

Date: _____

For: File Resubmit
 Approval Other _____

PO No.: _____

Architect: _____

GC: _____

Engr: _____

Mech: _____

Rep: _____

(Company)

(Project Manager)

PES-CORV0
CO2 Sensor



Electrical:

Power Supply	12 VDC (from ERV)
Analog Output	0-5VDC (0-2000 ppm CO2)

Surrounding Conditions:

Operating Temperature °F	14 - 158
Storage Temperature °F	-4 - 176
Humidity	0-98% (non-condensing)

Unit Data:

Dimensions	4-1/16" H 3-1/4" W x 1-1/4" D
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Standard Features:

- Constant monitoring of CO2 levels
- Automatically changes ERV fan speed to maintain indoor CO2 level when ERV fan is set to Auto
- LCD display readout
- LED sensor light indications for troubleshooting
- Direct attachment through 33 foot cable
- Connects to CN_CO2 socket on ERV control board
- Compatible with ERV (Energy Recovery Ventilator):
 ARVU053ZEA2
 ARVU063ZEA2
 ARVU093ZFA2
 ARVU123ZFA2

Notes:

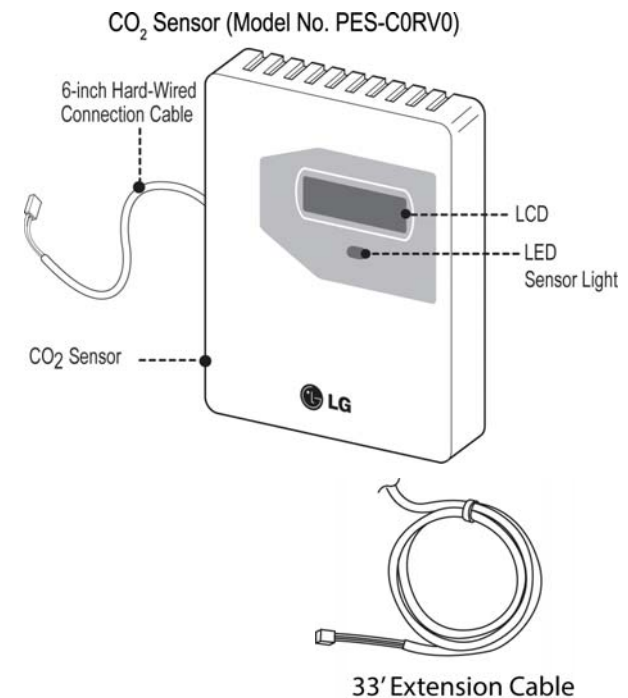
1. Must follow installation instructions in the applicable LG installation manual.

Connectivity:

Electric Cabling	6-inch – Hard Wired
Extension Cable	33 ft. Cable

Description:

The CO2 sensor connects to an ERV and transmits an electrical signal to a controller. This 0 to 5 Vdc electrical signal represents the concentration (0 to 2000 ppm) of CO2 found in ambient air at the sensor's location.



- CO2 Sensor** CO2 Sensor picks up Carbon Dioxide readings.
- Cable** 6-inch, Hard-Wired Electric Cable
- Extension Cable** 33 ft. Cable
- LCD** Displays readings and symbols for troubleshooting
- LED Sensor Light** Green for Normal reading; Yellow for High CO2 reading