

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval

Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

PCRCUDT3

Wi-Fi Module with SmartThinQ™ compatibility

Smartphone app for LG air conditioning systems



LG SmartThinQ features:

- Control an unlimited number of indoor units across multiple systems.
- Set up unit to run in different modes, depending on scheduling needs.
- Troubleshoot problems using Smart Diagnosis function.
- Monitor filter usage of the unit.

Minimum requirements for Smartphone environment:

- Apple iPhone® with iOS 8.0 or higher.
- Android™ phone with Android 4.12 or higher.
- Latest version of free SmartThinQ app downloaded and installed from App store (iOS) or Play store (Android).

iPhone is a registered trademark of Apple, Inc. Android is a trademark of Google LLC.

Wi-Fi module must be installed in each indoor unit to be controlled using the LG SmartThinQ app.

Wireless network requirements for running SmartThinQ app on Smartphone:

Wireless module specifications	
Standard	IEEE 802.11 b/g/n
Frequency range	2400 ~ 2483 MHz
Output power (Max)	802.11b: 21 dBm 802.11g: 18 dBm 802.11n: 17 dBm

FCC warning statements:

FCC Part 15.19 Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.105 Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

FCC Part 15.21 Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure Statement

The antenna(s) must be installed such that a minimum separation distance of at least 20 cm is maintained between the radiator (antenna) and any individual at all times. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

<IC Warning Statements>

RSS-GEN, Sec. 7.1.3 – (license-exempt radio apparatus)

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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