INTEGRATED THERMAL COMFORT CONTROL SYSTEM UTILIZING CIRCULATING FANS

ABSTRACT

A system for providing thermal comfort for a person within a space comprising a plurality of interconnected zones, such as a single room in a residence, commercial establishment, or industrial location. At least one fan is positioned in each zone, which may be an overhead fan mounted to a ceiling common to two or more of the zones, and a sensor is provided for sensing a condition in at least one of the zones. A controller is adapted for controlling the fan in the at least one zone independent of another fan based on the sensed condition in the at least one zone including the controlled fan. Related aspects of a thermal comfort control system and methods are disclosed.

[FIGURE 1]