General rules of energy saving technology for poultry houses

GB 50176
GB/T 7106
GB/T 19525.1
GB/T 19664
GB/T 51140
JGJ/T 132
T/CAAA 056

GB/T 51140 GB/T 19525.1

Large scale closed commercial chicken house

chicken house envelope

thermal defect

air permeability performance

ventilation efficiency ratio VER

VER

ventilation saving rate

A

GB 50176

GB 50176

1 2

$$A \quad R \qquad \frac{t_i \qquad t_i \quad t}{t_i \quad t}$$

2

$$A \quad R \quad \frac{t_i \qquad\qquad t_i \quad t}{t_i \quad t}$$

R_i i

A_i i

V

t_i

t_e

m

y

CO_2 5000 mg/m^3

0.4-0.7 m^3/(h kg) 0.4-1.2 m^3/(h kg)

20 Pa~70 Pa VER T/CAAA 056

3

5%

$$\varepsilon = -\frac{e_1}{e_2} \times \qquad 3$$

ε %

e_1 m^3/h

e_2 m^3/h

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