

AIR CONDITIONING SYSTEM

[ABSTRACT]

5 An air conditioning system (10) includes: a sensor (20);
an obtainer (35) that obtains information indicating air quality
in an indoor space, which is output by the sensor (20); and a
controller (32) that calculates an air quality index based on the
information obtained, and controls a ventilator (40), based on
10 the air quality index calculated. The air quality index is
expressed by $f(X_n) \times g(T, H)$, where $f(X_n)$ denotes a function with
respect to X_n that indicates at least one of a CO₂ concentration,
a concentration of total volatile organic compounds (TVOC), a
concentration of particulate matter (PM), an NO_x concentration,
15 an SO_x concentration, an O₃ concentration, a mold count, or a
dust count, and $g(T, H)$ denotes a function with respect to T
denoting temperature and H denoting humidity in the indoor
space.

20 Figure 1

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