Power
- Controller Lock All Function – On/Off/Setpoint/Mode/Fan Speed
- Individual Controller Lock Function – Setpoint/Mode/Fan Speed

Advanced Unit Functions

- Automatic changeover for two pipe systems
- 10 Programmable Schedules with Weekly and Daily Patterns and Exceptions
- Setpoint, On/Off, Mode, Fan Speed, Controller Lock Schedulable per half hour
- Temperature Setpoint Range Restriction
- Temperature Limit (Setback)
- Time Limit (Unoccupied Override)
- Error E-mail Notification
- Manual Control and Scheduling of Digital Output Kit
- Web Scheduling (Optional)
- Power Distribution Indicator (PDI) Output (Optional)

Notes:

Must follow installation instructions in the applicable LG installation manual.

Optional Accessories (sold separately)

- Web Schedule Option Card (PQCSE341A0)
- Web Schedule and PDI Option Card (PQCSE342A0)
- 128 Expansion Kit (PQCSE440U0)
- Digital Output Kit (PQNFP00T0)

Connectivity:

LG Communications	1 Channel/RS-485 V-Net
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Communications Cabling Specifications (V-Net):

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

AWG - American Wire Gage

Description:

