

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

**PRLK594A0**

**Electronic Expansion Valve Kit**

**for AHU Communications Kit**



#### Electrical:

Power Supply Powered by AHU Comm Kit (12 VDC)

#### Environmental Data:

Operating Temperature -4 -149 °F  
Humidity 0-98 % (non-condensing)

#### Unit Data:

Dimensions (inch) 16-1/8 W x 7-3/32 H x 13-39/64 D  
Net Weight (lb) 15.4  
Shipping Weight (lb) 16.5

#### Capacity:

Maximum AHU Capacity (Btu/h) 594000

#### Standard Features:

- Controls refrigerant flow between Multi V air or water source units and a 3rd party air handling unit.
- Minimum coil entering temperature is 41°F
- Maximum distance between EEV and Comm kit is 10 feet
- Maximum of (1) EEV kit can be connected to Comm kit
- When brazing to EEV kit, use wet cloth to ensure main EEV body temperature does not exceed 248°F
- Designed for indoor installations (field supplied water-proof enclosure must be used when installing outdoors)
- Compatible with PAHCMS000 AHU Comm Kit. PACHMS000 requires EEV controller module PAEEVA020.

#### Communications Cabling Specifications:

Type Stranded, shielded copper cable  
Size AWG 18 x 6

AWG - American Wire Gauge

#### Refrigerant

Refrigerant Type R410A

#### Notes:

1. Must follow installation instructions in the applicable LG installation manual.

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Life's Good

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