

## Location of independent temperature controller (thermostat)

The thermostat must be installed in a place where it is most representative of the occupants' thermal experience. Installing in a place where it may be affected by sun shine, heat from lighting fixtures, direct air flow from diffuser, heat from dimmer switches, near an openable window or close to any other temperature affecting sources must be avoided.

For projects, where central control and monitoring system (CCMS) is applicable as per *Regulation 503.05*, all temperature controllers must be integrated with CCMS. This is to monitor and operate the building HVAC systems more efficiently under varying load condition.

## COMPLIANCE DOCUMENTATION

**Table 502.08(1): Documents Required**

Project Stages	Submittal Documents
Design Permit Application	1. Mechanical drawing indicating control systems for HVAC and thermostat location.
Construction Completion Application	1. Final approved mechanical drawing indicating control systems for HVAC and thermostat location. 2. Thermostat manufacturer data-sheet.
After Completion	1. Performance and commissioning report.

## REFERENCES AND ADDITIONAL INFORMATION

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2017). ASHRAE Handbook — Fundamentals, [www.ashrae.org](http://www.ashrae.org).

American Society of Heating, Refrigerating and Air-Conditioning Engineers. (2016). ASHRAE standard 90.1: Energy Standard for Buildings Except Low-Rise Residential Buildings, [www.ashrae.org](http://www.ashrae.org).

McDowall, R. (2006). Fundamentals of HVAC Systems (IP): IP Edition Hardbound Book. Elsevier Science.