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**Hygienic specifications of central air conditioning
ventilation system in public buildings**

公共场所集中空调通风系统卫生规范

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Hygienic specifications of central air conditioning ventilation system in public buildings

1 Scope

This standard specifies the hygiene requirements of the design, quality, testing and management of central air conditioning ventilation system in public buildings (hereinafter called as central air conditioning system for short).

This standard applies to central air conditioning systems used in public buildings, and central air conditioning system in other places can be implemented by reference.

2 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

2.1

Air change flow

The amount of outdoor air into indoor by a central air conditioning system in unit time, the unit is $m^3 / (h \cdot person)$.

2.2

Inhalable particle matter

Suspended in the air, aerodynamic equivalent's diameter is equal to or less than $10\mu m$, the particulate matters that can enter the human throat respiratory are referred to the PM_{10} .

2.3

Duct surface dust

The dust amount per unit area of the dust inner surface in air conditioning, the unit is g/m^2 .

3 Design and hygiene requirements

3.1 Design of central air conditioning system fresh air should be designed to meet the requirements of Table 1. .

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