**公共建筑换气次数**

**计算书**

|  |  |
| --- | --- |
| 工程名称 | XXX |
| 工程地点 | XXX |
| 设计编号 | GZ40057 |
| 建设单位 | XXX |
| 设计单位 | XXX |
| 设 计 人 | XXX |
| 校 对 人 | XXX |
| 审 核 人 | XXX |
| 设计日期 | XXXX年XX月XX日 |



|  |  |
| --- | --- |
| 采用软件 | 绿建斯维尔建筑通风Vent202020 |
| 软件版本 | 20200606 |
| 研发单位 | 北京绿建软件股份有限公司 |
| 正版授权码 | T13232778300 |

# 建筑概况

|  |  |
| --- | --- |
| 工程名称 |  |
| 工程地点 | 广州 |

# 计算依据

1. 《绿色建筑评价标准》GB/T50378—2019

2. 《绿色建筑评价技术细则》

3. 相关建筑图纸

# 参考标准

《绿色建筑评价标准》GB/T50378—2019 中5.2.10条款 对公共建筑的室内自然通风效果按以下规则评分：

根据在过渡季典型工况下主要功能房间平均自然通风换气次数不小于 2 次/h 的面积比例，按照下表的规则评分，最高得 8 分。

表1 公共建筑过渡季节典型工况下主要功能房间自然通风评分规则

|  |  |
| --- | --- |
| 面积比例 RR | 得分 |
| 70%≤RR＜80% | 5 |
| 80%≤RR＜90% | 6 |
| 90%≤RR＜100% | 7 |
| RR=100% | 8 |

# 计算方法

本项目采用多区域网络法对该建筑室内换气次数进行计算，多区域网络法即把室内各房间分为不同的通风换气区域，以门窗风压作为边界条件，不同区域之间通过联通的门窗作为连接，进行数据的传输，最终获得各个房间的换气次数。

房间换气次数的计算源于通风路径空气质量流量的计算，基于多区域网络法的空气质量流量计算如下式：

——房间体积流量（/s）

∆P——相邻房间之间门窗的风压差；

——流量系数，对于大的建筑洞口，取0.5，对于狭小的洞口取0.65，本项目计算取0.6；

*A*——洞口面积（）

——空气密度 （）

通过上述方法获取一个房间的体积流量之后，即可进行房间换气次数的计算：

——房间体积流量（/s）

——换气次数（次/h）；

——房间体积（m3）；

# 换气次数计算表

表2 公共建筑过渡季节典型工况下换气次数统计表

|  |  |  |
| --- | --- | --- |
| 换气次数大于2次/h的面积比 | | |
| 换气次数大于2次/h的面积 | 6035.38 | ㎡ |
| 总面积 | 6145.35 | ㎡ |
| 面积比例RR | 98.21 | % |

| 分类 | 体积 (m^3) | 面积 (m^2) | 换气次数 (次/h) |
| --- | --- | --- | --- |
| 建筑 |  |  |  |
| 第-1层 |  |  |  |
| 户:1-A | 9510.88 | 3170.29 |  |
| 596067330[房间] | 101.94 | 22.65 | 0.00 |
| 596067332[房间] | 80.60 | 17.91 | 0.00 |
| 596067333[房间] | 11.29 | 2.51 | 0.00 |
| 596067335[房间] | 234.80 | 52.18 | 0.00 |
| 第1层 |  |  |  |
| 户:1-B | 4383.22 | 1461.07 |  |
| 1056[起居室] | 54.14 | 18.05 | 62.22 |
| 1058[卧室] | 24.72 | 8.24 | 47.17 |
| 1059[贵宾室] | 60.40 | 20.13 | 79.08 |
| 1060[卧室] | 45.79 | 15.26 | 32.91 |
| 1061[贵宾室] | 37.11 | 8.25 | 10.29 |
| 1062[贵宾室] | 66.69 | 14.82 | 6.89 |
| 1063[贵宾室] | 39.70 | 8.82 | 7.29 |
| 1064[贵宾室] | 28.35 | 9.45 | 10.20 |
| 1066[贵宾室] | 28.35 | 9.45 | 10.21 |
| 1067[贵宾室] | 47.87 | 15.96 | 42.28 |
| 1068[贵宾室] | 47.85 | 15.95 | 42.23 |
| 1069[贵宾室] | 26.43 | 8.81 | 82.00 |
| 1070[贵宾室] | 39.69 | 8.82 | 7.29 |
| 1071[贵宾室] | 28.35 | 9.45 | 10.21 |
| 1072[贵宾室] | 28.35 | 9.45 | 10.21 |
| 1073[贵宾室] | 47.88 | 15.96 | 6.04 |
| 1074[贵宾室] | 47.88 | 15.96 | 6.04 |
| 1075[贵宾室] | 26.46 | 8.82 | 10.93 |
| 1076[房间] | 66.20 | 14.71 | 0.00 |
| 户:1-H | 746.25 | 248.75 |  |
| 1006[体育馆场地] | 1119.37 | 248.75 | 7.06 |
| 户:1-I | 470.99 | 157.00 |  |
| 1003[起居室] | 42.17 | 14.06 | 146.37 |
| 1004[卧室] | 40.37 | 13.46 | 196.84 |
| 1005[卧室] | 40.37 | 13.46 | 191.07 |
| 1008[起居室] | 42.17 | 14.06 | 169.24 |
| 1010[起居室] | 42.17 | 14.06 | 180.77 |
| 1011[卧室] | 20.99 | 7.00 | 79.56 |
| 1013[卧室] | 40.32 | 13.44 | 130.40 |
| 1015[卧室] | 40.37 | 13.46 | 195.15 |
| 1016[卧室] | 20.99 | 7.00 | 104.16 |
| 1019[卧室] | 20.55 | 6.85 | 169.26 |
| 1023[卧室] | 20.99 | 7.00 | 117.76 |
| 1024[起居室] | 54.66 | 18.22 | 144.28 |
| 户:1-X | 410.38 | 136.79 |  |
| 1002[卧室] | 26.34 | 8.78 | 77.25 |
| 1017[卧室] | 24.72 | 8.24 | 65.10 |
| 1022[卧室] | 45.79 | 15.26 | 92.80 |
| 1028[卧室] | 45.79 | 15.26 | 42.60 |
| 1029[卧室] | 24.72 | 8.24 | 127.68 |
| 1031[起居室] | 54.14 | 18.05 | 97.99 |
| 1054[卧室] | 37.44 | 12.48 | 152.24 |
| 1055[起居室] | 53.17 | 17.72 | 92.83 |
| 户:1-Z | 126.75 | 42.25 |  |
| 1001[一般病房] | 60.87 | 20.29 | 113.08 |
| 1003[办公室] | 36.29 | 12.10 | 34.42 |
| 第2层 |  |  |  |
| 户:1-C | 1261.13 | 420.38 |  |
| 2041[起居室] | 54.14 | 18.05 | 130.81 |
| 2045[卧室] | 24.72 | 8.24 | 109.21 |
| 2047[卧室] | 45.79 | 15.26 | 36.10 |
| 户:1-D | 996.13 | 332.04 |  |
| 2001[卧室] | 37.44 | 12.48 | 170.12 |
| 2002[起居室] | 53.17 | 17.72 | 102.74 |
| 2003[起居室] | 42.17 | 14.06 | 168.69 |
| 2004[卧室] | 26.35 | 8.78 | 82.93 |
| 2005[起居室] | 42.17 | 14.06 | 169.75 |
| 2006[卧室] | 40.37 | 13.46 | 193.39 |
| 2008[卧室] | 40.37 | 13.46 | 212.64 |
| 2011[起居室] | 42.17 | 14.06 | 177.59 |
| 2013[起居室] | 42.17 | 14.06 | 182.48 |
| 2014[卧室] | 20.99 | 7.00 | 107.09 |
| 2016[卧室] | 40.32 | 13.44 | 99.37 |
| 2018[卧室] | 40.37 | 13.46 | 220.04 |
| 2019[卧室] | 20.99 | 7.00 | 111.31 |
| 2020[卧室] | 24.72 | 8.24 | 98.98 |
| 2022[卧室] | 20.55 | 6.85 | 172.69 |
| 2026[卧室] | 45.79 | 15.26 | 113.21 |
| 2027[卧室] | 20.99 | 7.00 | 121.92 |
| 2028[起居室] | 54.66 | 18.22 | 171.16 |
| 2034[卧室] | 45.79 | 15.26 | 116.71 |
| 2035[卧室] | 24.72 | 8.24 | 98.78 |
| 2038[起居室] | 54.14 | 18.05 | 131.88 |
| 2079[卧室] | 40.37 | 13.46 | 127.38 |
| 户:1-R | 426.16 | 142.05 |  |
| 2069[卧室] | 39.30 | 12.53 | 58.68 |
| 2070[起居室] | 105.38 | 36.45 | 100.58 |
| 2072[卧室] | 39.30 | 12.53 | 34.15 |
| 2075[卧室] | 48.25 | 16.06 | 124.77 |
| 2076[卧室] | 48.25 | 16.06 | 128.48 |
| 2077[起居室] | 105.50 | 36.45 | 52.61 |
| 户:1-U | 426.16 | 142.05 |  |
| 2059[卧室] | 39.30 | 12.53 | 198.18 |
| 2060[卧室] | 39.30 | 12.53 | 185.18 |
| 2062[起居室] | 105.38 | 36.45 | 144.73 |
| 2063[起居室] | 105.50 | 36.45 | 174.71 |
| 2066[卧室] | 48.25 | 16.06 | 182.51 |
| 2067[卧室] | 48.25 | 16.06 | 214.42 |
| 户:1-Z | 215.04 | 71.68 |  |
| 2048[卧室] | 45.16 | 14.88 | 84.03 |
| 2051[起居室] | 106.17 | 36.44 | 88.66 |
| 2054[卧室] | 45.27 | 14.90 | 89.58 |
| 户:1-Z | 214.26 | 71.42 |  |
| 2042[卧室] | 49.62 | 16.50 | 125.98 |
| 2046[卧室] | 38.52 | 12.33 | 81.35 |
| 2049[起居室] | 105.71 | 36.47 | 86.48 |
| 户:1-Z | 213.46 | 71.15 |  |
| 2061[卧室] | 39.30 | 12.53 | 45.04 |
| 2064[起居室] | 105.50 | 36.45 | 92.46 |
| 2068[卧室] | 48.25 | 16.06 | 65.61 |
| 户:1-Z | 213.46 | 71.15 |  |
| 2043[起居室] | 105.50 | 36.45 | 90.40 |
| 2044[卧室] | 48.25 | 16.06 | 100.93 |
| 2050[卧室] | 39.30 | 12.53 | 129.33 |
| 户:1-Z | 213.46 | 71.15 |  |
| 2030[卧室] | 39.30 | 12.53 | 119.22 |
| 2037[卧室] | 48.25 | 16.06 | 43.93 |
| 户:1-Z | 126.75 | 42.25 |  |
| 2025[卧室] | 40.32 | 13.44 | 91.45 |
| 2029[卧室] | 20.55 | 6.85 | 144.66 |
| 户:1-A | 140.50 | 46.83 |  |
| 户:1-B | 114.75 | 38.25 |  |
| 第3层 |  |  |  |
| 户:1-E | 996.13 | 332.04 |  |
| 3001[卧室] | 37.44 | 12.48 | 176.83 |
| 3002[卧室] | 40.37 | 13.46 | 192.58 |
| 3003[起居室] | 42.17 | 14.06 | 159.42 |
| 3004[卧室] | 26.35 | 8.78 | 113.02 |
| 3005[起居室] | 42.17 | 14.06 | 168.33 |
| 3006[起居室] | 53.17 | 17.72 | 106.92 |
| 3007[卧室] | 40.37 | 13.46 | 226.76 |
| 3008[卧室] | 20.99 | 7.00 | 89.23 |
| 3009[卧室] | 40.37 | 13.46 | 233.02 |
| 3012[起居室] | 42.17 | 14.06 | 192.63 |
| 3014[起居室] | 42.17 | 14.06 | 202.21 |
| 3015[卧室] | 20.99 | 7.00 | 106.44 |
| 3017[卧室] | 40.32 | 13.44 | 103.87 |
| 3019[卧室] | 40.37 | 13.46 | 241.60 |
| 3020[卧室] | 20.99 | 7.00 | 116.53 |
| 3021[卧室] | 24.72 | 8.24 | 83.70 |
| 3023[卧室] | 20.55 | 6.85 | 185.67 |
| 3027[卧室] | 45.79 | 15.26 | 99.66 |
| 3028[卧室] | 20.99 | 7.00 | 137.07 |
| 3029[起居室] | 54.66 | 18.22 | 180.71 |
| 3035[卧室] | 45.79 | 15.26 | 104.84 |
| 3036[卧室] | 24.72 | 8.24 | 87.74 |
| 3039[起居室] | 54.14 | 18.05 | 113.21 |
| 户:1-N | 426.16 | 142.05 |  |
| 3060[卧室] | 39.30 | 12.53 | 197.76 |
| 3061[卧室] | 39.30 | 12.53 | 184.87 |
| 3063[起居室] | 105.38 | 36.45 | 144.55 |
| 3064[起居室] | 105.50 | 36.45 | 173.92 |
| 3067[卧室] | 48.25 | 16.06 | 181.84 |
| 3068[卧室] | 48.25 | 16.06 | 213.89 |
| 户:1-O | 426.16 | 142.05 |  |
| 3070[卧室] | 39.30 | 12.53 | 43.26 |
| 3071[起居室] | 105.38 | 36.45 | 85.45 |
| 3072[卧室] | 39.30 | 12.53 | 25.37 |
| 3074[卧室] | 48.25 | 16.06 | 24.08 |
| 3075[卧室] | 48.25 | 16.06 | 16.28 |
| 3076[起居室] | 105.50 | 36.45 | 36.57 |
| 户:1-Z | 215.04 | 71.68 |  |
| 3049[卧室] | 45.16 | 14.88 | 88.72 |
| 3052[起居室] | 106.17 | 36.44 | 72.41 |
| 3055[卧室] | 45.27 | 14.90 | 85.04 |
| 户:1-Z | 214.26 | 71.42 |  |
| 3043[卧室] | 49.62 | 16.50 | 110.86 |
| 3047[卧室] | 38.52 | 12.33 | 84.46 |
| 3050[起居室] | 105.71 | 36.47 | 87.98 |
| 户:1-Z | 213.46 | 71.15 |  |
| 3062[卧室] | 39.30 | 12.53 | 77.94 |
| 3065[起居室] | 105.50 | 36.45 | 103.01 |
| 3069[卧室] | 48.25 | 16.06 | 83.43 |
| 户:1-Z | 213.46 | 71.15 |  |
| 3031[卧室] | 39.30 | 12.53 | 103.38 |
| 3038[卧室] | 48.25 | 16.06 | 43.73 |
| 户:1-Z | 213.46 | 71.15 |  |
| 3044[起居室] | 105.50 | 36.45 | 87.61 |
| 3045[卧室] | 48.25 | 16.06 | 97.58 |
| 3051[卧室] | 39.30 | 12.53 | 112.05 |
| 户:1-Z | 213.46 | 71.15 |  |
| 3078[卧室] | 39.30 | 12.53 | 146.63 |
| 3079[起居室] | 105.50 | 36.45 | 78.84 |
| 3080[卧室] | 48.25 | 16.06 | 68.02 |
| 户:1-Z | 140.50 | 46.83 |  |
| 3042[起居室] | 54.14 | 18.05 | 129.51 |
| 3046[卧室] | 24.72 | 8.24 | 89.70 |
| 3048[卧室] | 45.79 | 15.26 | 103.97 |
| 户:1-Z | 126.75 | 42.25 |  |
| 3026[卧室] | 40.32 | 13.44 | 86.16 |
| 3030[卧室] | 20.55 | 6.85 | 151.88 |
| 第4层 |  |  |  |
| 户:1-F | 869.96 | 289.99 |  |
| 4001[卧室] | 37.44 | 12.48 | 175.48 |
| 4002[卧室] | 40.37 | 13.46 | 211.95 |
| 4003[起居室] | 42.17 | 14.06 | 167.70 |
| 4004[卧室] | 26.35 | 8.78 | 126.70 |
| 4005[起居室] | 42.17 | 14.06 | 174.33 |
| 4006[起居室] | 53.17 | 17.72 | 99.29 |
| 4007[卧室] | 40.37 | 13.46 | 240.69 |
| 4008[卧室] | 20.99 | 7.00 | 97.83 |
| 4009[卧室] | 40.37 | 13.46 | 246.09 |
| 4012[起居室] | 42.17 | 14.06 | 207.48 |
| 4014[起居室] | 42.17 | 14.06 | 210.63 |
| 4015[卧室] | 20.99 | 7.00 | 106.22 |
| 4018[卧室] | 40.95 | 13.65 | 242.88 |
| 4019[卧室] | 20.99 | 7.00 | 124.67 |
| 4020[卧室] | 24.72 | 8.24 | 74.01 |
| 4024[卧室] | 45.79 | 15.26 | 86.98 |
| 4025[卧室] | 20.99 | 7.00 | 136.15 |
| 4028[卧室] | 45.79 | 15.26 | 87.66 |
| 4029[卧室] | 24.72 | 8.24 | 73.13 |
| 4031[起居室] | 54.14 | 18.05 | 111.02 |
| 户:1-K | 426.16 | 142.05 |  |
| 4052[卧室] | 39.30 | 12.53 | 194.44 |
| 4053[卧室] | 39.30 | 12.53 | 188.75 |
| 4055[起居室] | 105.38 | 36.45 | 142.94 |
| 4056[起居室] | 105.50 | 36.45 | 174.74 |
| 4059[卧室] | 48.25 | 16.06 | 182.73 |
| 4060[卧室] | 48.25 | 16.06 | 213.83 |
| 户:1-W | 426.16 | 142.05 |  |
| 4062[卧室] | 39.30 | 12.53 | 49.10 |
| 4063[起居室] | 105.38 | 36.45 | 85.14 |
| 4064[卧室] | 39.30 | 12.53 | 45.37 |
| 4066[卧室] | 48.25 | 16.06 | 36.19 |
| 4067[卧室] | 48.25 | 16.06 | 32.52 |
| 4068[起居室] | 105.50 | 36.45 | 33.12 |
| 户:1-Z | 215.04 | 71.68 |  |
| 4041[卧室] | 45.16 | 14.88 | 121.71 |
| 4044[起居室] | 106.17 | 36.44 | 65.86 |
| 4047[卧室] | 45.27 | 14.90 | 80.84 |
| 户:1-Z | 214.26 | 71.42 |  |
| 4035[卧室] | 49.62 | 16.50 | 131.92 |
| 4039[卧室] | 38.52 | 12.33 | 85.09 |
| 4042[起居室] | 105.71 | 36.47 | 95.12 |
| 户:1-Z | 213.46 | 71.15 |  |
| 4036[起居室] | 105.50 | 36.45 | 81.96 |
| 4037[卧室] | 48.25 | 16.06 | 87.89 |
| 4043[卧室] | 39.30 | 12.53 | 110.73 |
| 户:1-Z | 213.46 | 71.15 |  |
| 4026[卧室] | 39.30 | 12.53 | 129.46 |
| 4030[卧室] | 48.25 | 16.06 | 88.33 |
| 户:1-Z | 213.46 | 71.15 |  |
| 4054[卧室] | 39.30 | 12.53 | 75.33 |
| 4057[起居室] | 105.50 | 36.45 | 111.54 |
| 4061[卧室] | 48.25 | 16.06 | 110.98 |
| 户:1-Z | 213.46 | 71.15 |  |
| 4070[卧室] | 39.30 | 12.53 | 123.94 |
| 4071[起居室] | 105.50 | 36.45 | 77.89 |
| 4072[卧室] | 48.25 | 16.06 | 134.42 |
| 户:1-Z | 140.50 | 46.83 |  |
| 4034[起居室] | 54.14 | 18.05 | 91.02 |
| 4038[卧室] | 24.72 | 8.24 | 72.38 |
| 4040[卧室] | 45.79 | 15.26 | 72.77 |
| 第5层 |  |  |  |
| 户:1-G | 754.64 | 251.55 |  |
| 5001[卧室] | 37.44 | 12.48 | 163.84 |
| 5002[卧室] | 40.37 | 13.46 | 228.19 |
| 5003[起居室] | 42.17 | 14.06 | 173.94 |
| 5004[卧室] | 26.35 | 8.78 | 128.81 |
| 5005[起居室] | 42.17 | 14.06 | 175.80 |
| 5006[起居室] | 53.17 | 17.72 | 89.93 |
| 5007[卧室] | 40.37 | 13.46 | 241.45 |
| 5008[卧室] | 20.99 | 7.00 | 95.23 |
| 5009[卧室] | 40.37 | 13.46 | 247.67 |
| 5012[起居室] | 42.17 | 14.06 | 201.22 |
| 5014[卧室] | 20.99 | 7.00 | 102.58 |
| 5016[起居室] | 54.14 | 18.05 | 100.03 |
| 5017[卧室] | 20.99 | 7.00 | 122.70 |
| 5018[卧室] | 24.72 | 8.24 | 76.19 |
| 5021[卧室] | 45.79 | 15.26 | 80.91 |
| 5024[卧室] | 45.79 | 15.26 | 76.90 |
| 5025[卧室] | 24.72 | 8.24 | 69.09 |
| 5027[起居室] | 54.14 | 18.05 | 77.77 |
| 户:1-J | 426.16 | 142.05 |  |
| 5044[卧室] | 39.30 | 12.53 | 191.84 |
| 5045[卧室] | 39.30 | 12.53 | 197.38 |
| 5047[起居室] | 105.38 | 36.45 | 140.43 |
| 5048[起居室] | 105.50 | 36.45 | 177.46 |
| 5051[卧室] | 48.25 | 16.06 | 184.99 |
| 5052[卧室] | 48.25 | 16.06 | 215.37 |
| 户:1-Q | 426.16 | 142.05 |  |
| 5054[卧室] | 39.30 | 12.53 | 52.91 |
| 5055[起居室] | 105.38 | 36.45 | 84.59 |
| 5056[卧室] | 39.30 | 12.53 | 45.17 |
| 5058[卧室] | 48.25 | 16.06 | 42.21 |
| 5059[卧室] | 48.25 | 16.06 | 40.00 |
| 5060[起居室] | 105.50 | 36.45 | 33.03 |
| 户:1-Z | 215.04 | 71.68 |  |
| 5033[卧室] | 45.16 | 14.88 | 152.44 |
| 5036[起居室] | 106.17 | 36.44 | 75.06 |
| 5039[卧室] | 45.27 | 14.90 | 75.44 |
| 户:1-Z | 214.26 | 71.42 |  |
| 5029[卧室] | 49.62 | 16.50 | 145.58 |
| 5032[卧室] | 38.52 | 12.33 | 94.04 |
| 5034[起居室] | 105.71 | 36.47 | 104.12 |
| 户:1-Z | 213.46 | 71.15 |  |
| 5022[卧室] | 56.38 | 12.53 | 97.52 |
| 5026[卧室] | 72.26 | 16.06 | 55.12 |
| 户:1-Z | 213.46 | 71.15 |  |
| 5046[卧室] | 39.30 | 12.53 | 115.97 |
| 5049[起居室] | 105.50 | 36.45 | 132.93 |
| 5053[卧室] | 48.25 | 16.06 | 130.50 |
| 户:1-Z | 213.46 | 71.15 |  |
| 5031[卧室] | 48.25 | 16.06 | 118.30 |
| 5035[卧室] | 39.30 | 12.53 | 84.74 |
| 户:1-Z | 213.46 | 71.15 |  |
| 5062[卧室] | 39.30 | 12.53 | 107.49 |
| 5063[起居室] | 105.50 | 36.45 | 48.64 |
| 5064[卧室] | 48.25 | 16.06 | 43.21 |
| 第6层 |  |  |  |
| 户:1-M | 426.16 | 142.05 |  |
| 6034[卧室] | 39.30 | 12.53 | 49.37 |
| 6035[起居室] | 105.38 | 36.45 | 83.68 |
| 6036[卧室] | 39.30 | 12.53 | 32.13 |
| 6038[卧室] | 48.25 | 16.06 | 39.99 |
| 6039[卧室] | 48.25 | 16.06 | 38.86 |
| 6040[起居室] | 105.50 | 36.45 | 24.15 |
| 户:1-V | 426.16 | 142.05 |  |
| 6024[卧室] | 39.30 | 12.53 | 189.49 |
| 6025[卧室] | 39.30 | 12.53 | 199.09 |
| 6027[起居室] | 105.38 | 36.45 | 137.72 |
| 6028[起居室] | 105.50 | 36.45 | 179.49 |
| 6031[卧室] | 48.25 | 16.06 | 185.23 |
| 6032[卧室] | 48.25 | 16.06 | 216.71 |
| 户:1-Y | 269.90 | 89.97 |  |
| 6001[卧室] | 37.44 | 12.48 | 161.06 |
| 6002[卧室] | 26.35 | 8.78 | 130.12 |
| 6003[起居室] | 53.17 | 17.72 | 79.91 |
| 6006[起居室] | 54.14 | 18.05 | 79.40 |
| 6007[卧室] | 24.72 | 8.24 | 61.40 |
| 6008[卧室] | 45.79 | 15.26 | 72.28 |
| 户:1-Z | 215.04 | 71.68 |  |
| 6013[卧室] | 45.16 | 14.88 | 167.98 |
| 6016[起居室] | 106.17 | 36.44 | 67.22 |
| 6019[卧室] | 45.27 | 14.90 | 65.15 |
| 户:1-Z | 214.26 | 71.42 |  |
| 6009[卧室] | 49.62 | 16.50 | 152.77 |
| 6012[卧室] | 38.52 | 12.33 | 94.56 |
| 6014[起居室] | 105.71 | 36.47 | 107.56 |
| 户:1-Z | 213.46 | 71.15 |  |
| 6011[卧室] | 48.17 | 16.06 | 159.12 |
| 6015[卧室] | 37.58 | 12.53 | 114.94 |
| 户:1-Z | 213.46 | 71.15 |  |
| 6026[卧室] | 39.30 | 12.53 | 140.60 |
| 6029[起居室] | 105.50 | 36.45 | 142.98 |
| 6033[卧室] | 48.25 | 16.06 | 130.23 |
| 户:1-Z | 213.46 | 71.15 |  |
| 6042[卧室] | 37.58 | 12.53 | 65.76 |
| 6043[起居室] | 109.35 | 36.45 | 24.46 |
| 6044[卧室] | 48.17 | 16.06 | 36.74 |
| 第7层 |  |  |  |
| 户:1-S | 426.16 | 142.05 |  |
| 7022[卧室] | 39.30 | 12.53 | 46.32 |
| 7023[起居室] | 105.38 | 36.45 | 81.44 |
| 7024[卧室] | 37.58 | 12.53 | 35.87 |
| 7026[卧室] | 48.25 | 16.06 | 38.38 |
| 7027[卧室] | 48.17 | 16.06 | 32.60 |
| 7028[起居室] | 109.35 | 36.45 | 21.11 |
| 户:1-T | 426.16 | 142.05 |  |
| 7012[卧室] | 39.30 | 12.53 | 183.71 |
| 7013[卧室] | 39.30 | 12.53 | 199.44 |
| 7015[起居室] | 105.38 | 36.45 | 133.84 |
| 7016[起居室] | 105.50 | 36.45 | 180.01 |
| 7019[卧室] | 48.25 | 16.06 | 183.93 |
| 7020[卧室] | 48.25 | 16.06 | 216.37 |
| 户:1-Z | 215.04 | 71.68 |  |
| 7003[卧室] | 45.16 | 14.88 | 157.43 |
| 7005[起居室] | 106.17 | 36.44 | 79.03 |
| 7007[卧室] | 45.27 | 14.90 | 61.23 |
| 户:1-Z | 214.26 | 71.42 |  |
| 7001[卧室] | 49.62 | 16.50 | 148.17 |
| 7002[卧室] | 38.52 | 12.33 | 93.59 |
| 7004[起居室] | 105.71 | 36.47 | 107.26 |
| 户:1-Z | 213.46 | 71.15 |  |
| 7014[卧室] | 39.30 | 12.53 | 177.85 |
| 7017[起居室] | 105.50 | 36.45 | 162.16 |
| 7021[卧室] | 48.25 | 16.06 | 147.42 |
| 第8层 |  |  |  |
| 户:1-P | 426.16 | 142.05 |  |
| 8012[卧室] | 39.30 | 12.53 | 177.98 |
| 8013[卧室] | 39.30 | 12.53 | 198.58 |
| 8015[起居室] | 105.38 | 36.45 | 128.36 |
| 8016[起居室] | 105.50 | 36.45 | 172.49 |
| 8019[卧室] | 48.25 | 16.06 | 179.52 |
| 8020[卧室] | 48.25 | 16.06 | 209.74 |
| 户:1-Z | 215.04 | 71.68 |  |
| 8003[卧室] | 44.65 | 14.88 | 162.08 |
| 8005[起居室] | 109.32 | 36.44 | 84.76 |
| 8007[卧室] | 44.69 | 14.90 | 51.47 |
| 户:1-Z | 214.26 | 71.42 |  |
| 8001[卧室] | 49.51 | 16.50 | 147.57 |
| 8002[卧室] | 36.98 | 12.33 | 93.33 |
| 8004[起居室] | 109.40 | 36.47 | 97.43 |
| 户:1-Z | 213.46 | 71.15 |  |
| 8014[卧室] | 37.58 | 12.53 | 212.54 |
| 8017[起居室] | 109.35 | 36.45 | 157.82 |
| 8021[卧室] | 48.17 | 16.06 | 159.13 |
| 户:1-Z | 212.70 | 70.90 |  |
| 8022[卧室] | 39.30 | 12.53 | 45.02 |
| 8023[起居室] | 105.38 | 36.45 | 76.76 |
| 8024[卧室] | 48.25 | 16.06 | 36.73 |
| 第9层 |  |  |  |
| 户:1-Z | 212.70 | 70.90 |  |
| 9010[卧室] | 37.58 | 12.53 | 45.75 |
| 9011[起居室] | 109.35 | 36.45 | 65.17 |
| 9012[卧室] | 47.49 | 16.06 | 36.18 |
| 户:1-C | 212.70 | 70.90 |  |
| 9003[卧室] | 39.30 | 12.53 | 167.59 |
| 9005[起居室] | 105.38 | 36.45 | 136.93 |
| 9008[卧室] | 48.25 | 16.06 | 190.72 |
| 9004[卧室] | 37.58 | 12.53 | 204.59 |
| 9006[起居室] | 109.35 | 36.45 | 132.67 |
| 9009[卧室] | 48.17 | 16.06 | 199.97 |
| 第10层 |  |  |  |
| 户:1-Z | 212.70 | 70.90 |  |
| 10 002[卧室] | 37.58 | 12.53 | 188.58 |
| 10 003[起居室] | 109.35 | 36.45 | 117.79 |
| 10 004[卧室] | 48.17 | 16.06 | 64.37 |
| 第11层 |  |  |  |

# 结论

该建筑主要功能房间换气次数大于2次**/**h的面积比例为98.21%，按照绿标5.2.10条款要求得7分。