

Post-Installation Inspection Report

This report outlines the activities that need to be performed by the installer/contractor once installation is complete. This is to be completed before and/or during the commissioning of a site. As a result of this inspection, any issues that are found at the site will need to be corrected by the contractor. This Post Installation document is to be **FILLED OUT COMPLETELY** and then **SIGNED** by the installer/contractor. In addition to this document, the contractor will be expected to call CS (Customer Support) to verify and ensure the equipment is working properly.

P1900 Unit

- Picture of the P1900 Unit and the antenna with the cover off the unit from a distance.
- Close up picture of the P1900 unit so that internal wiring can be identified.
- Picture of the lighting panel / circuit breaker from which the unit is fed.
- The correct wire size and color is used for the over-current protection (OCP) device provided on both the P1900 input circuit and the lighting contactors.
 - Wire gauge size _____ on _____ amp breaker
 - Relay load circuit on _____ amp breaker
- The P1900 Unit receives power from a dedicated circuit that is properly labeled.
- A “bonded” Earth Ground is run from the lighting panel to the P1900 Unit and tested with DMM.
- The low voltage and high voltage wiring is not run in the same conduit.
- No debris is left in or on the P1900 Unit.
- The antenna cable connection is tight.
- All wires in the unit are neatly dressed and properly terminated with electrical tape.
- AC circuits and wiring are installed in proper conduit that meets all applicable codes.
- Using membrane switches provided on the cover of the P1900 unit, energize one circuit at a time and re-verify which lights are being controlled by that circuit. (Using the membrane switch deactivate each circuit individually before testing the next circuit in the sequence.)

Thermostats

- Picture of each thermostat from a distance to show location.
- Picture of each thermostat close up with the cover on and cover off to show wiring and connections.
- Picture of each of the remote room sensors if applicable.
- Picture of each installed duct sensor. (Label each sensor photograph to designate which RTU it is monitoring).
- Picture of how the thermostat wiring was terminated within each RTU.
- All thermostats / sensors are in the proper locations.
- The shield in the communication wire is tied together at each thermostat, fully insulated from any other conductor or ground and then terminated to Earth Ground at the P1900 unit.
- None of the thermostats are mounted or located incorrectly (see Scope of Work). The DIP switches are set correctly according to the application used. Addresses per location were re-verified.
- Proper wiring is installed or utilized to activate all cooling and heating stages for each RTU.
- Multiple stages of cooling or multiple stages of heating are not be jumpered together.
- Any wiring to rooftop units that is exposed to the elements (i.e. outdoors) is run inside UV resistant protective, rigid or flexible tubing to prevent exposure damage.
- Duct sensor locations have been verified by the cooling and heating operation of the RTU while measuring the duct temperature with an external handheld device.

