

Date:

PO No.:

Architect:

Engr:

Rep:

For: File Resubmit Approval Other

GC:

Mech:

(Company) (Project Manager)



PAHCMR000
AHU Communications Kit
Return Air

Electrical:

Power Supply	208-230VAC, 60Hz, 1Ph
Rated Current	0.1A

Environmental Data:

Operating Temperature	-4 to +149°F
Humidity	0-98% (Non-condensing)

Unit Data:

Dimensions (inch)	11-13/16 W x 11-13/16 D x 6-3/32 H
Net Weight (lb.)	13.7
Shipping Weight (lb.)	16.4

Standard Features:

- Allows communication between third-party air handling unit controllers and LG air source and water source units
- AHU Coil Capacities
 - 41°F minimum entering air temperature
 - 12-384 kBtu/h for Multi V
- One Thermistor (Return air; 16.4 ft. in length.)
- EEV Control
- Analog input (0-10V) for capacity control
- Digital Inputs for On/Off and Mode control
- Digital Outputs for ODU running status (heat/cool/off), ODU defrost signal
- Designed for outdoor installation

Required Accessories (Sold Separately):

One of the following wired controllers:

- ☐ MultiSITE Remote Controller CRC1 - PREMTBVC0
- ☐ MultiSITE Remote Controller CRC1+ - PREMTBVC1
- ☐ Premium Remote Controller - PREMTA000
- ☐ Simple Remote Controller - PREMTC00U

One of the following Electronic Expansion Valves:

- ☐ AHU EEV Kit PRLK048A0
- ☐ AHU EEV Kit PRLK096A0
- ☐ AHU EEV Kit PRLK396A0
- ☐

Notes:

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

Connectivity:

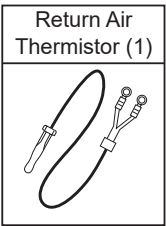
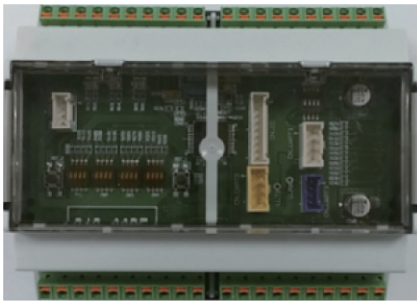
LG Communications	RS-485 (Connects to IDU A/B Communications Terminals on ODU)
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Communications Cabling Specifications:

Type	Stranded, Shielded Copper Cable
Size	18 x 2

AWG - American Wire Gauge

Communications Module

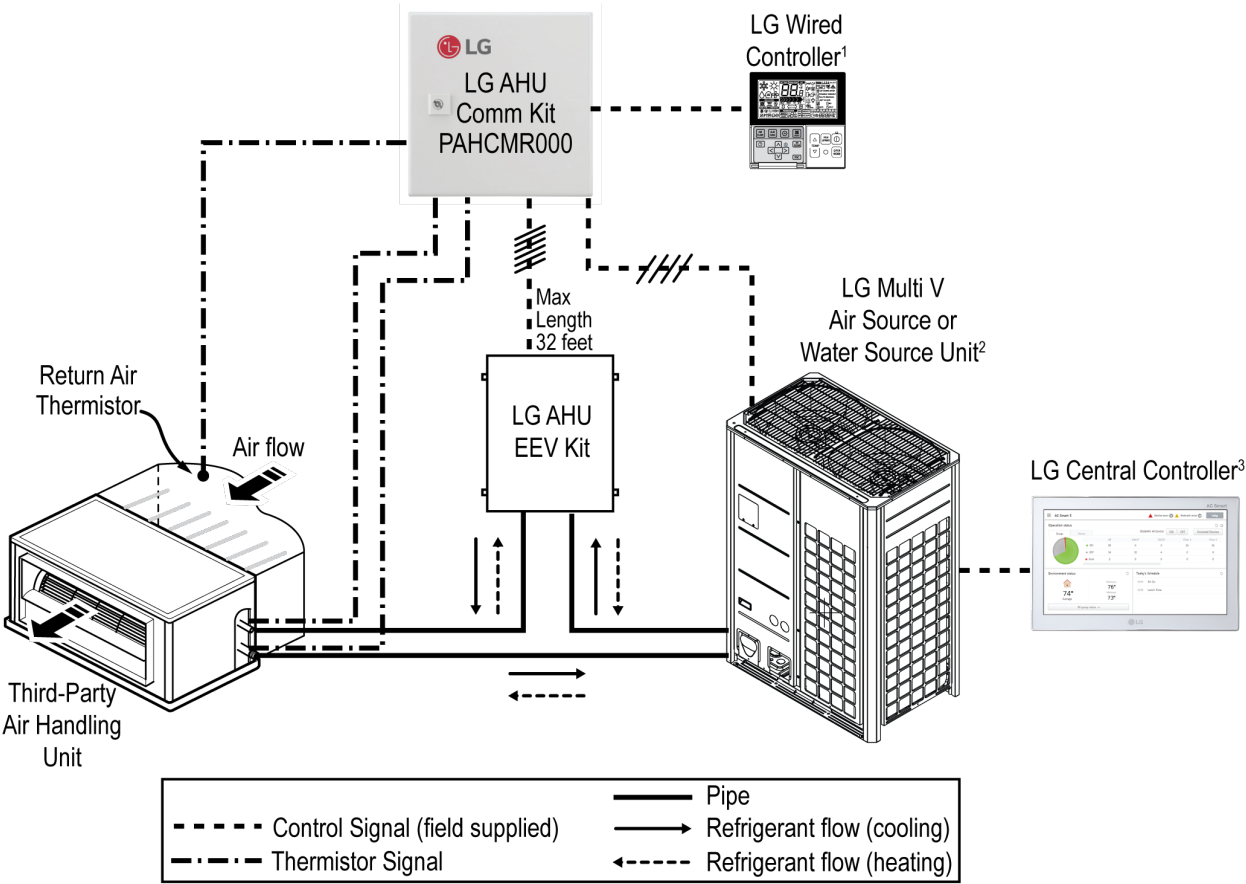


AHU Capacity Multi V (kBtu/h)
12
15
18
24
28
36
42
48
54
76
96
115
134
153
172
192
216
240
264
288
312
336
360
384

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¹LG wired controller is required.
²Compatible units are Multi V.
³Compatible central controllers are AC Smart V and ACP V.

AHU Communications Kit Installation

