**建筑节能设计报告书**

公共建筑

甲类

|  |  |
| --- | --- |
| 工程名称 | 天津某商务楼 |
| 工程地点 | 天津-天津 |
| 设计编号 |  |
| 建设单位 |  |
| 设计单位 |  |
| 设 计 人 |  |
| 校 对 人 |  |
| 审 核 人 |  |
| 设计日期 | 2022年11月8日 |



|  |  |
| --- | --- |
| 采用软件 | 节能设计BECS2020 |
| 软件版本 | 20210101 |
| 研发单位 | 北京绿建软件股份有限公司 |
| 正版授权码 | T17600799261 |

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# 建筑概况

|  |  |  |
| --- | --- | --- |
| 工程名称 | 天津某商务城T1 | |
| 工程地点 | 天津-天津 | |
| 地理位置 | 北纬：39.00° | 东经：117.16° |
| 建筑面积 | 地上19245㎡ 地下0㎡ | |
| 建筑层数 | 地上10 地下0 | |
| 建筑高度 | 43.2m | |
| 建筑（节能计算）体积 | 83120.12 | |
| 建筑（节能计算）外表面积 | 8137.71 | |
| 北向角度 | 90 | |
| 结构类型 | 框架剪力墙结构 | |
| 外墙太阳辐射吸收系数 | 0.75 | |
| 屋顶太阳辐射吸收系数 | 0.75 | |

# 设计依据

1. 《公共建筑节能设计标准》(GB50189-2015)

2. 《民用建筑热工设计规范》(GB50176)

3. 《建筑外门窗气密，水密，抗风压性能分级及检测方法》（GB/T 7106-2008）

4. 《建筑幕墙》（GB/T 21086-2007）

# 建筑大样



立面图例



1层平面



2层平面



3,4,5,6层平面



7层平面



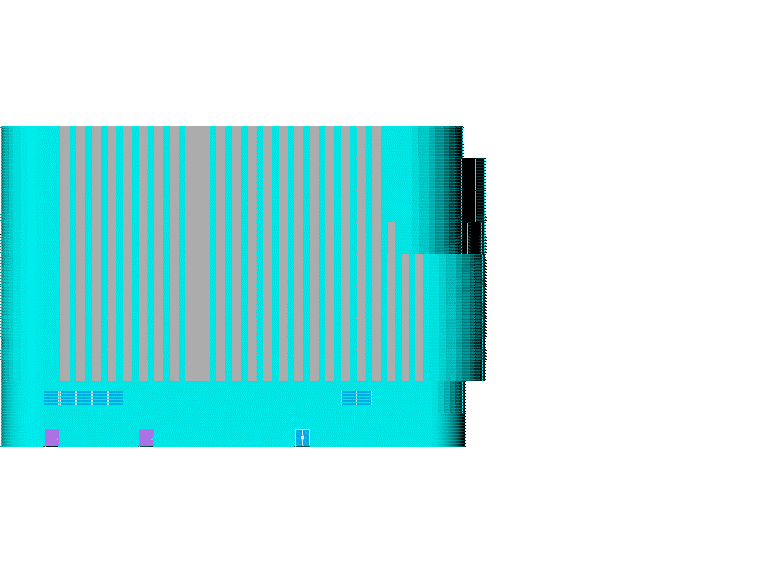
8层平面



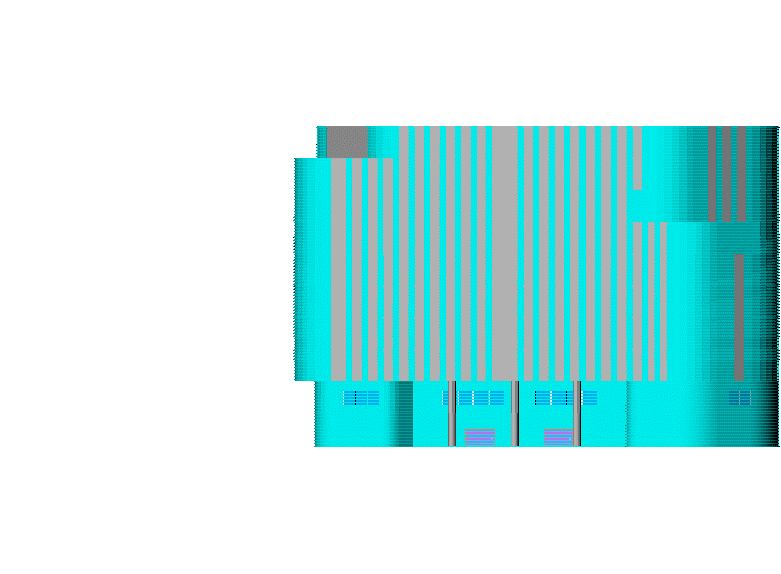
9层平面



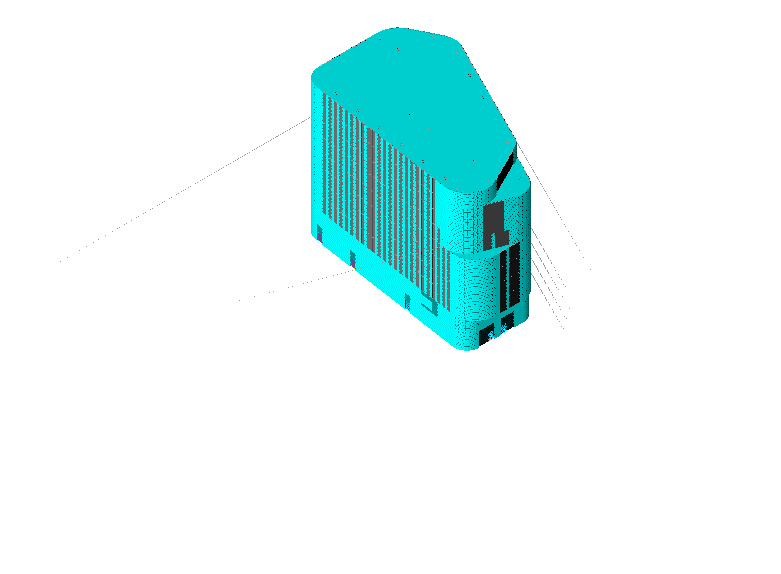
10层平面



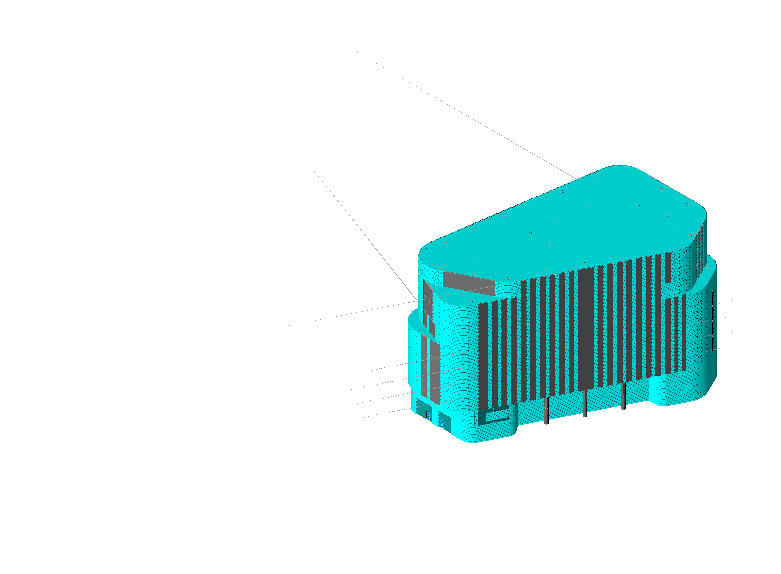
左视图



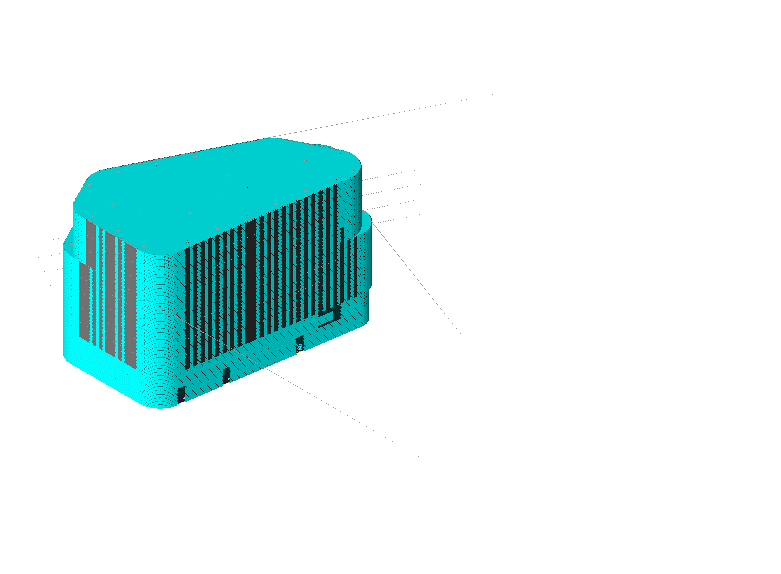
右视图



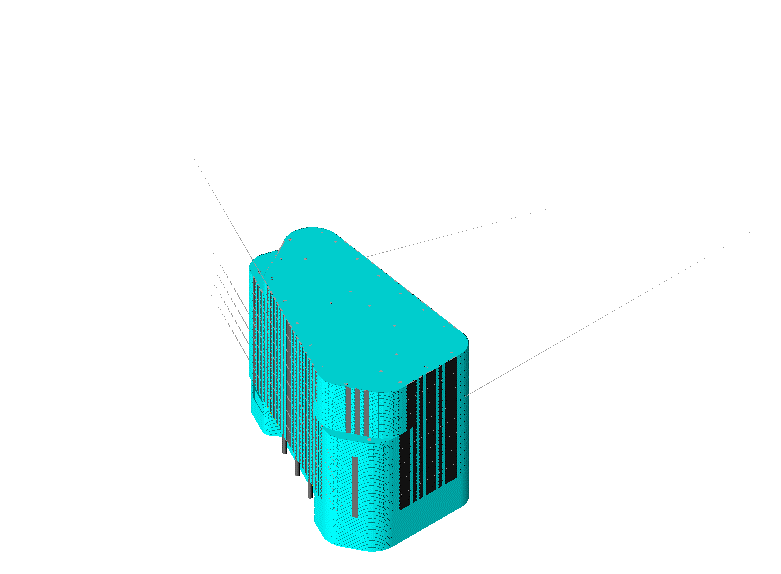
西南轴侧图



东南轴侧图



西北轴侧图



东北轴侧图

# 规定性指标检查

## 工程材料

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 | 导热系数λ | 蓄热系数S | 密度ρ | 比热容Cp | 蒸汽渗透系数u | 备注 |
| W/(m.K) | W/(㎡.K) | kg/m3 | J/(kg.K) | g/(m.h.kPa) |
| 水泥砂浆 | 0.930 | 11.370 | 1800.0 | 1050.0 | 0.0210 | 来源：《民用建筑热工设计规范》GB50176-2016 |
| 石灰砂浆 | 0.810 | 10.070 | 1600.0 | 1050.0 | 0.0443 | 来源：《民用建筑热工设计规范》GB50176-2016 |
| 钢筋混凝土 | 1.740 | 17.200 | 2500.0 | 920.0 | 0.0158 | 来源：《民用建筑热工设计规范》GB50176-2016 |
| 挤塑聚苯乙烯泡沫塑料（带表皮） | 0.030 | 0.340 | 35.0 | 1380.0 | 0.0000 | 来源：《民用建筑热工设计规范》GB50176-2016，蒸汽渗透系数没有给出 |
| 挤塑聚苯乙烯泡沫板（XPS）(ρ=30) | 0.030 | 0.540 | 30.0 | 4455.3 | 0.0000 |  |
| 混凝土多孔砖(190六孔砖） | 0.750 | 7.490 | 1450.0 | 709.4 | 0.0000 |  |
| 聚苯颗粒保温砂浆 | 0.060 | 0.950 | 230.0 | 900.0 | 0.0000 |  |
| 加气混泥土砌块 | 0.238 | 2.822 | 500.0 | 920.0 | 0.0000 |  |
| 岩棉板 | 0.040 | 0.750 | 140.0 | 920.0 | 0.0000 | 密度：140~160（kg/m3）【部位：外墙外保温、幕墙保温；K修正α=1.20;影响：吸湿】 |
| 蒸压加气混凝土砌块（干态）（普通砌筑，灰缝≤15mm） | 0.140 | 2.810 | 500.0 | 1551.1 | 0.0000 | 使用部位：墙体；K修正α=1.25;影响因素：吸湿、灰缝 |
| 混合（石灰砂浆）砂浆 | 0.870 | 10.750 | 1700.0 | 1074.4 | 0.0000 | 使用部位：墙体；K修正α=1.0 |
| 聚乙烯泡沫塑料 | 0.047 | 0.687 | 100.0 | 1380.0 | 0.0000 | 蒸汽渗透系数没有给出 |
| 挤塑聚苯板 | 0.033 | 0.347 | 28.0 | 1790.0 | 0.0000 |  |
| 岩棉带 | 0.048 | 0.750 | 100.0 | 1050.0 | 0.0000 | 密度：≥100（kg/m3）【部位：外墙外保温、防火隔离带、夹心层浇注在混凝土构件中；K修正α=1.20;影响：吸湿】 |
| 高炉炉渣 | 0.260 | 3.957 | 900.0 | 920.0 | 0.0000 |  |
| 挤塑型聚苯板(XPS)0.030\*1.1 | 0.033 | 0.514 | 100.0 | 1100.0 | 0.0000 |  |
| 灰砂加气混泥土 | 0.138 | 2.149 | 500.0 | 920.0 | 0.0000 |  |
| 轻质粘土 | 0.470 | 6.360 | 1200.0 | 1010.0 | 0.0000 |  |
| SBS改性沥青防水卷材 | 0.230 | 9.370 | 900.0 | 1620.0 | 0.0000 |  |
| 硬质聚氨酯发泡 | 0.024 | 0.360 | 35.0 | 1050.0 | 0.0000 | 密度：35~55（kg/m3）（0.033）【部位：屋面保温；K修正α=1.30;影响：环境、温度影响】 |
| 现浇钢筋混泥土 | 1.740 | 17.060 | 2500.0 | 920.0 | 0.0000 |  |
| 抗裂砂浆（网格布） | 0.930 | 11.306 | 1800.0 | 1050.0 | 0.0000 |  |

## 围护结构作法简要说明

**1. 屋顶：**屋顶构造一：（由上到下）

水泥砂浆 20mm＋聚乙烯泡沫塑料 100mm＋SBS改性沥青防水卷材 4mm＋硬质聚氨酯发泡 1mm＋水泥砂浆 20mm＋加气混泥土砌块 140mm＋钢筋混凝土 30mm

**2. 屋顶防火隔离带：**屋顶防火隔离带构造一：（由上到下）

水泥砂浆 20mm＋岩棉带 200mm＋高炉炉渣 100mm＋水泥砂浆 20mm＋钢筋混凝土 200mm＋石灰砂浆 20mm

**3. 外墙：**外墙构造一：（由外到内）

混合（石灰砂浆）砂浆 20mm＋岩棉板 100mm＋蒸压加气混凝土砌块（干态）（普通砌筑，灰缝≤15mm） 200mm＋聚乙烯泡沫塑料 40mm＋混合（石灰砂浆）砂浆 20mm

**4. 外墙防火隔离带：**外墙防火隔离带构造一：

水泥砂浆 40mm＋挤塑聚苯板 60mm＋钢筋混凝土 200mm＋混合（石灰砂浆）砂浆 20mm

**5. 热桥梁：**热桥梁构造一：（由外到内）

水泥砂浆 20mm＋挤塑聚苯乙烯泡沫塑料（带表皮） 20mm＋水泥砂浆 20mm＋钢筋混凝土 200mm＋石灰砂浆 20mm

**6. 挑空楼板构造：**挑空楼板构造一：（由上到下）

现浇钢筋混泥土 170mm＋水泥砂浆 20mm＋挤塑聚苯乙烯泡沫板（XPS）(ρ=30) 80mm＋抗裂砂浆（网格布） 6mm＋水泥砂浆 20mm

**7. 幕墙：**a.80岩棉：

传热系数0.561W/m^2.K，太阳得热系数0.870

**8. 外窗：**平均+铝合金窗框+Low-E中空玻璃(在线)+氩气层厚12mm：

传热系数0.968W/m^2.K，太阳得热系数0.261

**9. 周边地面构造：**周边地面构造一：

水泥砂浆 20mm＋钢筋混凝土 30mm＋挤塑型聚苯板(XPS)0.030\*1.1 20mm＋钢筋混凝土 60mm＋灰砂加气混泥土 150mm＋轻质粘土 20mm

## 体形系数

|  |  |
| --- | --- |
| 外表面积 | 8137.71 |
| 建筑体积 | 83120.12 |
| 体形系数 | 0.10 |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.2.1条 |
| 标准要求 | 严寒和寒冷地区体形系数应符合表3.2.1的规定(s≤0.40) |
| 结论 | 满足 |

## 窗墙比

### 窗墙比

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 窗面积(㎡) | 墙面积(㎡) | 窗墙比 | 限值 | 结论 |
| 南向 | 南-默认立面 | 533.10 | 761.99 | 0.70 | 0.70 | 适宜 |
| 北向 | 北-默认立面 | 1070.57 | 1546.20 | 0.69 | 0.70 | 适宜 |
| 东向 | 东-默认立面 | 1692.81 | 2843.06 | 0.60 | 0.70 | 适宜 |
| 西向 | 西-默认立面 | 1644.89 | 2634.06 | 0.62 | 0.70 | 适宜 |
| 标准依据 | | 《公共建筑节能设计标准》(GB50189-2015)第3.2.2条 | | | | |
| 标准要求 | | 寒冷地区甲类公共建筑各单一立面窗墙面积比 (包括透光幕墙 )均不宜大于0.70 | | | | |
| 结论 | | 适宜 | | | | |

### 外窗表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 编号 | 尺寸 | 楼层 | 数量 | 单个面积 （㎡） | 合计面积 （㎡） |
| 南向 | 南-默认立面 533.10 |  | 3.18×4.50 | 1 | 1 | 14.32 | 14.32 |
|  | 3.05×4.50 | 1 | 1 | 13.70 | 13.70 |
|  | 2.00×2.20 | 1 | 2 | 4.40 | 8.80 |
|  | 2.19×4.50 | 1 | 1 | 9.87 | 9.87 |
|  | 2.15×4.50 | 1 | 1 | 9.68 | 9.68 |
|  | 2.44×4.50 | 1 | 1 | 10.96 | 10.96 |
|  | 1.60×4.50 | 1 | 1 | 7.20 | 7.20 |
|  | 2.05×4.50 | 1 | 1 | 9.20 | 9.20 |
|  | 1.29×4.50 | 1 | 1 | 5.82 | 5.82 |
|  | 1.56×4.30 | 2 | 1 | 6.69 | 6.69 |
|  | 11.55×4.30 | 2 | 1 | 49.65 | 49.65 |
|  | 1.46×4.30 | 2 | 1 | 6.28 | 6.28 |
|  | 0.82×4.30 | 2 | 1 | 3.54 | 3.54 |
|  | 0.81×4.30 | 2 | 1 | 3.48 | 3.48 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 2.44×4.30 | 2 | 1 | 10.48 | 10.48 |
|  | 0.83×4.30 | 2 | 1 | 3.56 | 3.56 |
|  | 1.29×4.30 | 2 | 1 | 5.56 | 5.56 |
|  | 1.41×4.30 | 3~6 | 4 | 6.06 | 24.24 |
|  | 0.92×4.30 | 3 | 1 | 3.94 | 3.94 |
|  | 1.31×4.30 | 3~5 | 3 | 5.65 | 16.96 |
|  | 0.92×4.30 | 3 | 1 | 3.94 | 3.94 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.91×4.30 | 3 | 1 | 3.89 | 3.89 |
|  | 1.37×4.30 | 3 | 1 | 5.90 | 5.90 |
|  | 1.02×4.30 | 3,9 | 2 | 4.38 | 8.76 |
|  | 1.38×4.30 | 3,6~8 | 4 | 5.92 | 23.68 |
|  | 0.92×4.30 | 4~6 | 3 | 3.94 | 11.83 |
|  | 0.92×4.30 | 4~5 | 2 | 3.94 | 7.87 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 0.91×4.30 | 4~6 | 3 | 3.89 | 11.68 |
|  | 1.37×4.30 | 4~6 | 3 | 5.90 | 17.71 |
|  | 1.02×4.30 | 4~8 | 5 | 4.38 | 21.90 |
|  | 1.38×4.30 | 4~5,9 | 3 | 5.92 | 17.76 |
|  | 1.31×4.30 | 6 | 1 | 5.65 | 5.65 |
|  | 0.92×4.30 | 6 | 1 | 3.94 | 3.94 |
|  | 0.90×4.30 | 7 | 1 | 3.88 | 3.88 |
|  | 1.35×4.30 | 7 | 1 | 5.81 | 5.81 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.91×4.30 | 7 | 1 | 3.93 | 3.93 |
|  | 1.41×4.30 | 7 | 1 | 6.07 | 6.07 |
|  | 1.22×4.30 | 7 | 1 | 5.25 | 5.25 |
|  | 1.38×4.30 | 7~8 | 2 | 5.92 | 11.85 |
|  | 1.35×4.30 | 8 | 1 | 5.79 | 5.79 |
|  | 1.34×4.30 | 8~9 | 2 | 5.76 | 11.52 |
|  | 0.91×4.30 | 8 | 1 | 3.93 | 3.93 |
|  | 2.31×4.30 | 8 | 1 | 9.94 | 9.94 |
|  | 1.22×4.30 | 8 | 1 | 5.24 | 5.24 |
|  | 0.91×4.30 | 9 | 1 | 3.93 | 3.93 |
|  | 1.35×4.30 | 9 | 1 | 5.79 | 5.79 |
|  | 2.31×4.30 | 9 | 1 | 9.94 | 9.94 |
|  | 1.22×4.30 | 9 | 1 | 5.24 | 5.24 |
|  | 1.38×4.30 | 9 | 1 | 5.92 | 5.92 |
|  | 1.19×4.30 | 10 | 1 | 5.11 | 5.11 |
|  | 0.91×4.30 | 10 | 1 | 3.92 | 3.92 |
|  | 0.93×4.30 | 10 | 1 | 3.98 | 3.98 |
|  | 0.99×4.30 | 10 | 1 | 4.25 | 4.25 |
|  | 0.93×4.30 | 10 | 1 | 4.00 | 4.00 |
|  | 1.02×4.30 | 10 | 1 | 4.37 | 4.37 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 1.05×4.30 | 10 | 1 | 4.52 | 4.52 |
|  | 0.89×4.30 | 10 | 1 | 3.82 | 3.82 |
| 北向 | 北-默认立面 1070.57 |  | 2.10×4.50 | 1 | 1 | 9.45 | 9.45 |
|  | 10.50×4.50 | 1 | 1 | 47.25 | 47.25 |
|  | 5.03×4.50 | 1 | 1 | 22.65 | 22.65 |
|  | 4.66×4.50 | 1 | 1 | 20.95 | 20.95 |
|  | 2.41×4.50 | 1 | 1 | 10.83 | 10.83 |
|  | 2.39×4.50 | 1 | 3 | 10.73 | 32.20 |
|  | 2.30×4.50 | 1 | 3 | 10.35 | 31.05 |
|  | 2.10×4.30 | 2 | 1 | 9.03 | 9.03 |
|  | 4.66×4.30 | 2 | 1 | 20.02 | 20.02 |
|  | 2.42×4.30 | 2 | 1 | 10.42 | 10.42 |
|  | 15.53×4.30 | 2 | 1 | 66.80 | 66.80 |
|  | 2.38×4.30 | 2 | 3 | 10.25 | 30.76 |
|  | 2.30×4.30 | 2 | 3 | 9.89 | 29.67 |
|  | 1.39×4.30 | 3~6 | 4 | 5.96 | 23.86 |
|  | 0.92×4.30 | 3 | 1 | 3.95 | 3.95 |
|  | 1.39×4.30 | 3 | 1 | 5.98 | 5.98 |
|  | 0.92×4.30 | 3 | 1 | 3.95 | 3.95 |
|  | 1.39×4.30 | 3 | 1 | 5.98 | 5.98 |
|  | 0.92×4.30 | 3 | 1 | 3.95 | 3.95 |
|  | 1.37×4.30 | 3 | 1 | 5.90 | 5.90 |
|  | 1.02×4.30 | 3,9 | 3 | 4.38 | 13.14 |
|  | 1.38×4.30 | 3,9 | 2 | 5.92 | 11.84 |
|  | 1.38×4.30 | 3 | 1 | 5.92 | 5.92 |
|  | 1.01×4.30 | 3~6 | 4 | 4.36 | 17.43 |
|  | 2.33×4.30 | 3 | 1 | 10.03 | 10.03 |
|  | 0.90×4.30 | 3,9 | 3 | 3.87 | 11.61 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3,9 | 3 | 3.87 | 11.61 |
|  | 1.11×4.30 | 3 | 1 | 4.75 | 4.75 |
|  | 0.92×4.30 | 4~6 | 3 | 3.95 | 11.84 |
|  | 1.39×4.30 | 4~6 | 3 | 5.98 | 17.94 |
|  | 0.92×4.30 | 4~6 | 3 | 3.95 | 11.84 |
|  | 1.39×4.30 | 4~6 | 3 | 5.98 | 17.94 |
|  | 0.92×4.30 | 4~6 | 3 | 3.95 | 11.84 |
|  | 1.37×4.30 | 4~6 | 3 | 5.90 | 17.71 |
|  | 1.02×4.30 | 4~6 | 3 | 4.38 | 13.14 |
|  | 1.38×4.30 | 4~6,8 | 4 | 5.92 | 23.68 |
|  | 1.02×4.30 | 4~6,8 | 4 | 4.38 | 17.52 |
|  | 1.38×4.30 | 4~6 | 3 | 5.92 | 17.76 |
|  | 2.33×4.30 | 4~6 | 3 | 10.03 | 30.08 |
|  | 0.90×4.30 | 4~8,10 | 22 | 3.87 | 85.14 |
|  | 0.90×4.30 | 4~7 | 4 | 3.87 | 15.48 |
|  | 1.11×4.30 | 4~6 | 3 | 4.75 | 14.26 |
|  | 2.32×4.30 | 7 | 1 | 9.99 | 9.99 |
|  | 1.02×4.30 | 7 | 1 | 4.39 | 4.39 |
|  | 1.39×4.30 | 7 | 1 | 6.00 | 6.00 |
|  | 1.02×4.30 | 7 | 1 | 4.38 | 4.38 |
|  | 1.34×4.30 | 7 | 1 | 5.76 | 5.76 |
|  | 1.03×4.30 | 7 | 1 | 4.44 | 4.44 |
|  | 0.95×4.30 | 7 | 1 | 4.10 | 4.10 |
|  | 1.37×4.30 | 7 | 1 | 5.90 | 5.90 |
|  | 0.94×4.30 | 7 | 1 | 4.02 | 4.02 |
|  | 1.36×4.30 | 7 | 1 | 5.83 | 5.83 |
|  | 0.92×4.30 | 7 | 1 | 3.95 | 3.95 |
|  | 1.39×4.30 | 7 | 1 | 5.99 | 5.99 |
|  | 1.12×4.30 | 7 | 1 | 4.80 | 4.80 |
|  | 0.05×4.30 | 8 | 1 | 0.23 | 0.23 |
|  | 1.39×4.30 | 8 | 1 | 5.98 | 5.98 |
|  | 1.39×4.30 | 8 | 1 | 5.98 | 5.98 |
|  | 1.09×4.30 | 8 | 1 | 4.71 | 4.71 |
|  | 1.34×4.30 | 8 | 1 | 5.78 | 5.78 |
|  | 0.92×4.30 | 8 | 1 | 3.95 | 3.95 |
|  | 0.92×4.30 | 8 | 1 | 3.95 | 3.95 |
|  | 0.92×4.30 | 8 | 1 | 3.95 | 3.95 |
|  | 1.37×4.30 | 8 | 1 | 5.90 | 5.90 |
|  | 1.02×4.30 | 8 | 1 | 4.38 | 4.38 |
|  | 1.38×4.30 | 8 | 1 | 5.92 | 5.92 |
|  | 1.02×4.30 | 8~9 | 2 | 4.39 | 8.78 |
|  | 1.46×4.30 | 8 | 1 | 6.30 | 6.30 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 1.09×4.30 | 9 | 1 | 4.71 | 4.71 |
|  | 1.40×4.30 | 9 | 1 | 6.01 | 6.01 |
|  | 0.92×4.30 | 9 | 1 | 3.95 | 3.95 |
|  | 1.39×4.30 | 9 | 2 | 5.98 | 11.96 |
|  | 0.92×4.30 | 9 | 1 | 3.95 | 3.95 |
|  | 0.92×4.30 | 9 | 1 | 3.95 | 3.95 |
|  | 1.37×4.30 | 9 | 1 | 5.90 | 5.90 |
|  | 1.02×4.30 | 9 | 1 | 4.38 | 4.38 |
|  | 1.38×4.30 | 9 | 1 | 5.92 | 5.92 |
|  | 1.46×4.30 | 9 | 1 | 6.30 | 6.30 |
|  | 0.90×4.30 | 9 | 2 | 3.87 | 7.74 |
|  | 1.47×4.30 | 10 | 1 | 6.32 | 6.32 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 1.10×4.30 | 10 | 1 | 4.73 | 4.73 |
|  | 1.04×4.30 | 10 | 1 | 4.45 | 4.45 |
|  | 1.36×4.30 | 10 | 1 | 5.84 | 5.84 |
|  | 1.04×4.30 | 10 | 1 | 4.46 | 4.46 |
|  | 1.34×4.30 | 10 | 1 | 5.76 | 5.76 |
|  | 1.05×4.30 | 10 | 1 | 4.54 | 4.54 |
|  | 1.35×4.30 | 10 | 1 | 5.80 | 5.80 |
|  | 0.92×4.30 | 10 | 1 | 3.95 | 3.95 |
|  | 1.41×4.30 | 10 | 1 | 6.05 | 6.05 |
|  | 0.94×4.30 | 10 | 1 | 4.02 | 4.02 |
|  | 1.39×4.30 | 10 | 1 | 5.98 | 5.98 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 1.39×4.30 | 10 | 1 | 5.99 | 5.99 |
| 东向 | 东-默认立面 1692.81 |  | 0.24×4.50 | 1 | 1 | 1.08 | 1.08 |
|  | 3.60×4.50 | 1 | 1 | 16.20 | 16.20 |
|  | 4.50×2.20 | 1 | 1 | 9.90 | 9.90 |
|  | 8.04×4.50 | 1 | 1 | 36.19 | 36.19 |
|  | 7.96×4.50 | 1 | 1 | 35.80 | 35.80 |
|  | 4.50×2.20 | 1 | 1 | 9.90 | 9.90 |
|  | 3.69×4.50 | 1 | 1 | 16.62 | 16.62 |
|  | 5.26×4.50 | 1 | 1 | 23.66 | 23.66 |
|  | 5.52×4.50 | 1 | 1 | 24.85 | 24.85 |
|  | 7.42×4.50 | 1 | 1 | 33.39 | 33.39 |
|  | 2.05×4.50 | 1 | 1 | 9.20 | 9.20 |
|  | 1.06×4.50 | 1 | 1 | 4.77 | 4.77 |
|  | 1.32×4.50 | 1 | 1 | 5.94 | 5.94 |
|  | 1.29×4.50 | 1 | 1 | 5.82 | 5.82 |
|  | 2.00×4.50 | 1 | 3 | 9.01 | 27.02 |
|  | 0.66×4.30 | 2 | 1 | 2.83 | 2.83 |
|  | 0.55×4.30 | 2 | 1 | 2.36 | 2.36 |
|  | 0.82×4.30 | 2 | 1 | 3.54 | 3.54 |
|  | 0.82×4.30 | 2 | 1 | 3.54 | 3.54 |
|  | 0.82×4.30 | 2 | 1 | 3.54 | 3.54 |
|  | 2.36×4.30 | 2 | 1 | 10.16 | 10.16 |
|  | 2.30×0.93 | 2 | 4 | 2.14 | 8.56 |
|  | 2.30×1.20 | 2 | 4 | 2.76 | 11.04 |
|  | 0.06×4.30 | 2 | 1 | 0.25 | 0.25 |
|  | 0.04×4.30 | 2 | 1 | 0.19 | 0.19 |
|  | 0.06×4.30 | 2 | 1 | 0.27 | 0.27 |
|  | 4.28×4.30 | 2 | 1 | 18.39 | 18.39 |
|  | 0.14×4.30 | 2 | 1 | 0.62 | 0.62 |
|  | 4.27×4.30 | 2 | 1 | 18.38 | 18.38 |
|  | 2.30×0.93 | 2 | 4 | 2.14 | 8.56 |
|  | 2.30×1.20 | 2 | 4 | 2.76 | 11.04 |
|  | 0.06×4.30 | 2 | 1 | 0.28 | 0.28 |
|  | 0.05×4.30 | 2 | 1 | 0.20 | 0.20 |
|  | 0.06×4.30 | 2 | 1 | 0.24 | 0.24 |
|  | 2.36×4.30 | 2 | 1 | 10.17 | 10.17 |
|  | 1.38×4.30 | 2 | 1 | 5.93 | 5.93 |
|  | 0.01×4.30 | 2 | 1 | 0.06 | 0.06 |
|  | 1.80×0.93 | 2 | 3 | 1.67 | 5.02 |
|  | 1.80×1.20 | 2 | 3 | 2.16 | 6.48 |
|  | 0.05×4.30 | 2 | 1 | 0.22 | 0.22 |
|  | 0.07×4.30 | 2 | 1 | 0.31 | 0.31 |
|  | 1.87×4.30 | 2 | 1 | 8.05 | 8.05 |
|  | 0.14×4.30 | 2 | 1 | 0.62 | 0.62 |
|  | 4.14×4.30 | 2 | 1 | 17.82 | 17.82 |
|  | 0.05×4.30 | 2 | 1 | 0.21 | 0.21 |
|  | 1.68×0.93 | 2 | 2 | 1.56 | 3.13 |
|  | 1.68×1.20 | 2 | 2 | 2.02 | 4.03 |
|  | 0.02×0.93 | 2 | 1 | 0.02 | 0.02 |
|  | 0.02×1.20 | 2 | 1 | 0.02 | 0.02 |
|  | 1.67×4.30 | 2 | 1 | 7.18 | 7.18 |
|  | 0.24×4.30 | 2 | 1 | 1.03 | 1.03 |
|  | 0.55×4.30 | 2 | 1 | 2.36 | 2.36 |
|  | 0.66×4.30 | 2 | 1 | 2.83 | 2.83 |
|  | 1.29×4.30 | 2 | 1 | 5.56 | 5.56 |
|  | 2.05×4.30 | 2 | 3 | 8.83 | 26.48 |
|  | 1.02×4.30 | 3,9 | 2 | 4.38 | 8.76 |
|  | 1.38×4.30 | 3 | 1 | 5.92 | 5.92 |
|  | 1.01×4.30 | 3~5 | 3 | 4.36 | 13.07 |
|  | 1.40×4.30 | 3 | 1 | 6.04 | 6.04 |
|  | 0.90×4.30 | 3~5,9 | 5 | 3.87 | 19.35 |
|  | 0.90×4.30 | 3,8~9 | 11 | 3.87 | 42.57 |
|  | 0.90×4.30 | 3~6 | 4 | 3.87 | 15.48 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3~6 | 7 | 3.87 | 27.09 |
|  | 1.05×4.30 | 3~7 | 6 | 4.51 | 27.04 |
|  | 0.90×4.30 | 3,6 | 2 | 3.87 | 7.74 |
|  | 1.05×4.30 | 3 | 1 | 4.51 | 4.51 |
|  | 0.90×4.30 | 3~8 | 19 | 3.87 | 73.53 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3~5,8~9 | 5 | 3.87 | 19.35 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3~6 | 4 | 3.89 | 15.55 |
|  | 1.09×4.30 | 3 | 1 | 4.68 | 4.68 |
|  | 0.92×4.30 | 3,6 | 2 | 3.94 | 7.87 |
|  | 1.09×4.30 | 3 | 1 | 4.69 | 4.69 |
|  | 0.92×4.30 | 3,6,8 | 3 | 3.94 | 11.81 |
|  | 1.09×4.30 | 3 | 1 | 4.69 | 4.69 |
|  | 0.91×4.30 | 3 | 1 | 3.92 | 3.92 |
|  | 2.63×4.30 | 3 | 1 | 11.32 | 11.32 |
|  | 1.21×4.30 | 3 | 1 | 5.18 | 5.18 |
|  | 1.02×4.30 | 4~8 | 5 | 4.38 | 21.90 |
|  | 1.38×4.30 | 4~6 | 3 | 5.92 | 17.76 |
|  | 1.40×4.30 | 4~7 | 4 | 6.04 | 24.15 |
|  | 0.90×4.30 | 4~6,10 | 9 | 3.87 | 34.83 |
|  | 0.90×4.30 | 4~8 | 22 | 3.87 | 85.14 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 1.05×4.30 | 4~5 | 2 | 4.51 | 9.01 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 1.09×4.30 | 4~6 | 3 | 4.68 | 14.04 |
|  | 0.92×4.30 | 4~5 | 2 | 3.94 | 7.87 |
|  | 1.09×4.30 | 4~6 | 3 | 4.69 | 14.08 |
|  | 0.92×4.30 | 4~5,9 | 3 | 3.94 | 11.81 |
|  | 1.09×4.30 | 4~6 | 3 | 4.69 | 14.08 |
|  | 0.91×4.30 | 4~6 | 3 | 3.92 | 11.76 |
|  | 2.63×4.30 | 4~6 | 3 | 11.32 | 33.95 |
|  | 1.21×4.30 | 4~6 | 3 | 5.18 | 15.55 |
|  | 1.01×4.30 | 6 | 1 | 4.36 | 4.36 |
|  | 1.38×4.30 | 7 | 1 | 5.92 | 5.92 |
|  | 1.01×4.30 | 7 | 1 | 4.36 | 4.36 |
|  | 0.90×4.30 | 7,10 | 5 | 3.87 | 19.35 |
|  | 1.05×4.30 | 7~8 | 2 | 4.51 | 9.01 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.93×4.30 | 7 | 1 | 4.00 | 4.00 |
|  | 6.63×4.30 | 7 | 1 | 28.51 | 28.51 |
|  | 0.92×4.30 | 7 | 1 | 3.94 | 3.94 |
|  | 1.11×4.30 | 7 | 1 | 4.76 | 4.76 |
|  | 0.88×4.30 | 7 | 1 | 3.80 | 3.80 |
|  | 1.09×4.30 | 7 | 1 | 4.69 | 4.69 |
|  | 0.95×4.30 | 7 | 1 | 4.07 | 4.07 |
|  | 1.05×4.30 | 7 | 1 | 4.50 | 4.50 |
|  | 2.32×4.30 | 8 | 1 | 9.98 | 9.98 |
|  | 1.35×4.30 | 8 | 1 | 5.81 | 5.81 |
|  | 1.38×4.30 | 8 | 1 | 5.92 | 5.92 |
|  | 1.01×4.30 | 8 | 1 | 4.32 | 4.32 |
|  | 1.41×4.30 | 8 | 1 | 6.07 | 6.07 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8~9 | 2 | 3.87 | 7.74 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 1.05×4.30 | 8~9 | 2 | 4.51 | 9.01 |
|  | 0.90×4.30 | 8~9 | 2 | 3.87 | 7.74 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.84×4.30 | 8 | 1 | 3.60 | 3.60 |
|  | 0.92×4.30 | 8 | 1 | 3.95 | 3.95 |
|  | 1.09×4.30 | 8 | 1 | 4.69 | 4.69 |
|  | 1.09×4.30 | 8~9 | 2 | 4.69 | 9.39 |
|  | 0.91×4.30 | 8 | 1 | 3.91 | 3.91 |
|  | 2.21×4.30 | 8 | 1 | 9.50 | 9.50 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8~9 | 2 | 3.87 | 7.74 |
|  | 0.91×4.30 | 8 | 1 | 3.89 | 3.89 |
|  | 1.38×4.30 | 9 | 1 | 5.92 | 5.92 |
|  | 1.01×4.30 | 9 | 1 | 4.32 | 4.32 |
|  | 1.41×4.30 | 9 | 1 | 6.07 | 6.07 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 2 | 3.87 | 7.74 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 1.05×4.30 | 9 | 1 | 4.51 | 4.51 |
|  | 0.91×4.30 | 9 | 1 | 3.92 | 3.92 |
|  | 1.25×4.30 | 9 | 1 | 5.39 | 5.39 |
|  | 0.92×4.30 | 9 | 1 | 3.95 | 3.95 |
|  | 1.09×4.30 | 9 | 1 | 4.69 | 4.69 |
|  | 0.91×4.30 | 9 | 1 | 3.91 | 3.91 |
|  | 2.21×4.30 | 9 | 1 | 9.50 | 9.50 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.91×4.30 | 9 | 1 | 3.89 | 3.89 |
|  | 1.20×4.30 | 10 | 1 | 5.16 | 5.16 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 1.05×4.30 | 10 | 2 | 4.51 | 9.01 |
|  | 0.91×4.30 | 10 | 1 | 3.90 | 3.90 |
|  | 2.20×4.30 | 10 | 1 | 9.48 | 9.48 |
|  | 0.90×4.30 | 10 | 2 | 3.87 | 7.74 |
|  | 0.91×4.30 | 10 | 1 | 3.92 | 3.92 |
|  | 1.35×4.30 | 10 | 1 | 5.79 | 5.79 |
|  | 0.83×4.30 | 10 | 1 | 3.58 | 3.58 |
|  | 1.17×4.30 | 10 | 1 | 5.02 | 5.02 |
|  | 0.94×4.30 | 10 | 1 | 4.03 | 4.03 |
|  | 1.07×4.30 | 10 | 1 | 4.60 | 4.60 |
|  | 0.92×4.30 | 10 | 1 | 3.98 | 3.98 |
|  | 1.26×4.30 | 10 | 1 | 5.40 | 5.40 |
|  | 1.38×4.30 | 10 | 1 | 5.93 | 5.93 |
|  | 1.22×4.30 | 10 | 1 | 5.25 | 5.25 |
| C1721 | 1.68×2.17 | 2 | 1 | 3.65 | 3.65 |
| C1721 | 0.02×2.17 | 2 | 1 | 0.04 | 0.04 |
| C1721 | 1.68×2.17 | 2 | 1 | 3.65 | 3.65 |
| C1821 | 1.80×2.17 | 2 | 1 | 3.91 | 3.91 |
| C1821 | 1.80×2.17 | 2 | 2 | 3.91 | 7.81 |
| C2321 | 2.30×2.17 | 2 | 7 | 4.99 | 34.94 |
| C2321 | 2.30×2.17 | 2 | 1 | 4.99 | 4.99 |
| 西向 | 西-默认立面 1644.89 |  | 16.71×4.50 | 1 | 1 | 75.19 | 75.19 |
|  | 2.00×2.20 | 1 | 1 | 4.40 | 4.40 |
|  | 0.13×4.50 | 1 | 1 | 0.56 | 0.56 |
|  | 4.25×4.50 | 1 | 1 | 19.11 | 19.11 |
|  | 0.04×4.50 | 1 | 1 | 0.19 | 0.19 |
|  | 2.00×2.20 | 1 | 1 | 4.40 | 4.40 |
|  | 2.20×4.50 | 1 | 1 | 9.89 | 9.89 |
|  | 2.12×4.50 | 1 | 1 | 9.56 | 9.56 |
|  | 10.62×4.50 | 1 | 1 | 47.79 | 47.79 |
|  | 0.18×4.50 | 1 | 1 | 0.80 | 0.80 |
|  | 2.00×2.20 | 1 | 1 | 4.40 | 4.40 |
|  | 10.85×4.50 | 1 | 1 | 48.80 | 48.80 |
|  | 1.60×4.50 | 1 | 3 | 7.20 | 21.59 |
|  | 2.30×4.50 | 1 | 1 | 10.35 | 10.35 |
|  | 2.14×4.30 | 2 | 1 | 9.20 | 9.20 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 6.38×4.30 | 2 | 1 | 27.42 | 27.42 |
|  | 2.10×0.93 | 2 | 5 | 1.95 | 9.77 |
|  | 2.10×1.20 | 2 | 5 | 2.52 | 12.60 |
|  | 0.02×4.30 | 2 | 1 | 0.06 | 0.06 |
|  | 0.08×4.30 | 2 | 1 | 0.33 | 0.33 |
|  | 0.11×4.30 | 2 | 1 | 0.46 | 0.46 |
|  | 0.17×4.30 | 2 | 1 | 0.71 | 0.71 |
|  | 0.06×4.30 | 2 | 1 | 0.25 | 0.25 |
|  | 2.08×4.30 | 2 | 1 | 8.93 | 8.93 |
|  | 8.49×4.30 | 2 | 1 | 36.52 | 36.52 |
|  | 4.25×4.30 | 2 | 1 | 18.28 | 18.28 |
|  | 2.18×4.30 | 2 | 1 | 9.39 | 9.39 |
|  | 2.09×0.93 | 2 | 2 | 1.94 | 3.88 |
|  | 2.09×1.20 | 2 | 2 | 2.51 | 5.01 |
|  | 0.01×0.93 | 2 | 1 | 0.01 | 0.01 |
|  | 0.01×1.20 | 2 | 1 | 0.01 | 0.01 |
|  | 6.38×4.30 | 2 | 1 | 27.43 | 27.43 |
|  | 6.08×4.30 | 2 | 1 | 26.14 | 26.14 |
|  | 0.80×4.30 | 2 | 1 | 3.46 | 3.46 |
|  | 2.30×4.30 | 2 | 1 | 9.89 | 9.89 |
|  | 1.39×4.30 | 3 | 1 | 5.98 | 5.98 |
|  | 0.92×4.30 | 3 | 1 | 3.95 | 3.95 |
|  | 2.26×4.30 | 3 | 1 | 9.72 | 9.72 |
|  | 0.90×4.30 | 3~8 | 31 | 3.87 | 119.97 |
|  | 0.90×4.30 | 3~8 | 47 | 3.87 | 181.89 |
|  | 0.90×4.30 | 3~5,8~9 | 22 | 3.87 | 85.14 |
|  | 0.90×4.30 | 3~5,8~9 | 20 | 3.87 | 77.40 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3~6,8,10 | 12 | 3.87 | 46.44 |
|  | 0.90×4.30 | 3 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 3~7 | 7 | 3.87 | 27.09 |
|  | 0.91×4.30 | 3 | 1 | 3.89 | 3.89 |
|  | 1.31×4.30 | 3~6 | 4 | 5.64 | 22.55 |
|  | 0.92×4.30 | 3 | 1 | 3.94 | 3.94 |
|  | 1.31×4.30 | 3,6 | 2 | 5.65 | 11.30 |
|  | 0.92×4.30 | 3 | 1 | 3.94 | 3.94 |
|  | 1.31×4.30 | 3~5 | 3 | 5.65 | 16.96 |
|  | 0.92×4.30 | 3 | 1 | 3.94 | 3.94 |
|  | 1.31×4.30 | 3 | 1 | 5.65 | 5.65 |
|  | 1.39×4.30 | 4~6 | 3 | 5.98 | 17.94 |
|  | 0.92×4.30 | 4~6 | 3 | 3.95 | 11.86 |
|  | 2.26×4.30 | 4~6 | 3 | 9.72 | 29.16 |
|  | 0.90×4.30 | 4~6 | 3 | 3.87 | 11.61 |
|  | 0.91×4.30 | 4~5 | 2 | 3.89 | 7.78 |
|  | 0.92×4.30 | 4~6 | 3 | 3.94 | 11.83 |
|  | 1.31×4.30 | 4~5 | 2 | 5.65 | 11.30 |
|  | 0.92×4.30 | 4~6 | 3 | 3.94 | 11.83 |
|  | 0.92×4.30 | 4~6 | 3 | 3.94 | 11.83 |
|  | 1.31×4.30 | 4~6 | 3 | 5.65 | 16.96 |
|  | 0.91×4.30 | 6 | 1 | 3.89 | 3.89 |
|  | 1.31×4.30 | 6 | 1 | 5.65 | 5.65 |
|  | 1.38×4.30 | 7 | 1 | 5.92 | 5.92 |
|  | 0.92×4.30 | 7 | 1 | 3.95 | 3.95 |
|  | 1.33×4.30 | 7 | 1 | 5.72 | 5.72 |
|  | 0.92×4.30 | 7~8 | 2 | 3.95 | 7.89 |
|  | 1.35×4.30 | 7 | 1 | 5.80 | 5.80 |
|  | 0.92×4.30 | 7 | 1 | 3.95 | 3.95 |
|  | 1.35×4.30 | 7 | 1 | 5.80 | 5.80 |
|  | 0.90×4.30 | 7 | 1 | 3.88 | 3.88 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 7 | 2 | 3.87 | 7.74 |
|  | 0.90×4.30 | 7 | 1 | 3.87 | 3.87 |
|  | 2.26×4.30 | 7 | 1 | 9.72 | 9.72 |
|  | 0.90×4.30 | 7 | 1 | 3.88 | 3.88 |
|  | 1.39×4.30 | 7 | 1 | 5.98 | 5.98 |
|  | 1.35×4.30 | 8 | 1 | 5.80 | 5.80 |
|  | 1.18×4.30 | 8 | 1 | 5.09 | 5.09 |
|  | 1.39×4.30 | 8 | 1 | 5.98 | 5.98 |
|  | 0.91×4.30 | 8 | 1 | 3.89 | 3.89 |
|  | 2.27×4.30 | 8 | 1 | 9.78 | 9.78 |
|  | 0.90×4.30 | 8 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 8~9 | 2 | 3.87 | 7.74 |
|  | 0.71×4.30 | 8 | 1 | 3.05 | 3.05 |
|  | 2.26×4.30 | 8 | 1 | 9.73 | 9.73 |
|  | 0.92×4.30 | 8 | 1 | 3.97 | 3.97 |
|  | 1.35×4.30 | 8~9 | 2 | 5.80 | 11.60 |
|  | 0.91×4.30 | 8 | 1 | 3.90 | 3.90 |
|  | 1.36×4.30 | 8 | 1 | 5.84 | 5.84 |
|  | 1.18×4.30 | 9 | 1 | 5.09 | 5.09 |
|  | 1.39×4.30 | 9 | 1 | 5.98 | 5.98 |
|  | 0.91×4.30 | 9 | 1 | 3.89 | 3.89 |
|  | 2.27×4.30 | 9 | 1 | 9.78 | 9.78 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 9 | 1 | 3.87 | 3.87 |
|  | 0.71×4.30 | 9 | 1 | 3.05 | 3.05 |
|  | 2.26×4.30 | 9 | 1 | 9.73 | 9.73 |
|  | 0.92×4.30 | 9 | 1 | 3.94 | 3.94 |
|  | 0.92×4.30 | 9 | 1 | 3.95 | 3.95 |
|  | 1.35×4.30 | 9 | 1 | 5.80 | 5.80 |
|  | 0.91×4.30 | 9 | 1 | 3.90 | 3.90 |
|  | 1.36×4.30 | 9 | 1 | 5.84 | 5.84 |
|  | 0.90×3.98 | 10 | 1 | 3.59 | 3.59 |
|  | 1.24×4.30 | 10 | 1 | 5.33 | 5.33 |
|  | 2.26×4.30 | 10 | 1 | 9.74 | 9.74 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 0.90×4.30 | 10 | 9 | 3.87 | 34.83 |
|  | 0.90×4.30 | 10 | 1 | 3.87 | 3.87 |
|  | 1.89×4.30 | 10 | 1 | 8.14 | 8.14 |
|  | 2.26×4.30 | 10 | 1 | 9.71 | 9.71 |
|  | 0.90×4.30 | 10 | 1 | 3.85 | 3.85 |
|  | 1.23×4.30 | 10 | 1 | 5.27 | 5.27 |
|  | 0.10×4.30 | 10 | 1 | 0.44 | 0.44 |
|  | 0.18×4.30 | 10 | 1 | 0.77 | 0.77 |
|  | 0.89×4.30 | 10 | 1 | 3.82 | 3.82 |
|  | 1.38×4.30 | 10 | 1 | 5.92 | 5.92 |
|  | 0.90×4.30 | 10 | 1 | 3.89 | 3.89 |
|  | 0.91×4.30 | 10 | 1 | 3.89 | 3.89 |
|  | 1.38×4.30 | 10 | 1 | 5.95 | 5.95 |
| C2121 | 2.10×2.17 | 2 | 5 | 4.56 | 22.79 |
| C2121 | 2.09×2.17 | 2 | 2 | 4.53 | 9.06 |
| C2121 | 0.01×2.17 | 2 | 1 | 0.03 | 0.03 |

## 可见光透射比

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 窗墙比 | 最不利窗编号 | 最不利透射比 | 透射比限值 |
| 南向 | 南-默认立面 | 0.70 |  | 1.00 | 0.40 |
| 北向 | 北-默认立面 | 0.69 |  | 1.00 | 0.40 |
| 东向 | 东-默认立面 | 0.60 | C1721 | 0.80 | 0.40 |
| 西向 | 西-默认立面 | 0.62 | C2121 | 0.80 | 0.40 |
| 标准依据 | | 《公共建筑节能设计标准》(GB50189-2015)第3.2.4条 | | | |
| 标准要求 | | 当窗墙面积比小于0.40时，玻璃的可见光透射比不应当小于0.6;当窗墙面积比大于等于0.40时，玻璃的可见光透射比不应当小于0.4; | | | |
| 结论 | | 满足 | | | |

## 天窗

### 天窗屋顶比

本工程无此项内容

### 天窗类型

本工程无此项内容

## 屋顶构造

### 屋顶相关构造

#### 屋顶构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由上到下） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 聚乙烯泡沫塑料 | 100 | 0.047 | 0.687 | 1.00 | 2.128 | 1.462 |
| SBS改性沥青防水卷材 | 4 | 0.230 | 9.370 | 1.00 | 0.017 | 0.163 |
| 硬质聚氨酯发泡 | 1 | 0.024 | 0.360 | 1.20 | 0.035 | 0.015 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 加气混泥土砌块 | 140 | 0.238 | 2.822 | 1.00 | 0.588 | 1.660 |
| 钢筋混凝土 | 30 | 1.740 | 17.200 | 1.00 | 0.017 | 0.297 |
| 各层之和∑ | 315 | － | － | － | 2.828 | 4.085 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.34 | | | | | |

#### 屋顶防火隔离带构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由上到下） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 岩棉带 | 200 | 0.048 | 0.750 | 1.20 | 3.472 | 3.125 |
| 高炉炉渣 | 100 | 0.260 | 3.957 | 1.00 | 0.385 | 1.522 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土 | 200 | 1.740 | 17.200 | 1.00 | 0.115 | 1.977 |
| 石灰砂浆 | 20 | 0.810 | 10.070 | 1.00 | 0.025 | 0.249 |
| 各层之和∑ | 560 | － | － | － | 4.039 | 7.362 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.24 | | | | | |

### 屋顶平均热工特性

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 构造名称 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 屋顶构造一 | 118.98 | 0.779 | 0.34 | 4.09 | 0.75 |
| 屋顶防火隔离带构造一 | 33.66 | 0.221 | 0.24 | 7.36 | 0.75 |
| 合计 | 152.64 | 1.000 | 0.31 | 4.81 | 0.75 |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.1条 | | | | |
| 标准要求 | K≤0.45,S≤0.30或K≤0.40,0.30<S≤0.50 | | | | |
| 结论 | 满足 | | | | |

## 外墙构造

### 外墙相关构造

#### 外墙构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由外到内） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 混合（石灰砂浆）砂浆 | 20 | 0.870 | 10.750 | 1.00 | 0.023 | 0.247 |
| 岩棉板 | 100 | 0.040 | 0.750 | 1.20 | 2.083 | 1.875 |
| 蒸压加气混凝土砌块（干态）（普通砌筑，灰缝≤15mm） | 200 | 0.140 | 2.810 | 1.25 | 1.143 | 4.014 |
| 聚乙烯泡沫塑料 | 40 | 0.047 | 0.687 | 1.10 | 0.774 | 0.585 |
| 混合（石灰砂浆）砂浆 | 20 | 0.870 | 10.750 | 1.00 | 0.023 | 0.247 |
| 各层之和∑ | 380 | － | － | － | 4.046 | 6.968 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.24 | | | | | |

#### 外墙防火隔离带构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 40 | 0.930 | 11.370 | 1.00 | 0.043 | 0.489 |
| 挤塑聚苯板 | 60 | 0.033 | 0.347 | 1.20 | 1.515 | 0.631 |
| 钢筋混凝土 | 200 | 1.740 | 17.200 | 1.00 | 0.115 | 1.977 |
| 混合（石灰砂浆）砂浆 | 20 | 0.870 | 10.750 | 1.00 | 0.023 | 0.247 |
| 各层之和∑ | 320 | － | － | － | 1.696 | 3.344 |
| 传热系数K=1/(0.15+∑R) | 0.54 | | | | | |

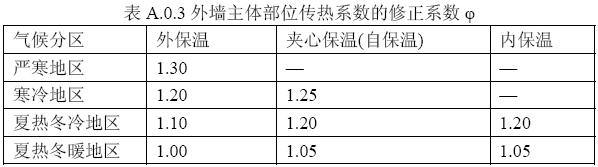
#### 热桥梁构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由外到内） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 挤塑聚苯乙烯泡沫塑料（带表皮） | 20 | 0.030 | 0.340 | 1.20 | 0.556 | 0.227 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土 | 200 | 1.740 | 17.200 | 1.00 | 0.115 | 1.977 |
| 石灰砂浆 | 20 | 0.810 | 10.070 | 1.00 | 0.025 | 0.249 |
| 各层之和∑ | 280 | － | － | － | 0.738 | 2.941 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 1.13 | | | | | |

#### 热桥梁构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由外到内） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 挤塑聚苯乙烯泡沫塑料（带表皮） | 20 | 0.030 | 0.340 | 1.20 | 0.556 | 0.227 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土 | 200 | 1.740 | 17.200 | 1.00 | 0.115 | 1.977 |
| 石灰砂浆 | 20 | 0.810 | 10.070 | 1.00 | 0.025 | 0.249 |
| 各层之和∑ | 280 | － | － | － | 0.738 | 2.941 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 1.13 | | | | | |

### 外墙主断面传热系数的修正系数ψ



### 外墙平均热工特性

1.　南向

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 构造名称 | 构件类型 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 外墙构造一 | 主墙体 | 204.36 | 0.795 | 0.24 | 6.97 | 0.75 |
| 外墙防火隔离带构造一 | 隔离带 | 52.86 | 0.205 | 0.54 | 3.34 | 0.75 |
| 合计 |  | 257.22 | 1.000 | 0.30 | 6.22 | 0.75 |
| 考虑线性热桥后K | 0.30 × 1.20 = 0.36 | | | | | |

2.　北向

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 构造名称 | 构件类型 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 外墙构造一 | 主墙体 | 442.44 | 0.805 | 0.24 | 6.97 | 0.75 |
| 外墙防火隔离带构造一 | 隔离带 | 107.33 | 0.195 | 0.54 | 3.34 | 0.75 |
| 合计 |  | 549.78 | 1.000 | 0.30 | 6.26 | 0.75 |
| 考虑线性热桥后K | 0.30 × 1.20 = 0.36 | | | | | |

3.　东向

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 构造名称 | 构件类型 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 外墙构造一 | 主墙体 | 1050.75 | 0.842 | 0.24 | 6.97 | 0.75 |
| 外墙防火隔离带构造一 | 隔离带 | 197.48 | 0.158 | 0.54 | 3.34 | 0.75 |
| 合计 |  | 1248.23 | 1.000 | 0.29 | 6.39 | 0.75 |
| 考虑线性热桥后K | 0.29 × 1.20 = 0.34 | | | | | |

4.　西向

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 构造名称 | 构件类型 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 外墙构造一 | 主墙体 | 907.05 | 0.832 | 0.24 | 6.97 | 0.75 |
| 外墙防火隔离带构造一 | 隔离带 | 182.93 | 0.168 | 0.54 | 3.34 | 0.75 |
| 热桥梁构造一 | 热桥梁 | 0.02 | 0.000 | 1.13 | 2.94 | 0.75 |
| 合计 |  | 1090.00 | 1.000 | 0.29 | 6.36 | 0.75 |
| 考虑线性热桥后K | 0.29 × 1.20 = 0.35 | | | | | |

5.　总体

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 构造名称 | 构件类型 | 面积(㎡) | 面积所占比例 | 传热系数K W / (㎡K) | 热惰性指标D | 太阳辐射吸收系数 |
| 外墙构造一 | 主墙体 | 2604.61 | 0.828 | 0.24 | 6.97 | 0.75 |
| 外墙防火隔离带构造一 | 隔离带 | 540.60 | 0.172 | 0.54 | 3.34 | 0.75 |
| 热桥梁构造一 | 热桥梁 | 0.02 | 0.000 | 1.13 | 2.94 | 0.75 |
| 合计 |  | 3145.23 | 1.000 | 0.29 | 6.35 | 0.75 |
| 考虑线性热桥后K | 0.29 × 1.20 = 0.35 | | | | | |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.1条 | | | | | |
| 标准要求 | K≤0.50,S≤0.30或K≤0.45,0.30<S≤0.50 | | | | | |
| 结论 | 满足 | | | | | |

## 挑空楼板构造

### 挑空楼板构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 （由上到下） | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 现浇钢筋混泥土 | 170 | 1.740 | 17.060 | 1.00 | 0.098 | 1.667 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 挤塑聚苯乙烯泡沫板（XPS）(ρ=30) | 80 | 0.030 | 0.540 | 1.10 | 2.424 | 1.440 |
| 抗裂砂浆（网格布） | 6 | 0.930 | 11.306 | 1.10 | 0.006 | 0.073 |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 各层之和∑ | 296 | － | － | － | 2.571 | 3.669 |
| 传热系数K=1/(0.15+∑R) | 0.37 | | | | | |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.1条 | | | | | |
| 标准要求 | K≤0.50,S≤0.30或K≤0.45,0.30<S≤0.50 | | | | | |
| 结论 | 满足 | | | | | |

## 采暖与非采暖隔墙

本工程无此项内容

## 地下车库与供暖房间之间的楼板

本工程无此项内容

## 外窗热工

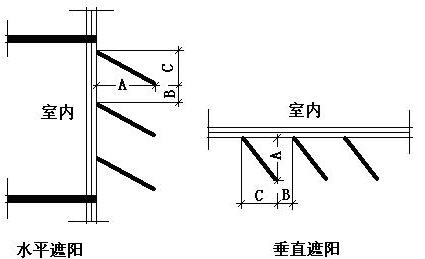
### 外窗构造

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 构造名称 | 构造编号 | 传热系数 | 太阳得热系数 | 可见光透射比 | 备注 |
| 1 | a.80岩棉 | 65 | 0.56 | 0.87 | 1.000 | 来源《民用建筑热工设计规范》 |
| 2 | 平均+铝合金窗框+Low-E中空玻璃(在线)+氩气层厚12mm | 18 | 0.97 | 0.26 | 0.800 | 来源《民用建筑热工设计规范》 |

### 外遮阳类型

已启用环境遮阳

#### 百叶遮阳



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 编号 | 挑出 A (m) | 百叶间距 D (m) | 下垂 C (m) |
| 1 | 百叶遮阳0 | 0.200 | 0.400 | 0.200 |

### 平均传热系数

1. 南向：

南-默认立面

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 传热系数 |
| 1 |  | 1 | 1 | 14.317 | 14.317 | 65 | 0.561 |
| 2 |  | 1 | 1 | 13.703 | 13.703 | 65 | 0.561 |
| 3 |  | 1 | 2 | 4.400 | 8.800 | 65 | 0.561 |
| 4 |  | 1 | 1 | 9.869 | 9.869 | 65 | 0.561 |
| 5 |  | 1 | 1 | 9.684 | 9.684 | 65 | 0.561 |
| 6 |  | 1 | 1 | 10.962 | 10.962 | 65 | 0.561 |
| 7 |  | 1 | 1 | 7.196 | 7.196 | 65 | 0.561 |
| 8 |  | 1 | 1 | 9.203 | 9.203 | 65 | 0.561 |
| 9 |  | 1 | 1 | 5.820 | 5.820 | 65 | 0.561 |
| 10 |  | 2 | 1 | 6.688 | 6.688 | 65 | 0.561 |
| 11 |  | 2 | 1 | 49.646 | 49.646 | 65 | 0.561 |
| 12 |  | 2 | 1 | 6.276 | 6.276 | 65 | 0.561 |
| 13 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.561 |
| 14 |  | 2 | 1 | 3.481 | 3.481 | 65 | 0.561 |
| 15 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 16 |  | 2 | 1 | 10.476 | 10.476 | 65 | 0.561 |
| 17 |  | 2 | 1 | 3.562 | 3.562 | 65 | 0.561 |
| 18 |  | 2 | 1 | 5.561 | 5.561 | 65 | 0.561 |
| 19 |  | 3~6 | 4 | 6.060 | 24.240 | 65 | 0.561 |
| 20 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.561 |
| 21 |  | 3~5 | 3 | 5.652 | 16.957 | 65 | 0.561 |
| 22 |  | 3 | 1 | 3.937 | 3.937 | 65 | 0.561 |
| 23 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 24 |  | 3 | 1 | 3.893 | 3.893 | 65 | 0.561 |
| 25 |  | 3 | 1 | 5.904 | 5.904 | 65 | 0.561 |
| 26 |  | 3,9 | 2 | 4.380 | 8.759 | 65 | 0.561 |
| 27 |  | 3,6~8 | 4 | 5.920 | 23.682 | 65 | 0.561 |
| 28 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.561 |
| 29 |  | 4~5 | 2 | 3.937 | 7.875 | 65 | 0.561 |
| 30 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 31 |  | 4~6 | 3 | 3.893 | 11.679 | 65 | 0.561 |
| 32 |  | 4~6 | 3 | 5.904 | 17.711 | 65 | 0.561 |
| 33 |  | 4~8 | 5 | 4.380 | 21.898 | 65 | 0.561 |
| 34 |  | 4~5,9 | 3 | 5.920 | 17.761 | 65 | 0.561 |
| 35 |  | 6 | 1 | 5.652 | 5.652 | 65 | 0.561 |
| 36 |  | 6 | 1 | 3.937 | 3.937 | 65 | 0.561 |
| 37 |  | 7 | 1 | 3.878 | 3.878 | 65 | 0.561 |
| 38 |  | 7 | 1 | 5.810 | 5.810 | 65 | 0.561 |
| 39 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 40 |  | 7 | 1 | 3.927 | 3.927 | 65 | 0.561 |
| 41 |  | 7 | 1 | 6.073 | 6.073 | 65 | 0.561 |
| 42 |  | 7 | 1 | 5.247 | 5.247 | 65 | 0.561 |
| 43 |  | 7~8 | 2 | 5.924 | 11.848 | 65 | 0.561 |
| 44 |  | 8 | 1 | 5.789 | 5.789 | 65 | 0.561 |
| 45 |  | 8~9 | 2 | 5.758 | 11.517 | 65 | 0.561 |
| 46 |  | 8 | 1 | 3.930 | 3.930 | 65 | 0.561 |
| 47 |  | 8 | 1 | 9.940 | 9.940 | 65 | 0.561 |
| 48 |  | 8 | 1 | 5.242 | 5.242 | 65 | 0.561 |
| 49 |  | 9 | 1 | 3.930 | 3.930 | 65 | 0.561 |
| 50 |  | 9 | 1 | 5.789 | 5.789 | 65 | 0.561 |
| 51 |  | 9 | 1 | 9.940 | 9.940 | 65 | 0.561 |
| 52 |  | 9 | 1 | 5.242 | 5.242 | 65 | 0.561 |
| 53 |  | 9 | 1 | 5.924 | 5.924 | 65 | 0.561 |
| 54 |  | 10 | 1 | 5.109 | 5.109 | 65 | 0.561 |
| 55 |  | 10 | 1 | 3.915 | 3.915 | 65 | 0.561 |
| 56 |  | 10 | 1 | 3.979 | 3.979 | 65 | 0.561 |
| 57 |  | 10 | 1 | 4.246 | 4.246 | 65 | 0.561 |
| 58 |  | 10 | 1 | 3.997 | 3.997 | 65 | 0.561 |
| 59 |  | 10 | 1 | 4.373 | 4.373 | 65 | 0.561 |
| 60 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 61 |  | 10 | 1 | 4.516 | 4.516 | 65 | 0.561 |
| 62 |  | 10 | 1 | 3.815 | 3.815 | 65 | 0.561 |
| 立面总面积(㎡) | | | 533.098 | 立面平均传热系数 | | | 0.561 |

2. 北向：

北-默认立面

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 传热系数 |
| 1 |  | 1 | 1 | 9.449 | 9.449 | 65 | 0.561 |
| 2 |  | 1 | 1 | 47.250 | 47.250 | 65 | 0.561 |
| 3 |  | 1 | 1 | 22.652 | 22.652 | 65 | 0.561 |
| 4 |  | 1 | 1 | 20.950 | 20.950 | 65 | 0.561 |
| 5 |  | 1 | 1 | 10.825 | 10.825 | 65 | 0.561 |
| 6 |  | 1 | 3 | 10.734 | 32.201 | 65 | 0.561 |
| 7 |  | 1 | 3 | 10.348 | 31.045 | 65 | 0.561 |
| 8 |  | 2 | 1 | 9.030 | 9.030 | 65 | 0.561 |
| 9 |  | 2 | 1 | 20.018 | 20.018 | 65 | 0.561 |
| 10 |  | 2 | 1 | 10.423 | 10.423 | 65 | 0.561 |
| 11 |  | 2 | 1 | 66.795 | 66.795 | 65 | 0.561 |
| 12 |  | 2 | 3 | 10.255 | 30.765 | 65 | 0.561 |
| 13 |  | 2 | 3 | 9.888 | 29.665 | 65 | 0.561 |
| 14 |  | 3~6 | 4 | 5.965 | 23.859 | 65 | 0.561 |
| 15 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.561 |
| 16 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.561 |
| 17 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.561 |
| 18 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.561 |
| 19 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.561 |
| 20 |  | 3 | 1 | 5.904 | 5.904 | 65 | 0.561 |
| 21 |  | 3,9 | 3 | 4.380 | 13.139 | 65 | 0.561 |
| 22 |  | 3,9 | 2 | 5.920 | 11.841 | 65 | 0.561 |
| 23 |  | 3 | 1 | 5.920 | 5.920 | 65 | 0.561 |
| 24 |  | 3~6 | 4 | 4.357 | 17.426 | 65 | 0.561 |
| 25 |  | 3 | 1 | 10.026 | 10.026 | 65 | 0.561 |
| 26 |  | 3,9 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 27 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 28 |  | 3,9 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 29 |  | 3 | 1 | 4.753 | 4.753 | 65 | 0.561 |
| 30 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.561 |
| 31 |  | 4~6 | 3 | 5.980 | 17.940 | 65 | 0.561 |
| 32 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.561 |
| 33 |  | 4~6 | 3 | 5.980 | 17.940 | 65 | 0.561 |
| 34 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.561 |
| 35 |  | 4~6 | 3 | 5.904 | 17.711 | 65 | 0.561 |
| 36 |  | 4~6 | 3 | 4.380 | 13.139 | 65 | 0.561 |
| 37 |  | 4~6,8 | 4 | 5.920 | 23.682 | 65 | 0.561 |
| 38 |  | 4~6,8 | 4 | 4.380 | 17.518 | 65 | 0.561 |
| 39 |  | 4~6 | 3 | 5.920 | 17.761 | 65 | 0.561 |
| 40 |  | 4~6 | 3 | 10.026 | 30.077 | 65 | 0.561 |
| 41 |  | 4~8,10 | 22 | 3.870 | 85.140 | 65 | 0.561 |
| 42 |  | 4~7 | 4 | 3.870 | 15.480 | 65 | 0.561 |
| 43 |  | 4~6 | 3 | 4.753 | 14.259 | 65 | 0.561 |
| 44 |  | 7 | 1 | 9.992 | 9.992 | 65 | 0.561 |
| 45 |  | 7 | 1 | 4.390 | 4.390 | 65 | 0.561 |
| 46 |  | 7 | 1 | 5.998 | 5.998 | 65 | 0.561 |
| 47 |  | 7 | 1 | 4.379 | 4.379 | 65 | 0.561 |
| 48 |  | 7 | 1 | 5.763 | 5.763 | 65 | 0.561 |
| 49 |  | 7 | 1 | 4.439 | 4.439 | 65 | 0.561 |
| 50 |  | 7 | 1 | 4.097 | 4.097 | 65 | 0.561 |
| 51 |  | 7 | 1 | 5.903 | 5.903 | 65 | 0.561 |
| 52 |  | 7 | 1 | 4.022 | 4.022 | 65 | 0.561 |
| 53 |  | 7 | 1 | 5.828 | 5.828 | 65 | 0.561 |
| 54 |  | 7 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 55 |  | 7 | 1 | 5.993 | 5.993 | 65 | 0.561 |
| 56 |  | 7 | 1 | 4.799 | 4.799 | 65 | 0.561 |
| 57 |  | 8 | 1 | 0.234 | 0.234 | 65 | 0.561 |
| 58 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.561 |
| 59 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.561 |
| 60 |  | 8 | 1 | 4.707 | 4.707 | 65 | 0.561 |
| 61 |  | 8 | 1 | 5.776 | 5.776 | 65 | 0.561 |
| 62 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 63 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 64 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 65 |  | 8 | 1 | 5.904 | 5.904 | 65 | 0.561 |
| 66 |  | 8 | 1 | 4.380 | 4.380 | 65 | 0.561 |
| 67 |  | 8 | 1 | 5.920 | 5.920 | 65 | 0.561 |
| 68 |  | 8~9 | 2 | 4.390 | 8.780 | 65 | 0.561 |
| 69 |  | 8 | 1 | 6.295 | 6.295 | 65 | 0.561 |
| 70 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 71 |  | 9 | 1 | 4.707 | 4.707 | 65 | 0.561 |
| 72 |  | 9 | 1 | 6.011 | 6.011 | 65 | 0.561 |
| 73 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 74 |  | 9 | 2 | 5.978 | 11.957 | 65 | 0.561 |
| 75 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 76 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 77 |  | 9 | 1 | 5.904 | 5.904 | 65 | 0.561 |
| 78 |  | 9 | 1 | 4.380 | 4.380 | 65 | 0.561 |
| 79 |  | 9 | 1 | 5.920 | 5.920 | 65 | 0.561 |
| 80 |  | 9 | 1 | 6.295 | 6.295 | 65 | 0.561 |
| 81 |  | 9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 82 |  | 10 | 1 | 6.316 | 6.316 | 65 | 0.561 |
| 83 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 84 |  | 10 | 1 | 4.730 | 4.730 | 65 | 0.561 |
| 85 |  | 10 | 1 | 4.451 | 4.451 | 65 | 0.561 |
| 86 |  | 10 | 1 | 5.841 | 5.841 | 65 | 0.561 |
| 87 |  | 10 | 1 | 4.458 | 4.458 | 65 | 0.561 |
| 88 |  | 10 | 1 | 5.762 | 5.762 | 65 | 0.561 |
| 89 |  | 10 | 1 | 4.536 | 4.536 | 65 | 0.561 |
| 90 |  | 10 | 1 | 5.801 | 5.801 | 65 | 0.561 |
| 91 |  | 10 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 92 |  | 10 | 1 | 6.054 | 6.054 | 65 | 0.561 |
| 93 |  | 10 | 1 | 4.021 | 4.021 | 65 | 0.561 |
| 94 |  | 10 | 1 | 5.979 | 5.979 | 65 | 0.561 |
| 95 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 96 |  | 10 | 1 | 5.988 | 5.988 | 65 | 0.561 |
| 立面总面积(㎡) | | | 1070.573 | 立面平均传热系数 | | | 0.561 |

3. 东向：

东-默认立面

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 传热系数 |
| 1 |  | 1 | 1 | 1.078 | 1.078 | 65 | 0.561 |
| 2 |  | 1 | 1 | 16.205 | 16.205 | 65 | 0.561 |
| 3 |  | 1 | 1 | 9.900 | 9.900 | 65 | 0.561 |
| 4 |  | 1 | 1 | 36.189 | 36.189 | 65 | 0.561 |
| 5 |  | 1 | 1 | 35.802 | 35.802 | 65 | 0.561 |
| 6 |  | 1 | 1 | 9.900 | 9.900 | 65 | 0.561 |
| 7 |  | 1 | 1 | 16.623 | 16.623 | 65 | 0.561 |
| 8 |  | 1 | 1 | 23.655 | 23.655 | 65 | 0.561 |
| 9 |  | 1 | 1 | 24.854 | 24.854 | 65 | 0.561 |
| 10 |  | 1 | 1 | 33.386 | 33.386 | 65 | 0.561 |
| 11 |  | 1 | 1 | 9.203 | 9.203 | 65 | 0.561 |
| 12 |  | 1 | 1 | 4.769 | 4.769 | 65 | 0.561 |
| 13 |  | 1 | 1 | 5.944 | 5.944 | 65 | 0.561 |
| 14 |  | 1 | 1 | 5.820 | 5.820 | 65 | 0.561 |
| 15 |  | 1 | 3 | 9.005 | 27.016 | 65 | 0.561 |
| 16 |  | 2 | 1 | 2.829 | 2.829 | 65 | 0.561 |
| 17 |  | 2 | 1 | 2.363 | 2.363 | 65 | 0.561 |
| 18 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.561 |
| 19 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.561 |
| 20 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.561 |
| 21 |  | 2 | 1 | 10.157 | 10.157 | 65 | 0.561 |
| 22 |  | 2 | 4 | 2.139 | 8.556 | 65 | 0.561 |
| 23 |  | 2 | 4 | 2.760 | 11.040 | 65 | 0.561 |
| 24 |  | 2 | 1 | 0.249 | 0.249 | 65 | 0.561 |
| 25 |  | 2 | 1 | 0.189 | 0.189 | 65 | 0.561 |
| 26 |  | 2 | 1 | 0.271 | 0.271 | 65 | 0.561 |
| 27 |  | 2 | 1 | 18.387 | 18.387 | 65 | 0.561 |
| 28 |  | 2 | 1 | 0.618 | 0.618 | 65 | 0.561 |
| 29 |  | 2 | 1 | 18.378 | 18.378 | 65 | 0.561 |
| 30 |  | 2 | 4 | 2.139 | 8.556 | 65 | 0.561 |
| 31 |  | 2 | 4 | 2.760 | 11.040 | 65 | 0.561 |
| 32 |  | 2 | 1 | 0.275 | 0.275 | 65 | 0.561 |
| 33 |  | 2 | 1 | 0.198 | 0.198 | 65 | 0.561 |
| 34 |  | 2 | 1 | 0.237 | 0.237 | 65 | 0.561 |
| 35 |  | 2 | 1 | 10.165 | 10.165 | 65 | 0.561 |
| 36 |  | 2 | 1 | 5.934 | 5.934 | 65 | 0.561 |
| 37 |  | 2 | 1 | 0.056 | 0.056 | 65 | 0.561 |
| 38 |  | 2 | 3 | 1.674 | 5.022 | 65 | 0.561 |
| 39 |  | 2 | 3 | 2.160 | 6.480 | 65 | 0.561 |
| 40 |  | 2 | 1 | 0.224 | 0.224 | 65 | 0.561 |
| 41 |  | 2 | 1 | 0.305 | 0.305 | 65 | 0.561 |
| 42 |  | 2 | 1 | 8.045 | 8.045 | 65 | 0.561 |
| 43 |  | 2 | 1 | 0.615 | 0.615 | 65 | 0.561 |
| 44 |  | 2 | 1 | 17.815 | 17.815 | 65 | 0.561 |
| 45 |  | 2 | 1 | 0.206 | 0.206 | 65 | 0.561 |
| 46 |  | 2 | 2 | 1.563 | 3.127 | 65 | 0.561 |
| 47 |  | 2 | 2 | 2.017 | 4.034 | 65 | 0.561 |
| 48 |  | 2 | 1 | 0.018 | 0.018 | 65 | 0.561 |
| 49 |  | 2 | 1 | 0.023 | 0.023 | 65 | 0.561 |
| 50 |  | 2 | 1 | 7.177 | 7.177 | 65 | 0.561 |
| 51 |  | 2 | 1 | 1.030 | 1.030 | 65 | 0.561 |
| 52 |  | 2 | 1 | 2.363 | 2.363 | 65 | 0.561 |
| 53 |  | 2 | 1 | 2.829 | 2.829 | 65 | 0.561 |
| 54 |  | 2 | 1 | 5.561 | 5.561 | 65 | 0.561 |
| 55 |  | 2 | 3 | 8.827 | 26.481 | 65 | 0.561 |
| 56 |  | 3,9 | 2 | 4.380 | 8.759 | 65 | 0.561 |
| 57 |  | 3 | 1 | 5.920 | 5.920 | 65 | 0.561 |
| 58 |  | 3~5 | 3 | 4.357 | 13.070 | 65 | 0.561 |
| 59 |  | 3 | 1 | 6.037 | 6.037 | 65 | 0.561 |
| 60 |  | 3~5,9 | 5 | 3.870 | 19.350 | 65 | 0.561 |
| 61 |  | 3,8~9 | 11 | 3.870 | 42.570 | 65 | 0.561 |
| 62 |  | 3~6 | 4 | 3.870 | 15.482 | 65 | 0.561 |
| 63 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 64 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 65 |  | 3 | 1 | 3.871 | 3.871 | 65 | 0.561 |
| 66 |  | 3~6 | 7 | 3.870 | 27.087 | 65 | 0.561 |
| 67 |  | 3~7 | 6 | 4.506 | 27.035 | 65 | 0.561 |
| 68 |  | 3,6 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 69 |  | 3 | 1 | 4.506 | 4.506 | 65 | 0.561 |
| 70 |  | 3~8 | 19 | 3.870 | 73.530 | 65 | 0.561 |
| 71 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 72 |  | 3~5,8~9 | 5 | 3.870 | 19.350 | 65 | 0.561 |
| 73 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 74 |  | 3~6 | 4 | 3.888 | 15.552 | 65 | 0.561 |
| 75 |  | 3 | 1 | 4.679 | 4.679 | 65 | 0.561 |
| 76 |  | 3,6 | 2 | 3.937 | 7.873 | 65 | 0.561 |
| 77 |  | 3 | 1 | 4.694 | 4.694 | 65 | 0.561 |
| 78 |  | 3,6,8 | 3 | 3.937 | 11.810 | 65 | 0.561 |
| 79 |  | 3 | 1 | 4.694 | 4.694 | 65 | 0.561 |
| 80 |  | 3 | 1 | 3.918 | 3.918 | 65 | 0.561 |
| 81 |  | 3 | 1 | 11.317 | 11.317 | 65 | 0.561 |
| 82 |  | 3 | 1 | 5.183 | 5.183 | 65 | 0.561 |
| 83 |  | 4~8 | 5 | 4.380 | 21.898 | 65 | 0.561 |
| 84 |  | 4~6 | 3 | 5.920 | 17.761 | 65 | 0.561 |
| 85 |  | 4~7 | 4 | 6.037 | 24.147 | 65 | 0.561 |
| 86 |  | 4~6,10 | 9 | 3.870 | 34.830 | 65 | 0.561 |
| 87 |  | 4~8 | 22 | 3.870 | 85.140 | 65 | 0.561 |
| 88 |  | 4~6 | 3 | 3.870 | 11.609 | 65 | 0.561 |
| 89 |  | 4~6 | 3 | 3.871 | 11.613 | 65 | 0.561 |
| 90 |  | 4~5 | 2 | 4.506 | 9.012 | 65 | 0.561 |
| 91 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 92 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 93 |  | 4~6 | 3 | 3.870 | 11.609 | 65 | 0.561 |
| 94 |  | 4~6 | 3 | 4.679 | 14.037 | 65 | 0.561 |
| 95 |  | 4~5 | 2 | 3.937 | 7.873 | 65 | 0.561 |
| 96 |  | 4~6 | 3 | 4.694 | 14.083 | 65 | 0.561 |
| 97 |  | 4~5,9 | 3 | 3.937 | 11.810 | 65 | 0.561 |
| 98 |  | 4~6 | 3 | 4.694 | 14.083 | 65 | 0.561 |
| 99 |  | 4~6 | 3 | 3.918 | 11.755 | 65 | 0.561 |
| 100 |  | 4~6 | 3 | 11.317 | 33.952 | 65 | 0.561 |
| 101 |  | 4~6 | 3 | 5.183 | 15.549 | 65 | 0.561 |
| 102 |  | 6 | 1 | 4.357 | 4.357 | 65 | 0.561 |
| 103 |  | 7 | 1 | 5.920 | 5.920 | 65 | 0.561 |
| 104 |  | 7 | 1 | 4.357 | 4.357 | 65 | 0.561 |
| 105 |  | 7,10 | 5 | 3.870 | 19.350 | 65 | 0.561 |
| 106 |  | 7~8 | 2 | 4.506 | 9.012 | 65 | 0.561 |
| 107 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 108 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 109 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 110 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 111 |  | 7 | 1 | 4.004 | 4.004 | 65 | 0.561 |
| 112 |  | 7 | 1 | 28.511 | 28.511 | 65 | 0.561 |
| 113 |  | 7 | 1 | 3.943 | 3.943 | 65 | 0.561 |
| 114 |  | 7 | 1 | 4.760 | 4.760 | 65 | 0.561 |
| 115 |  | 7 | 1 | 3.804 | 3.804 | 65 | 0.561 |
| 116 |  | 7 | 1 | 4.694 | 4.694 | 65 | 0.561 |
| 117 |  | 7 | 1 | 4.068 | 4.068 | 65 | 0.561 |
| 118 |  | 7 | 1 | 4.497 | 4.497 | 65 | 0.561 |
| 119 |  | 8 | 1 | 9.982 | 9.982 | 65 | 0.561 |
| 120 |  | 8 | 1 | 5.806 | 5.806 | 65 | 0.561 |
| 121 |  | 8 | 1 | 5.921 | 5.921 | 65 | 0.561 |
| 122 |  | 8 | 1 | 4.323 | 4.323 | 65 | 0.561 |
| 123 |  | 8 | 1 | 6.070 | 6.070 | 65 | 0.561 |
| 124 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 125 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 126 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 127 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 128 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 129 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 130 |  | 8~9 | 2 | 4.506 | 9.012 | 65 | 0.561 |
| 131 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 132 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 133 |  | 8 | 1 | 3.604 | 3.604 | 65 | 0.561 |
| 134 |  | 8 | 1 | 3.945 | 3.945 | 65 | 0.561 |
| 135 |  | 8 | 1 | 4.694 | 4.694 | 65 | 0.561 |
| 136 |  | 8~9 | 2 | 4.694 | 9.389 | 65 | 0.561 |
| 137 |  | 8 | 1 | 3.915 | 3.915 | 65 | 0.561 |
| 138 |  | 8 | 1 | 9.500 | 9.500 | 65 | 0.561 |
| 139 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 140 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 141 |  | 8 | 1 | 3.893 | 3.893 | 65 | 0.561 |
| 142 |  | 9 | 1 | 5.921 | 5.921 | 65 | 0.561 |
| 143 |  | 9 | 1 | 4.323 | 4.323 | 65 | 0.561 |
| 144 |  | 9 | 1 | 6.070 | 6.070 | 65 | 0.561 |
| 145 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 146 |  | 9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 147 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 148 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 149 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 150 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 151 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 152 |  | 9 | 1 | 4.506 | 4.506 | 65 | 0.561 |
| 153 |  | 9 | 1 | 3.917 | 3.917 | 65 | 0.561 |
| 154 |  | 9 | 1 | 5.385 | 5.385 | 65 | 0.561 |
| 155 |  | 9 | 1 | 3.945 | 3.945 | 65 | 0.561 |
| 156 |  | 9 | 1 | 4.694 | 4.694 | 65 | 0.561 |
| 157 |  | 9 | 1 | 3.915 | 3.915 | 65 | 0.561 |
| 158 |  | 9 | 1 | 9.500 | 9.500 | 65 | 0.561 |
| 159 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 160 |  | 9 | 1 | 3.893 | 3.893 | 65 | 0.561 |
| 161 |  | 10 | 1 | 5.160 | 5.160 | 65 | 0.561 |
| 162 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 163 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 164 |  | 10 | 2 | 4.506 | 9.012 | 65 | 0.561 |
| 165 |  | 10 | 1 | 3.901 | 3.901 | 65 | 0.561 |
| 166 |  | 10 | 1 | 9.481 | 9.481 | 65 | 0.561 |
| 167 |  | 10 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 168 |  | 10 | 1 | 3.916 | 3.916 | 65 | 0.561 |
| 169 |  | 10 | 1 | 5.791 | 5.791 | 65 | 0.561 |
| 170 |  | 10 | 1 | 3.579 | 3.579 | 65 | 0.561 |
| 171 |  | 10 | 1 | 5.018 | 5.018 | 65 | 0.561 |
| 172 |  | 10 | 1 | 4.029 | 4.029 | 65 | 0.561 |
| 173 |  | 10 | 1 | 4.598 | 4.598 | 65 | 0.561 |
| 174 |  | 10 | 1 | 3.976 | 3.976 | 65 | 0.561 |
| 175 |  | 10 | 1 | 5.400 | 5.400 | 65 | 0.561 |
| 176 |  | 10 | 1 | 5.926 | 5.926 | 65 | 0.561 |
| 177 |  | 10 | 1 | 5.246 | 5.246 | 65 | 0.561 |
| 178 | C1721 | 2 | 1 | 3.648 | 3.648 | 18 | 0.968 |
| 179 | C1721 | 2 | 1 | 0.041 | 0.041 | 18 | 0.968 |
| 180 | C1721 | 2 | 1 | 3.648 | 3.648 | 18 | 0.968 |
| 181 | C1821 | 2 | 1 | 3.906 | 3.906 | 18 | 0.968 |
| 182 | C1821 | 2 | 2 | 3.906 | 7.812 | 18 | 0.968 |
| 183 | C2321 | 2 | 7 | 4.991 | 34.937 | 18 | 0.968 |
| 184 | C2321 | 2 | 1 | 4.991 | 4.991 | 18 | 0.968 |
| 立面总面积(㎡) | | | 1692.809 | 立面平均传热系数 | | | 0.575 |

4. 西向：

西-默认立面

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 传热系数 |
| 1 |  | 1 | 1 | 75.186 | 75.186 | 65 | 0.561 |
| 2 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.561 |
| 3 |  | 1 | 1 | 0.563 | 0.563 | 65 | 0.561 |
| 4 |  | 1 | 1 | 19.109 | 19.109 | 65 | 0.561 |
| 5 |  | 1 | 1 | 0.194 | 0.194 | 65 | 0.561 |
| 6 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.561 |
| 7 |  | 1 | 1 | 9.887 | 9.887 | 65 | 0.561 |
| 8 |  | 1 | 1 | 9.558 | 9.558 | 65 | 0.561 |
| 9 |  | 1 | 1 | 47.790 | 47.790 | 65 | 0.561 |
| 10 |  | 1 | 1 | 0.801 | 0.801 | 65 | 0.561 |
| 11 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.561 |
| 12 |  | 1 | 1 | 48.803 | 48.803 | 65 | 0.561 |
| 13 |  | 1 | 3 | 7.196 | 21.588 | 65 | 0.561 |
| 14 |  | 1 | 1 | 10.348 | 10.348 | 65 | 0.561 |
| 15 |  | 2 | 1 | 9.201 | 9.201 | 65 | 0.561 |
| 16 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 17 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 18 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 19 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 20 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 21 |  | 2 | 1 | 27.417 | 27.417 | 65 | 0.561 |
| 22 |  | 2 | 5 | 1.953 | 9.765 | 65 | 0.561 |
| 23 |  | 2 | 5 | 2.520 | 12.600 | 65 | 0.561 |
| 24 |  | 2 | 1 | 0.065 | 0.065 | 65 | 0.561 |
| 25 |  | 2 | 1 | 0.327 | 0.327 | 65 | 0.561 |
| 26 |  | 2 | 1 | 0.460 | 0.460 | 65 | 0.561 |
| 27 |  | 2 | 1 | 0.710 | 0.710 | 65 | 0.561 |
| 28 |  | 2 | 1 | 0.254 | 0.254 | 65 | 0.561 |
| 29 |  | 2 | 1 | 8.930 | 8.930 | 65 | 0.561 |
| 30 |  | 2 | 1 | 36.520 | 36.520 | 65 | 0.561 |
| 31 |  | 2 | 1 | 18.277 | 18.277 | 65 | 0.561 |
| 32 |  | 2 | 1 | 9.391 | 9.391 | 65 | 0.561 |
| 33 |  | 2 | 2 | 1.942 | 3.884 | 65 | 0.561 |
| 34 |  | 2 | 2 | 2.506 | 5.011 | 65 | 0.561 |
| 35 |  | 2 | 1 | 0.011 | 0.011 | 65 | 0.561 |
| 36 |  | 2 | 1 | 0.014 | 0.014 | 65 | 0.561 |
| 37 |  | 2 | 1 | 27.430 | 27.430 | 65 | 0.561 |
| 38 |  | 2 | 1 | 26.136 | 26.136 | 65 | 0.561 |
| 39 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.561 |
| 40 |  | 2 | 1 | 9.888 | 9.888 | 65 | 0.561 |
| 41 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.561 |
| 42 |  | 3 | 1 | 3.954 | 3.954 | 65 | 0.561 |
| 43 |  | 3 | 1 | 9.721 | 9.721 | 65 | 0.561 |
| 44 |  | 3~8 | 31 | 3.870 | 119.970 | 65 | 0.561 |
| 45 |  | 3~8 | 47 | 3.870 | 181.890 | 65 | 0.561 |
| 46 |  | 3~5,8~9 | 22 | 3.870 | 85.140 | 65 | 0.561 |
| 47 |  | 3~5,8~9 | 20 | 3.870 | 77.400 | 65 | 0.561 |
| 48 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 49 |  | 3~6,8,10 | 12 | 3.870 | 46.440 | 65 | 0.561 |
| 50 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 51 |  | 3~7 | 7 | 3.870 | 27.090 | 65 | 0.561 |
| 52 |  | 3 | 1 | 3.892 | 3.892 | 65 | 0.561 |
| 53 |  | 3~6 | 4 | 5.637 | 22.549 | 65 | 0.561 |
| 54 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.561 |
| 55 |  | 3,6 | 2 | 5.652 | 11.305 | 65 | 0.561 |
| 56 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.561 |
| 57 |  | 3~5 | 3 | 5.652 | 16.957 | 65 | 0.561 |
| 58 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.561 |
| 59 |  | 3 | 1 | 5.652 | 5.652 | 65 | 0.561 |
| 60 |  | 4~6 | 3 | 5.980 | 17.939 | 65 | 0.561 |
| 61 |  | 4~6 | 3 | 3.954 | 11.861 | 65 | 0.561 |
| 62 |  | 4~6 | 3 | 9.721 | 29.164 | 65 | 0.561 |
| 63 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.561 |
| 64 |  | 4~5 | 2 | 3.892 | 7.784 | 65 | 0.561 |
| 65 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.561 |
| 66 |  | 4~5 | 2 | 5.652 | 11.305 | 65 | 0.561 |
| 67 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.561 |
| 68 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.561 |
| 69 |  | 4~6 | 3 | 5.652 | 16.957 | 65 | 0.561 |
| 70 |  | 6 | 1 | 3.892 | 3.892 | 65 | 0.561 |
| 71 |  | 6 | 1 | 5.652 | 5.652 | 65 | 0.561 |
| 72 |  | 7 | 1 | 5.919 | 5.919 | 65 | 0.561 |
| 73 |  | 7 | 1 | 3.950 | 3.950 | 65 | 0.561 |
| 74 |  | 7 | 1 | 5.723 | 5.723 | 65 | 0.561 |
| 75 |  | 7~8 | 2 | 3.945 | 7.890 | 65 | 0.561 |
| 76 |  | 7 | 1 | 5.797 | 5.797 | 65 | 0.561 |
| 77 |  | 7 | 1 | 3.946 | 3.946 | 65 | 0.561 |
| 78 |  | 7 | 1 | 5.798 | 5.798 | 65 | 0.561 |
| 79 |  | 7 | 1 | 3.877 | 3.877 | 65 | 0.561 |
| 80 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 81 |  | 7 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 82 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 83 |  | 7 | 1 | 9.722 | 9.722 | 65 | 0.561 |
| 84 |  | 7 | 1 | 3.877 | 3.877 | 65 | 0.561 |
| 85 |  | 7 | 1 | 5.979 | 5.979 | 65 | 0.561 |
| 86 |  | 8 | 1 | 5.798 | 5.798 | 65 | 0.561 |
| 87 |  | 8 | 1 | 5.092 | 5.092 | 65 | 0.561 |
| 88 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.561 |
| 89 |  | 8 | 1 | 3.893 | 3.893 | 65 | 0.561 |
| 90 |  | 8 | 1 | 9.782 | 9.782 | 65 | 0.561 |
| 91 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 92 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.561 |
| 93 |  | 8 | 1 | 3.054 | 3.054 | 65 | 0.561 |
| 94 |  | 8 | 1 | 9.735 | 9.735 | 65 | 0.561 |
| 95 |  | 8 | 1 | 3.971 | 3.971 | 65 | 0.561 |
| 96 |  | 8~9 | 2 | 5.798 | 11.595 | 65 | 0.561 |
| 97 |  | 8 | 1 | 3.900 | 3.900 | 65 | 0.561 |
| 98 |  | 8 | 1 | 5.843 | 5.843 | 65 | 0.561 |
| 99 |  | 9 | 1 | 5.092 | 5.092 | 65 | 0.561 |
| 100 |  | 9 | 1 | 5.978 | 5.978 | 65 | 0.561 |
| 101 |  | 9 | 1 | 3.893 | 3.893 | 65 | 0.561 |
| 102 |  | 9 | 1 | 9.782 | 9.782 | 65 | 0.561 |
| 103 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 104 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 105 |  | 9 | 1 | 3.054 | 3.054 | 65 | 0.561 |
| 106 |  | 9 | 1 | 9.735 | 9.735 | 65 | 0.561 |
| 107 |  | 9 | 1 | 3.937 | 3.937 | 65 | 0.561 |
| 108 |  | 9 | 1 | 3.945 | 3.945 | 65 | 0.561 |
| 109 |  | 9 | 1 | 5.798 | 5.798 | 65 | 0.561 |
| 110 |  | 9 | 1 | 3.900 | 3.900 | 65 | 0.561 |
| 111 |  | 9 | 1 | 5.843 | 5.843 | 65 | 0.561 |
| 112 |  | 10 | 1 | 3.587 | 3.587 | 65 | 0.561 |
| 113 |  | 10 | 1 | 5.325 | 5.325 | 65 | 0.561 |
| 114 |  | 10 | 1 | 9.736 | 9.736 | 65 | 0.561 |
| 115 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 116 |  | 10 | 9 | 3.870 | 34.830 | 65 | 0.561 |
| 117 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.561 |
| 118 |  | 10 | 1 | 8.143 | 8.143 | 65 | 0.561 |
| 119 |  | 10 | 1 | 9.711 | 9.711 | 65 | 0.561 |
| 120 |  | 10 | 1 | 3.851 | 3.851 | 65 | 0.561 |
| 121 |  | 10 | 1 | 5.270 | 5.270 | 65 | 0.561 |
| 122 |  | 10 | 1 | 0.443 | 0.443 | 65 | 0.561 |
| 123 |  | 10 | 1 | 0.767 | 0.767 | 65 | 0.561 |
| 124 |  | 10 | 1 | 3.825 | 3.825 | 65 | 0.561 |
| 125 |  | 10 | 1 | 5.916 | 5.916 | 65 | 0.561 |
| 126 |  | 10 | 1 | 3.889 | 3.889 | 65 | 0.561 |
| 127 |  | 10 | 1 | 3.892 | 3.892 | 65 | 0.561 |
| 128 |  | 10 | 1 | 5.950 | 5.950 | 65 | 0.561 |
| 129 | C2121 | 2 | 5 | 4.557 | 22.785 | 18 | 0.968 |
| 130 | C2121 | 2 | 2 | 4.531 | 9.062 | 18 | 0.968 |
| 131 | C2121 | 2 | 1 | 0.026 | 0.026 | 18 | 0.968 |
| 立面总面积(㎡) | | | 1644.893 | 立面平均传热系数 | | | 0.569 |

### 综合太阳得热系数

1. 南向：

南-默认立面

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 窗太阳得热系数 | 外遮阳编号 | 外遮阳系数(含环境遮阳) | 综合太阳得热系数 |
| 1 |  | 1 | 1 | 14.317 | 14.317 | 65 | 0.870 | 百叶遮阳0 | 0.115 | 0.100 |
| 2 |  | 1 | 1 | 13.703 | 13.703 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 3 |  | 1 | 2 | 4.400 | 8.800 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 4 |  | 1 | 1 | 9.869 | 9.869 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 5 |  | 1 | 1 | 9.684 | 9.684 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 6 |  | 1 | 1 | 10.962 | 10.962 | 65 | 0.870 | 百叶遮阳0 | 0.079 | 0.069 |
| 7 |  | 1 | 1 | 7.196 | 7.196 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 8 |  | 1 | 1 | 9.203 | 9.203 | 65 | 0.870 | 百叶遮阳0 | 0.131 | 0.114 |
| 9 |  | 1 | 1 | 5.820 | 5.820 | 65 | 0.870 | 百叶遮阳0 | 0.116 | 0.101 |
| 10 |  | 2 | 1 | 6.688 | 6.688 | 65 | 0.870 | 百叶遮阳0 | 0.076 | 0.066 |
| 11 |  | 2 | 1 | 49.646 | 49.646 | 65 | 0.870 | 百叶遮阳0 | 0.070 | 0.061 |
| 12 |  | 2 | 1 | 6.276 | 6.276 | 65 | 0.870 | 百叶遮阳0 | 0.073 | 0.064 |
| 13 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.870 | 百叶遮阳0 | 0.103 | 0.090 |
| 14 |  | 2 | 1 | 3.481 | 3.481 | 65 | 0.870 | 百叶遮阳0 | 0.084 | 0.073 |
| 15 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.094 | 0.082 |
| 16 |  | 2 | 1 | 10.476 | 10.476 | 65 | 0.870 | 百叶遮阳0 | 0.048 | 0.042 |
| 17 |  | 2 | 1 | 3.562 | 3.562 | 65 | 0.870 | 百叶遮阳0 | 0.088 | 0.076 |
| 18 |  | 2 | 1 | 5.561 | 5.561 | 65 | 0.870 | 百叶遮阳0 | 0.088 | 0.077 |
| 19 |  | 3~6 | 4 | 6.060 | 24.240 | 65 | 0.870 | 百叶遮阳0 | 0.105 | 0.091 |
| 20 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.870 | 百叶遮阳0 | 0.251 | 0.218 |
| 21 |  | 3~5 | 3 | 5.652 | 16.957 | 65 | 0.870 | 百叶遮阳0 | 0.250 | 0.218 |
| 22 |  | 3 | 1 | 3.937 | 3.937 | 65 | 0.870 | 百叶遮阳0 | 0.092 | 0.080 |
| 23 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 24 |  | 3 | 1 | 3.893 | 3.893 | 65 | 0.870 | 百叶遮阳0 | 0.276 | 0.240 |
| 25 |  | 3 | 1 | 5.904 | 5.904 | 65 | 0.870 | 百叶遮阳0 | 0.249 | 0.217 |
| 26 |  | 3,9 | 2 | 4.380 | 8.759 | 65 | 0.870 | 百叶遮阳0 | 0.256 | 0.223 |
| 27 |  | 3,6~8 | 4 | 5.920 | 23.682 | 65 | 0.870 | 百叶遮阳0 | 0.111 | 0.097 |
| 28 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.870 | 百叶遮阳0 | 0.102 | 0.089 |
| 29 |  | 4~5 | 2 | 3.937 | 7.875 | 65 | 0.870 | 百叶遮阳0 | 0.252 | 0.219 |
| 30 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.141 | 0.123 |
| 31 |  | 4~6 | 3 | 3.893 | 11.679 | 65 | 0.870 | 百叶遮阳0 | 0.117 | 0.102 |
| 32 |  | 4~6 | 3 | 5.904 | 17.711 | 65 | 0.870 | 百叶遮阳0 | 0.094 | 0.082 |
| 33 |  | 4~8 | 5 | 4.380 | 21.898 | 65 | 0.870 | 百叶遮阳0 | 0.104 | 0.090 |
| 34 |  | 4~5,9 | 3 | 5.920 | 17.761 | 65 | 0.870 | 百叶遮阳0 | 0.252 | 0.219 |
| 35 |  | 6 | 1 | 5.652 | 5.652 | 65 | 0.870 | 百叶遮阳0 | 0.095 | 0.083 |
| 36 |  | 6 | 1 | 3.937 | 3.937 | 65 | 0.870 | 百叶遮阳0 | 0.092 | 0.080 |
| 37 |  | 7 | 1 | 3.878 | 3.878 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 38 |  | 7 | 1 | 5.810 | 5.810 | 65 | 0.870 | 百叶遮阳0 | 0.109 | 0.095 |
| 39 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.142 | 0.124 |
| 40 |  | 7 | 1 | 3.927 | 3.927 | 65 | 0.870 | 百叶遮阳0 | 0.117 | 0.102 |
| 41 |  | 7 | 1 | 6.073 | 6.073 | 65 | 0.870 | 百叶遮阳0 | 0.094 | 0.081 |
| 42 |  | 7 | 1 | 5.247 | 5.247 | 65 | 0.870 | 百叶遮阳0 | 0.095 | 0.083 |
| 43 |  | 7~8 | 2 | 5.924 | 11.848 | 65 | 0.870 | 百叶遮阳0 | 0.096 | 0.083 |
| 44 |  | 8 | 1 | 5.789 | 5.789 | 65 | 0.870 | 百叶遮阳0 | 0.107 | 0.093 |
| 45 |  | 8~9 | 2 | 5.758 | 11.517 | 65 | 0.870 | 百叶遮阳0 | 0.262 | 0.228 |
| 46 |  | 8 | 1 | 3.930 | 3.930 | 65 | 0.870 | 百叶遮阳0 | 0.105 | 0.091 |
| 47 |  | 8 | 1 | 9.940 | 9.940 | 65 | 0.870 | 百叶遮阳0 | 0.091 | 0.079 |
| 48 |  | 8 | 1 | 5.242 | 5.242 | 65 | 0.870 | 百叶遮阳0 | 0.096 | 0.083 |
| 49 |  | 9 | 1 | 3.930 | 3.930 | 65 | 0.870 | 百叶遮阳0 | 0.253 | 0.220 |
| 50 |  | 9 | 1 | 5.789 | 5.789 | 65 | 0.870 | 百叶遮阳0 | 0.260 | 0.226 |
| 51 |  | 9 | 1 | 9.940 | 9.940 | 65 | 0.870 | 百叶遮阳0 | 0.242 | 0.211 |
| 52 |  | 9 | 1 | 5.242 | 5.242 | 65 | 0.870 | 百叶遮阳0 | 0.254 | 0.221 |
| 53 |  | 9 | 1 | 5.924 | 5.924 | 65 | 0.870 | 百叶遮阳0 | 0.251 | 0.218 |
| 54 |  | 10 | 1 | 5.109 | 5.109 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 55 |  | 10 | 1 | 3.915 | 3.915 | 65 | 0.870 | 百叶遮阳0 | 0.129 | 0.112 |
| 56 |  | 10 | 1 | 3.979 | 3.979 | 65 | 0.870 | 百叶遮阳0 | 0.103 | 0.090 |
| 57 |  | 10 | 1 | 4.246 | 4.246 | 65 | 0.870 | 百叶遮阳0 | 0.101 | 0.088 |
| 58 |  | 10 | 1 | 3.997 | 3.997 | 65 | 0.870 | 百叶遮阳0 | 0.098 | 0.085 |
| 59 |  | 10 | 1 | 4.373 | 4.373 | 65 | 0.870 | 百叶遮阳0 | 0.095 | 0.083 |
| 60 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.096 | 0.083 |
| 61 |  | 10 | 1 | 4.516 | 4.516 | 65 | 0.870 | 百叶遮阳0 | 0.098 | 0.085 |
| 62 |  | 10 | 1 | 3.815 | 3.815 | 65 | 0.870 | 百叶遮阳0 | 0.104 | 0.090 |
| 立面总面积(㎡) | | | | | 533.098 | 综合太阳得热系数 | | | 0.133 | 0.116 |

2. 北向：

北-默认立面

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 窗太阳得热系数 | 外遮阳编号 | 外遮阳系数(含环境遮阳) | 综合太阳得热系数 |
| 1 |  | 1 | 1 | 9.449 | 9.449 | 65 | 0.870 | 百叶遮阳0 | 0.177 | 0.154 |
| 2 |  | 1 | 1 | 47.250 | 47.250 | 65 | 0.870 | 百叶遮阳0 | 0.177 | 0.154 |
| 3 |  | 1 | 1 | 22.652 | 22.652 | 65 | 0.870 | 百叶遮阳0 | 0.178 | 0.155 |
| 4 |  | 1 | 1 | 20.950 | 20.950 | 65 | 0.870 | 百叶遮阳0 | 0.178 | 0.155 |
| 5 |  | 1 | 1 | 10.825 | 10.825 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 6 |  | 1 | 3 | 10.734 | 32.201 | 65 | 0.870 | 百叶遮阳0 | 0.235 | 0.204 |
| 7 |  | 1 | 3 | 10.348 | 31.045 | 65 | 0.870 | 百叶遮阳0 | 0.181 | 0.157 |
| 8 |  | 2 | 1 | 9.030 | 9.030 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 9 |  | 2 | 1 | 20.018 | 20.018 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 10 |  | 2 | 1 | 10.423 | 10.423 | 65 | 0.870 | 百叶遮阳0 | 0.113 | 0.098 |
| 11 |  | 2 | 1 | 66.795 | 66.795 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 12 |  | 2 | 3 | 10.255 | 30.765 | 65 | 0.870 | 百叶遮阳0 | 0.163 | 0.142 |
| 13 |  | 2 | 3 | 9.888 | 29.665 | 65 | 0.870 | 百叶遮阳0 | 0.250 | 0.218 |
| 14 |  | 3~6 | 4 | 5.965 | 23.859 | 65 | 0.870 | 百叶遮阳0 | 0.152 | 0.132 |
| 15 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.870 | 百叶遮阳0 | 0.305 | 0.265 |
| 16 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.870 | 百叶遮阳0 | 0.297 | 0.258 |
| 17 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 18 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.870 | 百叶遮阳0 | 0.298 | 0.259 |
| 19 |  | 3 | 1 | 3.947 | 3.947 | 65 | 0.870 | 百叶遮阳0 | 0.308 | 0.268 |
| 20 |  | 3 | 1 | 5.904 | 5.904 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 21 |  | 3,9 | 3 | 4.380 | 13.139 | 65 | 0.870 | 百叶遮阳0 | 0.313 | 0.272 |
| 22 |  | 3,9 | 2 | 5.920 | 11.841 | 65 | 0.870 | 百叶遮阳0 | 0.306 | 0.266 |
| 23 |  | 3 | 1 | 5.920 | 5.920 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 24 |  | 3~6 | 4 | 4.357 | 17.426 | 65 | 0.870 | 百叶遮阳0 | 0.158 | 0.137 |
| 25 |  | 3 | 1 | 10.026 | 10.026 | 65 | 0.870 | 百叶遮阳0 | 0.311 | 0.271 |
| 26 |  | 3,9 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.378 | 0.329 |
| 27 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.377 | 0.328 |
| 28 |  | 3,9 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.379 | 0.330 |
| 29 |  | 3 | 1 | 4.753 | 4.753 | 65 | 0.870 | 百叶遮阳0 | 0.334 | 0.291 |
| 30 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.870 | 百叶遮阳0 | 0.159 | 0.138 |
| 31 |  | 4~6 | 3 | 5.980 | 17.940 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 32 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 33 |  | 4~6 | 3 | 5.980 | 17.940 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 34 |  | 4~6 | 3 | 3.947 | 11.840 | 65 | 0.870 | 百叶遮阳0 | 0.156 | 0.136 |
| 35 |  | 4~6 | 3 | 5.904 | 17.711 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 36 |  | 4~6 | 3 | 4.380 | 13.139 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 37 |  | 4~6,8 | 4 | 5.920 | 23.682 | 65 | 0.870 | 百叶遮阳0 | 0.163 | 0.142 |
| 38 |  | 4~6,8 | 4 | 4.380 | 17.518 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 39 |  | 4~6 | 3 | 5.920 | 17.761 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 40 |  | 4~6 | 3 | 10.026 | 30.077 | 65 | 0.870 | 百叶遮阳0 | 0.165 | 0.144 |
| 41 |  | 4~8,10 | 22 | 3.870 | 85.140 | 65 | 0.870 | 百叶遮阳0 | 0.224 | 0.195 |
| 42 |  | 4~7 | 4 | 3.870 | 15.480 | 65 | 0.870 | 百叶遮阳0 | 0.223 | 0.194 |
| 43 |  | 4~6 | 3 | 4.753 | 14.259 | 65 | 0.870 | 百叶遮阳0 | 0.187 | 0.163 |
| 44 |  | 7 | 1 | 9.992 | 9.992 | 65 | 0.870 | 百叶遮阳0 | 0.165 | 0.144 |
| 45 |  | 7 | 1 | 4.390 | 4.390 | 65 | 0.870 | 百叶遮阳0 | 0.158 | 0.137 |
| 46 |  | 7 | 1 | 5.998 | 5.998 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 47 |  | 7 | 1 | 4.379 | 4.379 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 48 |  | 7 | 1 | 5.763 | 5.763 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 49 |  | 7 | 1 | 4.439 | 4.439 | 65 | 0.870 | 百叶遮阳0 | 0.178 | 0.155 |
| 50 |  | 7 | 1 | 4.097 | 4.097 | 65 | 0.870 | 百叶遮阳0 | 0.155 | 0.135 |
| 51 |  | 7 | 1 | 5.903 | 5.903 | 65 | 0.870 | 百叶遮阳0 | 0.152 | 0.132 |
| 52 |  | 7 | 1 | 4.022 | 4.022 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 53 |  | 7 | 1 | 5.828 | 5.828 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 54 |  | 7 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.159 | 0.138 |
| 55 |  | 7 | 1 | 5.993 | 5.993 | 65 | 0.870 | 百叶遮阳0 | 0.153 | 0.133 |
| 56 |  | 7 | 1 | 4.799 | 4.799 | 65 | 0.870 | 百叶遮阳0 | 0.186 | 0.162 |
| 57 |  | 8 | 1 | 0.234 | 0.234 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 58 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 59 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 60 |  | 8 | 1 | 4.707 | 4.707 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 61 |  | 8 | 1 | 5.776 | 5.776 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 62 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.158 | 0.137 |
| 63 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 64 |  | 8 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.156 | 0.136 |
| 65 |  | 8 | 1 | 5.904 | 5.904 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 66 |  | 8 | 1 | 4.380 | 4.380 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 67 |  | 8 | 1 | 5.920 | 5.920 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 68 |  | 8~9 | 2 | 4.390 | 8.780 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 69 |  | 8 | 1 | 6.295 | 6.295 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 70 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.219 | 0.191 |
| 71 |  | 9 | 1 | 4.707 | 4.707 | 65 | 0.870 | 百叶遮阳0 | 0.331 | 0.288 |
| 72 |  | 9 | 1 | 6.011 | 6.011 | 65 | 0.870 | 百叶遮阳0 | 0.300 | 0.261 |
| 73 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.305 | 0.265 |
| 74 |  | 9 | 2 | 5.978 | 11.957 | 65 | 0.870 | 百叶遮阳0 | 0.297 | 0.258 |
| 75 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 76 |  | 9 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.309 | 0.269 |
| 77 |  | 9 | 1 | 5.904 | 5.904 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 78 |  | 9 | 1 | 4.380 | 4.380 | 65 | 0.870 | 百叶遮阳0 | 0.313 | 0.272 |
| 79 |  | 9 | 1 | 5.920 | 5.920 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 80 |  | 9 | 1 | 6.295 | 6.295 | 65 | 0.870 | 百叶遮阳0 | 0.321 | 0.279 |
| 81 |  | 9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.372 | 0.324 |
| 82 |  | 10 | 1 | 6.316 | 6.316 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 83 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.225 | 0.196 |
| 84 |  | 10 | 1 | 4.730 | 4.730 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 85 |  | 10 | 1 | 4.451 | 4.451 | 65 | 0.870 | 百叶遮阳0 | 0.158 | 0.137 |
| 86 |  | 10 | 1 | 5.841 | 5.841 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 87 |  | 10 | 1 | 4.458 | 4.458 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 88 |  | 10 | 1 | 5.762 | 5.762 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 89 |  | 10 | 1 | 4.536 | 4.536 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 90 |  | 10 | 1 | 5.801 | 5.801 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 91 |  | 10 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.156 | 0.136 |
| 92 |  | 10 | 1 | 6.054 | 6.054 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 93 |  | 10 | 1 | 4.021 | 4.021 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 94 |  | 10 | 1 | 5.979 | 5.979 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 95 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.160 | 0.139 |
| 96 |  | 10 | 1 | 5.988 | 5.988 | 65 | 0.870 | 百叶遮阳0 | 0.152 | 0.132 |
| 立面总面积(㎡) | | | | | 1070.573 | 综合太阳得热系数 | | | 0.199 | 0.173 |

3. 东向：

东-默认立面

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 窗太阳得热系数 | 外遮阳编号 | 外遮阳系数(含环境遮阳) | 综合太阳得热系数 |
| 1 |  | 1 | 1 | 1.078 | 1.078 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 2 |  | 1 | 1 | 16.205 | 16.205 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 3 |  | 1 | 1 | 9.900 | 9.900 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 4 |  | 1 | 1 | 36.189 | 36.189 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 5 |  | 1 | 1 | 35.802 | 35.802 | 65 | 0.870 | 百叶遮阳0 | 0.175 | 0.152 |
| 6 |  | 1 | 1 | 9.900 | 9.900 | 65 | 0.870 | 百叶遮阳0 | 0.175 | 0.152 |
| 7 |  | 1 | 1 | 16.623 | 16.623 | 65 | 0.870 | 百叶遮阳0 | 0.175 | 0.152 |
| 8 |  | 1 | 1 | 23.655 | 23.655 | 65 | 0.870 | 百叶遮阳0 | 0.192 | 0.167 |
| 9 |  | 1 | 1 | 24.854 | 24.854 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 10 |  | 1 | 1 | 33.386 | 33.386 | 65 | 0.870 | 百叶遮阳0 | 0.310 | 0.270 |
| 11 |  | 1 | 1 | 9.203 | 9.203 | 65 | 0.870 | 百叶遮阳0 | 0.163 | 0.142 |
| 12 |  | 1 | 1 | 4.769 | 4.769 | 65 | 0.870 | 百叶遮阳0 | 0.191 | 0.166 |
| 13 |  | 1 | 1 | 5.944 | 5.944 | 65 | 0.870 | 百叶遮阳0 | 0.194 | 0.169 |
| 14 |  | 1 | 1 | 5.820 | 5.820 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 15 |  | 1 | 3 | 9.005 | 27.016 | 65 | 0.870 | 百叶遮阳0 | 0.193 | 0.168 |
| 16 |  | 2 | 1 | 2.829 | 2.829 | 65 | 0.870 | 百叶遮阳0 | 0.149 | 0.130 |
| 17 |  | 2 | 1 | 2.363 | 2.363 | 65 | 0.870 | 百叶遮阳0 | 0.169 | 0.147 |
| 18 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.870 | 百叶遮阳0 | 0.143 | 0.124 |
| 19 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.870 | 百叶遮阳0 | 0.135 | 0.117 |
| 20 |  | 2 | 1 | 3.538 | 3.538 | 65 | 0.870 | 百叶遮阳0 | 0.118 | 0.103 |
| 21 |  | 2 | 1 | 10.157 | 10.157 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 22 |  | 2 | 4 | 2.139 | 8.556 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 23 |  | 2 | 4 | 2.760 | 11.040 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 24 |  | 2 | 1 | 0.249 | 0.249 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 25 |  | 2 | 1 | 0.189 | 0.189 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 26 |  | 2 | 1 | 0.271 | 0.271 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 27 |  | 2 | 1 | 18.387 | 18.387 | 65 | 0.870 | 百叶遮阳0 | 0.106 | 0.092 |
| 28 |  | 2 | 1 | 0.618 | 0.618 | 65 | 0.870 | 百叶遮阳0 | 0.079 | 0.068 |
| 29 |  | 2 | 1 | 18.378 | 18.378 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 30 |  | 2 | 4 | 2.139 | 8.556 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 31 |  | 2 | 4 | 2.760 | 11.040 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 32 |  | 2 | 1 | 0.275 | 0.275 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 33 |  | 2 | 1 | 0.198 | 0.198 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 34 |  | 2 | 1 | 0.237 | 0.237 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 35 |  | 2 | 1 | 10.165 | 10.165 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 36 |  | 2 | 1 | 5.934 | 5.934 | 65 | 0.870 | 百叶遮阳0 | 0.145 | 0.126 |
| 37 |  | 2 | 1 | 0.056 | 0.056 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 38 |  | 2 | 3 | 1.674 | 5.022 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 39 |  | 2 | 3 | 2.160 | 6.480 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 40 |  | 2 | 1 | 0.224 | 0.224 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 41 |  | 2 | 1 | 0.305 | 0.305 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 42 |  | 2 | 1 | 8.045 | 8.045 | 65 | 0.870 | 百叶遮阳0 | 0.231 | 0.201 |
| 43 |  | 2 | 1 | 0.615 | 0.615 | 65 | 0.870 | 百叶遮阳0 | 0.057 | 0.049 |
| 44 |  | 2 | 1 | 17.815 | 17.815 | 65 | 0.870 | 百叶遮阳0 | 0.141 | 0.123 |
| 45 |  | 2 | 1 | 0.206 | 0.206 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 46 |  | 2 | 2 | 1.563 | 3.127 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 47 |  | 2 | 2 | 2.017 | 4.034 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 48 |  | 2 | 1 | 0.018 | 0.018 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 49 |  | 2 | 1 | 0.023 | 0.023 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 50 |  | 2 | 1 | 7.177 | 7.177 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 51 |  | 2 | 1 | 1.030 | 1.030 | 65 | 0.870 | 百叶遮阳0 | 0.184 | 0.160 |
| 52 |  | 2 | 1 | 2.363 | 2.363 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 53 |  | 2 | 1 | 2.829 | 2.829 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 54 |  | 2 | 1 | 5.561 | 5.561 | 65 | 0.870 | 百叶遮阳0 | 0.136 | 0.118 |
| 55 |  | 2 | 3 | 8.827 | 26.481 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 56 |  | 3,9 | 2 | 4.380 | 8.759 | 65 | 0.870 | 百叶遮阳0 | 0.266 | 0.231 |
| 57 |  | 3 | 1 | 5.920 | 5.920 | 65 | 0.870 | 百叶遮阳0 | 0.280 | 0.244 |
| 58 |  | 3~5 | 3 | 4.357 | 13.070 | 65 | 0.870 | 百叶遮阳0 | 0.294 | 0.256 |
| 59 |  | 3 | 1 | 6.037 | 6.037 | 65 | 0.870 | 百叶遮阳0 | 0.301 | 0.262 |
| 60 |  | 3~5,9 | 5 | 3.870 | 19.350 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 61 |  | 3,8~9 | 11 | 3.870 | 42.570 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 62 |  | 3~6 | 4 | 3.870 | 15.482 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 63 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 64 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 65 |  | 3 | 1 | 3.871 | 3.871 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 66 |  | 3~6 | 7 | 3.870 | 27.087 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 67 |  | 3~7 | 6 | 4.506 | 27.035 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 68 |  | 3,6 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.169 | 0.147 |
| 69 |  | 3 | 1 | 4.506 | 4.506 | 65 | 0.870 | 百叶遮阳0 | 0.320 | 0.278 |
| 70 |  | 3~8 | 19 | 3.870 | 73.530 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 71 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 72 |  | 3~5,8~9 | 5 | 3.870 | 19.350 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 73 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.323 | 0.281 |
| 74 |  | 3~6 | 4 | 3.888 | 15.552 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 75 |  | 3 | 1 | 4.679 | 4.679 | 65 | 0.870 | 百叶遮阳0 | 0.300 | 0.261 |
| 76 |  | 3,6 | 2 | 3.937 | 7.873 | 65 | 0.870 | 百叶遮阳0 | 0.160 | 0.139 |
| 77 |  | 3 | 1 | 4.694 | 4.694 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 78 |  | 3,6,8 | 3 | 3.937 | 11.810 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 79 |  | 3 | 1 | 4.694 | 4.694 | 65 | 0.870 | 百叶遮阳0 | 0.316 | 0.275 |
| 80 |  | 3 | 1 | 3.918 | 3.918 | 65 | 0.870 | 百叶遮阳0 | 0.315 | 0.274 |
| 81 |  | 3 | 1 | 11.317 | 11.317 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 82 |  | 3 | 1 | 5.183 | 5.183 | 65 | 0.870 | 百叶遮阳0 | 0.339 | 0.295 |
| 83 |  | 4~8 | 5 | 4.380 | 21.898 | 65 | 0.870 | 百叶遮阳0 | 0.122 | 0.106 |
| 84 |  | 4~6 | 3 | 5.920 | 17.761 | 65 | 0.870 | 百叶遮阳0 | 0.132 | 0.115 |
| 85 |  | 4~7 | 4 | 6.037 | 24.147 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 86 |  | 4~6,10 | 9 | 3.870 | 34.830 | 65 | 0.870 | 百叶遮阳0 | 0.169 | 0.147 |
| 87 |  | 4~8 | 22 | 3.870 | 85.140 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 88 |  | 4~6 | 3 | 3.870 | 11.609 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 89 |  | 4~6 | 3 | 3.871 | 11.613 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 90 |  | 4~5 | 2 | 4.506 | 9.012 | 65 | 0.870 | 百叶遮阳0 | 0.321 | 0.279 |
| 91 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 92 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 93 |  | 4~6 | 3 | 3.870 | 11.609 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 94 |  | 4~6 | 3 | 4.679 | 14.037 | 65 | 0.870 | 百叶遮阳0 | 0.149 | 0.130 |
| 95 |  | 4~5 | 2 | 3.937 | 7.873 | 65 | 0.870 | 百叶遮阳0 | 0.311 | 0.271 |
| 96 |  | 4~6 | 3 | 4.694 | 14.083 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 97 |  | 4~5,9 | 3 | 3.937 | 11.810 | 65 | 0.870 | 百叶遮阳0 | 0.318 | 0.277 |
| 98 |  | 4~6 | 3 | 4.694 | 14.083 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 99 |  | 4~6 | 3 | 3.918 | 11.755 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 100 |  | 4~6 | 3 | 11.317 | 33.952 | 65 | 0.870 | 百叶遮阳0 | 0.164 | 0.143 |
| 101 |  | 4~6 | 3 | 5.183 | 15.549 | 65 | 0.870 | 百叶遮阳0 | 0.185 | 0.161 |
| 102 |  | 6 | 1 | 4.357 | 4.357 | 65 | 0.870 | 百叶遮阳0 | 0.143 | 0.124 |
| 103 |  | 7 | 1 | 5.920 | 5.920 | 65 | 0.870 | 百叶遮阳0 | 0.132 | 0.115 |
| 104 |  | 7 | 1 | 4.357 | 4.357 | 65 | 0.870 | 百叶遮阳0 | 0.143 | 0.124 |
| 105 |  | 7,10 | 5 | 3.870 | 19.350 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 106 |  | 7~8 | 2 | 4.506 | 9.012 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 107 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 108 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 109 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 110 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 111 |  | 7 | 1 | 4.004 | 4.004 | 65 | 0.870 | 百叶遮阳0 | 0.160 | 0.139 |
| 112 |  | 7 | 1 | 28.511 | 28.511 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 113 |  | 7 | 1 | 3.943 | 3.943 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 114 |  | 7 | 1 | 4.760 | 4.760 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 115 |  | 7 | 1 | 3.804 | 3.804 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 116 |  | 7 | 1 | 4.694 | 4.694 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 117 |  | 7 | 1 | 4.068 | 4.068 | 65 | 0.870 | 百叶遮阳0 | 0.159 | 0.138 |
| 118 |  | 7 | 1 | 4.497 | 4.497 | 65 | 0.870 | 百叶遮阳0 | 0.149 | 0.130 |
| 119 |  | 8 | 1 | 9.982 | 9.982 | 65 | 0.870 | 百叶遮阳0 | 0.141 | 0.123 |
| 120 |  | 8 | 1 | 5.806 | 5.806 | 65 | 0.870 | 百叶遮阳0 | 0.152 | 0.132 |
| 121 |  | 8 | 1 | 5.921 | 5.921 | 65 | 0.870 | 百叶遮阳0 | 0.132 | 0.115 |
| 122 |  | 8 | 1 | 4.323 | 4.323 | 65 | 0.870 | 百叶遮阳0 | 0.143 | 0.124 |
| 123 |  | 8 | 1 | 6.070 | 6.070 | 65 | 0.870 | 百叶遮阳0 | 0.150 | 0.131 |
| 124 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 125 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 126 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 127 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 128 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 129 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 130 |  | 8~9 | 2 | 4.506 | 9.012 | 65 | 0.870 | 百叶遮阳0 | 0.321 | 0.279 |
| 131 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 132 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.172 | 0.150 |
| 133 |  | 8 | 1 | 3.604 | 3.604 | 65 | 0.870 | 百叶遮阳0 | 0.149 | 0.130 |
| 134 |  | 8 | 1 | 3.945 | 3.945 | 65 | 0.870 | 百叶遮阳0 | 0.160 | 0.139 |
| 135 |  | 8 | 1 | 4.694 | 4.694 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 136 |  | 8~9 | 2 | 4.694 | 9.389 | 65 | 0.870 | 百叶遮阳0 | 0.316 | 0.275 |
| 137 |  | 8 | 1 | 3.915 | 3.915 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 138 |  | 8 | 1 | 9.500 | 9.500 | 65 | 0.870 | 百叶遮阳0 | 0.165 | 0.144 |
| 139 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.205 | 0.178 |
| 140 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.357 | 0.311 |
| 141 |  | 8 | 1 | 3.893 | 3.893 | 65 | 0.870 | 百叶遮阳0 | 0.195 | 0.170 |
| 142 |  | 9 | 1 | 5.921 | 5.921 | 65 | 0.870 | 百叶遮阳0 | 0.280 | 0.244 |
| 143 |  | 9 | 1 | 4.323 | 4.323 | 65 | 0.870 | 百叶遮阳0 | 0.294 | 0.256 |
| 144 |  | 9 | 1 | 6.070 | 6.070 | 65 | 0.870 | 百叶遮阳0 | 0.301 | 0.262 |
| 145 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.330 | 0.287 |
| 146 |  | 9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.323 | 0.281 |
| 147 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 148 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.324 | 0.282 |
| 149 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 150 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 151 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.329 | 0.286 |
| 152 |  | 9 | 1 | 4.506 | 4.506 | 65 | 0.870 | 百叶遮阳0 | 0.320 | 0.278 |
| 153 |  | 9 | 1 | 3.917 | 3.917 | 65 | 0.870 | 百叶遮阳0 | 0.317 | 0.276 |
| 154 |  | 9 | 1 | 5.385 | 5.385 | 65 | 0.870 | 百叶遮阳0 | 0.298 | 0.259 |
| 155 |  | 9 | 1 | 3.945 | 3.945 | 65 | 0.870 | 百叶遮阳0 | 0.311 | 0.271 |
| 156 |  | 9 | 1 | 4.694 | 4.694 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 157 |  | 9 | 1 | 3.915 | 3.915 | 65 | 0.870 | 百叶遮阳0 | 0.315 | 0.274 |
| 158 |  | 9 | 1 | 9.500 | 9.500 | 65 | 0.870 | 百叶遮阳0 | 0.313 | 0.272 |
| 159 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.363 | 0.316 |
| 160 |  | 9 | 1 | 3.893 | 3.893 | 65 | 0.870 | 百叶遮阳0 | 0.352 | 0.306 |
| 161 |  | 10 | 1 | 5.160 | 5.160 | 65 | 0.870 | 百叶遮阳0 | 0.153 | 0.133 |
| 162 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 163 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.169 | 0.147 |
| 164 |  | 10 | 2 | 4.506 | 9.012 | 65 | 0.870 | 百叶遮阳0 | 0.166 | 0.144 |
| 165 |  | 10 | 1 | 3.901 | 3.901 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 166 |  | 10 | 1 | 9.481 | 9.481 | 65 | 0.870 | 百叶遮阳0 | 0.165 | 0.144 |
| 167 |  | 10 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.201 | 0.175 |
| 168 |  | 10 | 1 | 3.916 | 3.916 | 65 | 0.870 | 百叶遮阳0 | 0.195 | 0.170 |
| 169 |  | 10 | 1 | 5.791 | 5.791 | 65 | 0.870 | 百叶遮阳0 | 0.115 | 0.100 |
| 170 |  | 10 | 1 | 3.579 | 3.579 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 171 |  | 10 | 1 | 5.018 | 5.018 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 172 |  | 10 | 1 | 4.029 | 4.029 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 173 |  | 10 | 1 | 4.598 | 4.598 | 65 | 0.870 | 百叶遮阳0 | 0.162 | 0.141 |
| 174 |  | 10 | 1 | 3.976 | 3.976 | 65 | 0.870 | 百叶遮阳0 | 0.160 | 0.139 |
| 175 |  | 10 | 1 | 5.400 | 5.400 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 176 |  | 10 | 1 | 5.926 | 5.926 | 65 | 0.870 | 百叶遮阳0 | 0.138 | 0.120 |
| 177 |  | 10 | 1 | 5.246 | 5.246 | 65 | 0.870 | 百叶遮阳0 | 0.130 | 0.113 |
| 178 | C1721 | 2 | 1 | 3.648 | 3.648 | 18 | 0.261 | 百叶遮阳0 | 0.201 | 0.052 |
| 179 | C1721 | 2 | 1 | 0.041 | 0.041 | 18 | 0.261 | 百叶遮阳0 | 0.200 | 0.052 |
| 180 | C1721 | 2 | 1 | 3.648 | 3.648 | 18 | 0.261 | 百叶遮阳0 | 0.200 | 0.052 |
| 181 | C1821 | 2 | 1 | 3.906 | 3.906 | 18 | 0.261 | 百叶遮阳0 | 0.176 | 0.046 |
| 182 | C1821 | 2 | 2 | 3.906 | 7.812 | 18 | 0.261 | 百叶遮阳0 | 0.175 | 0.046 |
| 183 | C2321 | 2 | 7 | 4.991 | 34.937 | 18 | 0.261 | 百叶遮阳0 | 0.166 | 0.043 |
| 184 | C2321 | 2 | 1 | 4.991 | 4.991 | 18 | 0.261 | 百叶遮阳0 | 0.165 | 0.043 |
| 立面总面积(㎡) | | | | | 1692.809 | 综合太阳得热系数 | | | 0.198 | 0.168 |

4. 西向：

西-默认立面

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 门窗编号 | 楼层 | 数量 | 单个面积（㎡） | 总面积（㎡） | 构造编号 | 窗太阳得热系数 | 外遮阳编号 | 外遮阳系数(含环境遮阳) | 综合太阳得热系数 |
| 1 |  | 1 | 1 | 75.186 | 75.186 | 65 | 0.870 | 百叶遮阳0 | 0.171 | 0.149 |
| 2 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.870 | 百叶遮阳0 | 0.171 | 0.149 |
| 3 |  | 1 | 1 | 0.563 | 0.563 | 65 | 0.870 | 百叶遮阳0 | 0.171 | 0.149 |
| 4 |  | 1 | 1 | 19.109 | 19.109 | 65 | 0.870 | 百叶遮阳0 | 0.168 | 0.146 |
| 5 |  | 1 | 1 | 0.194 | 0.194 | 65 | 0.870 | 百叶遮阳0 | 0.187 | 0.163 |
| 6 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.870 | 百叶遮阳0 | 0.187 | 0.163 |
| 7 |  | 1 | 1 | 9.887 | 9.887 | 65 | 0.870 | 百叶遮阳0 | 0.187 | 0.163 |
| 8 |  | 1 | 1 | 9.558 | 9.558 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 9 |  | 1 | 1 | 47.790 | 47.790 | 65 | 0.870 | 百叶遮阳0 | 0.167 | 0.145 |
| 10 |  | 1 | 1 | 0.801 | 0.801 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 11 |  | 1 | 1 | 4.400 | 4.400 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 12 |  | 1 | 1 | 48.803 | 48.803 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 13 |  | 1 | 3 | 7.196 | 21.588 | 65 | 0.870 | 百叶遮阳0 | 0.205 | 0.178 |
| 14 |  | 1 | 1 | 10.348 | 10.348 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 15 |  | 2 | 1 | 9.201 | 9.201 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 16 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.103 | 0.090 |
| 17 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.119 | 0.104 |
| 18 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.130 | 0.113 |
| 19 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.138 | 0.120 |
| 20 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.145 | 0.126 |
| 21 |  | 2 | 1 | 27.417 | 27.417 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 22 |  | 2 | 5 | 1.953 | 9.765 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 23 |  | 2 | 5 | 2.520 | 12.600 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 24 |  | 2 | 1 | 0.065 | 0.065 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 25 |  | 2 | 1 | 0.327 | 0.327 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 26 |  | 2 | 1 | 0.460 | 0.460 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 27 |  | 2 | 1 | 0.710 | 0.710 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 28 |  | 2 | 1 | 0.254 | 0.254 | 65 | 0.870 | 百叶遮阳0 | 0.161 | 0.140 |
| 29 |  | 2 | 1 | 8.930 | 8.930 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 30 |  | 2 | 1 | 36.520 | 36.520 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 31 |  | 2 | 1 | 18.277 | 18.277 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 32 |  | 2 | 1 | 9.391 | 9.391 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 33 |  | 2 | 2 | 1.942 | 3.884 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 34 |  | 2 | 2 | 2.506 | 5.011 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 35 |  | 2 | 1 | 0.011 | 0.011 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 36 |  | 2 | 1 | 0.014 | 0.014 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 37 |  | 2 | 1 | 27.430 | 27.430 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 38 |  | 2 | 1 | 26.136 | 26.136 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 39 |  | 2 | 1 | 3.458 | 3.458 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 40 |  | 2 | 1 | 9.888 | 9.888 | 65 | 0.870 | 百叶遮阳0 | 0.145 | 0.126 |
| 41 |  | 3 | 1 | 5.980 | 5.980 | 65 | 0.870 | 百叶遮阳0 | 0.303 | 0.264 |
| 42 |  | 3 | 1 | 3.954 | 3.954 | 65 | 0.870 | 百叶遮阳0 | 0.305 | 0.265 |
| 43 |  | 3 | 1 | 9.721 | 9.721 | 65 | 0.870 | 百叶遮阳0 | 0.308 | 0.268 |
| 44 |  | 3~8 | 31 | 3.870 | 119.970 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 45 |  | 3~8 | 47 | 3.870 | 181.890 | 65 | 0.870 | 百叶遮阳0 | 0.176 | 0.153 |
| 46 |  | 3~5,8~9 | 22 | 3.870 | 85.140 | 65 | 0.870 | 百叶遮阳0 | 0.338 | 0.294 |
| 47 |  | 3~5,8~9 | 20 | 3.870 | 77.400 | 65 | 0.870 | 百叶遮阳0 | 0.343 | 0.298 |
| 48 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.343 | 0.298 |
| 49 |  | 3~6,8,10 | 12 | 3.870 | 46.440 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 50 |  | 3 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.342 | 0.298 |
| 51 |  | 3~7 | 7 | 3.870 | 27.090 | 65 | 0.870 | 百叶遮阳0 | 0.175 | 0.152 |
| 52 |  | 3 | 1 | 3.892 | 3.892 | 65 | 0.870 | 百叶遮阳0 | 0.312 | 0.271 |
| 53 |  | 3~6 | 4 | 5.637 | 22.549 | 65 | 0.870 | 百叶遮阳0 | 0.143 | 0.124 |
| 54 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.870 | 百叶遮阳0 | 0.303 | 0.264 |
| 55 |  | 3,6 | 2 | 5.652 | 11.305 | 65 | 0.870 | 百叶遮阳0 | 0.136 | 0.118 |
| 56 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.870 | 百叶遮阳0 | 0.292 | 0.254 |
| 57 |  | 3~5 | 3 | 5.652 | 16.957 | 65 | 0.870 | 百叶遮阳0 | 0.277 | 0.241 |
| 58 |  | 3 | 1 | 3.944 | 3.944 | 65 | 0.870 | 百叶遮阳0 | 0.270 | 0.235 |
| 59 |  | 3 | 1 | 5.652 | 5.652 | 65 | 0.870 | 百叶遮阳0 | 0.254 | 0.221 |
| 60 |  | 4~6 | 3 | 5.980 | 17.939 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 61 |  | 4~6 | 3 | 3.954 | 11.861 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 62 |  | 4~6 | 3 | 9.721 | 29.164 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 63 |  | 4~6 | 3 | 3.870 | 11.610 | 65 | 0.870 | 百叶遮阳0 | 0.176 | 0.153 |
| 64 |  | 4~5 | 2 | 3.892 | 7.784 | 65 | 0.870 | 百叶遮阳0 | 0.151 | 0.131 |
| 65 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.870 | 百叶遮阳0 | 0.141 | 0.123 |
| 66 |  | 4~5 | 2 | 5.652 | 11.305 | 65 | 0.870 | 百叶遮阳0 | 0.296 | 0.258 |
| 67 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.870 | 百叶遮阳0 | 0.132 | 0.115 |
| 68 |  | 4~6 | 3 | 3.944 | 11.832 | 65 | 0.870 | 百叶遮阳0 | 0.119 | 0.104 |
| 69 |  | 4~6 | 3 | 5.652 | 16.957 | 65 | 0.870 | 百叶遮阳0 | 0.105 | 0.091 |
| 70 |  | 6 | 1 | 3.892 | 3.892 | 65 | 0.870 | 百叶遮阳0 | 0.152 | 0.132 |
| 71 |  | 6 | 1 | 5.652 | 5.652 | 65 | 0.870 | 百叶遮阳0 | 0.121 | 0.105 |
| 72 |  | 7 | 1 | 5.919 | 5.919 | 65 | 0.870 | 百叶遮阳0 | 0.141 | 0.123 |
| 73 |  | 7 | 1 | 3.950 | 3.950 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 74 |  | 7 | 1 | 5.723 | 5.723 | 65 | 0.870 | 百叶遮阳0 | 0.138 | 0.120 |
| 75 |  | 7~8 | 2 | 3.945 | 7.890 | 65 | 0.870 | 百叶遮阳0 | 0.135 | 0.117 |
| 76 |  | 7 | 1 | 5.797 | 5.797 | 65 | 0.870 | 百叶遮阳0 | 0.127 | 0.110 |
| 77 |  | 7 | 1 | 3.946 | 3.946 | 65 | 0.870 | 百叶遮阳0 | 0.122 | 0.106 |
| 78 |  | 7 | 1 | 5.798 | 5.798 | 65 | 0.870 | 百叶遮阳0 | 0.109 | 0.095 |
| 79 |  | 7 | 1 | 3.877 | 3.877 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 80 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 81 |  | 7 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 82 |  | 7 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.176 | 0.153 |
| 83 |  | 7 | 1 | 9.722 | 9.722 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 84 |  | 7 | 1 | 3.877 | 3.877 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 85 |  | 7 | 1 | 5.979 | 5.979 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 86 |  | 8 | 1 | 5.798 | 5.798 | 65 | 0.870 | 百叶遮阳0 | 0.127 | 0.110 |
| 87 |  | 8 | 1 | 5.092 | 5.092 | 65 | 0.870 | 百叶遮阳0 | 0.145 | 0.126 |
| 88 |  | 8 | 1 | 5.978 | 5.978 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 89 |  | 8 | 1 | 3.893 | 3.893 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 90 |  | 8 | 1 | 9.782 | 9.782 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 91 |  | 8 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.173 | 0.151 |
| 92 |  | 8~9 | 2 | 3.870 | 7.740 | 65 | 0.870 | 百叶遮阳0 | 0.338 | 0.294 |
| 93 |  | 8 | 1 | 3.054 | 3.054 | 65 | 0.870 | 百叶遮阳0 | 0.137 | 0.119 |
| 94 |  | 8 | 1 | 9.735 | 9.735 | 65 | 0.870 | 百叶遮阳0 | 0.295 | 0.257 |
| 95 |  | 8 | 1 | 3.971 | 3.971 | 65 | 0.870 | 百叶遮阳0 | 0.145 | 0.126 |
| 96 |  | 8~9 | 2 | 5.798 | 11.595 | 65 | 0.870 | 百叶遮阳0 | 0.299 | 0.260 |
| 97 |  | 8 | 1 | 3.900 | 3.900 | 65 | 0.870 | 百叶遮阳0 | 0.123 | 0.107 |
| 98 |  | 8 | 1 | 5.843 | 5.843 | 65 | 0.870 | 百叶遮阳0 | 0.109 | 0.095 |
| 99 |  | 9 | 1 | 5.092 | 5.092 | 65 | 0.870 | 百叶遮阳0 | 0.304 | 0.264 |
| 100 |  | 9 | 1 | 5.978 | 5.978 | 65 | 0.870 | 百叶遮阳0 | 0.303 | 0.264 |
| 101 |  | 9 | 1 | 3.893 | 3.893 | 65 | 0.870 | 百叶遮阳0 | 0.305 | 0.265 |
| 102 |  | 9 | 1 | 9.782 | 9.782 | 65 | 0.870 | 百叶遮阳0 | 0.308 | 0.268 |
| 103 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.338 | 0.294 |
| 104 |  | 9 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.340 | 0.296 |
| 105 |  | 9 | 1 | 3.054 | 3.054 | 65 | 0.870 | 百叶遮阳0 | 0.294 | 0.256 |
| 106 |  | 9 | 1 | 9.735 | 9.735 | 65 | 0.870 | 百叶遮阳0 | 0.296 | 0.258 |
| 107 |  | 9 | 1 | 3.937 | 3.937 | 65 | 0.870 | 百叶遮阳0 | 0.307 | 0.267 |
| 108 |  | 9 | 1 | 3.945 | 3.945 | 65 | 0.870 | 百叶遮阳0 | 0.295 | 0.257 |
| 109 |  | 9 | 1 | 5.798 | 5.798 | 65 | 0.870 | 百叶遮阳0 | 0.284 | 0.247 |
| 110 |  | 9 | 1 | 3.900 | 3.900 | 65 | 0.870 | 百叶遮阳0 | 0.275 | 0.239 |
| 111 |  | 9 | 1 | 5.843 | 5.843 | 65 | 0.870 | 百叶遮阳0 | 0.259 | 0.225 |
| 112 |  | 10 | 1 | 3.587 | 3.587 | 65 | 0.870 | 百叶遮阳0 | 0.247 | 0.215 |
| 113 |  | 10 | 1 | 5.325 | 5.325 | 65 | 0.870 | 百叶遮阳0 | 0.107 | 0.093 |
| 114 |  | 10 | 1 | 9.736 | 9.736 | 65 | 0.870 | 百叶遮阳0 | 0.148 | 0.129 |
| 115 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.177 | 0.154 |
| 116 |  | 10 | 9 | 3.870 | 34.830 | 65 | 0.870 | 百叶遮阳0 | 0.177 | 0.154 |
| 117 |  | 10 | 1 | 3.870 | 3.870 | 65 | 0.870 | 百叶遮阳0 | 0.174 | 0.151 |
| 118 |  | 10 | 1 | 8.143 | 8.143 | 65 | 0.870 | 百叶遮阳0 | 0.142 | 0.124 |
| 119 |  | 10 | 1 | 9.711 | 9.711 | 65 | 0.870 | 百叶遮阳0 | 0.139 | 0.121 |
| 120 |  | 10 | 1 | 3.851 | 3.851 | 65 | 0.870 | 百叶遮阳0 | 0.121 | 0.105 |
| 121 |  | 10 | 1 | 5.270 | 5.270 | 65 | 0.870 | 百叶遮阳0 | 0.124 | 0.108 |
| 122 |  | 10 | 1 | 0.443 | 0.443 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 123 |  | 10 | 1 | 0.767 | 0.767 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 124 |  | 10 | 1 | 3.825 | 3.825 | 65 | 0.870 | 百叶遮阳0 | 0.135 | 0.117 |
| 125 |  | 10 | 1 | 5.916 | 5.916 | 65 | 0.870 | 百叶遮阳0 | 0.138 | 0.120 |
| 126 |  | 10 | 1 | 3.889 | 3.889 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 127 |  | 10 | 1 | 3.892 | 3.892 | 65 | 0.870 | 百叶遮阳0 | 0.146 | 0.127 |
| 128 |  | 10 | 1 | 5.950 | 5.950 | 65 | 0.870 | 百叶遮阳0 | 0.147 | 0.128 |
| 129 | C2121 | 2 | 5 | 4.557 | 22.785 | 18 | 0.261 | 百叶遮阳0 | 0.179 | 0.047 |
| 130 | C2121 | 2 | 2 | 4.531 | 9.062 | 18 | 0.261 | 百叶遮阳0 | 0.179 | 0.047 |
| 131 | C2121 | 2 | 1 | 0.026 | 0.026 | 18 | 0.261 | 百叶遮阳0 | 0.179 | 0.047 |
| 立面总面积(㎡) | | | | | 1644.893 | 综合太阳得热系数 | | | 0.193 | 0.165 |

### 总体热工性能

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 面积 | 传热系数 | 综合太阳得热系数 | 窗墙比 | 标准要求 | 结论 |
| 南向 | 南-默认立面 | 533.10 | 0.56 | 0.12 | 0.70 | K≤1.90, SHGC≤0.35 | 满足 |
| 北向 | 北-默认立面 | 1070.57 | 0.56 | 0.17 | 0.69 | K≤1.90, SHGC≤0.60 | 满足 |
| 东向 | 东-默认立面 | 1692.81 | 0.58 | 0.17 | 0.60 | K≤2.00, SHGC≤0.40 | 满足 |
| 西向 | 西-默认立面 | 1644.89 | 0.57 | 0.17 | 0.62 | K≤1.90, SHGC≤0.35 | 满足 |
| 综合平均 |  | 4941.37 | 0.57 | 0.16 | 0.63 |  |  |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.1条 | | | | | | |
| 标准要求 | 外窗传热系数和太阳得热系数满足表3.3.1-3的要求 | | | | | | |
| 结论 | 满足 | | | | | | |

注：本表所统计的外窗包含凸窗。

## 周边地面构造

### 周边地面构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 材料名称 | 厚度δ | 导热系数λ | 蓄热系数S | 修正系数 | 热阻R | 热惰性指标 |
| (mm) | W/(m.K) | W/(㎡.K) | α | (㎡K)/W | D=R\*S |
| 水泥砂浆 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土 | 30 | 1.740 | 17.200 | 1.00 | 0.017 | 0.297 |
| 挤塑型聚苯板(XPS)0.030\*1.1 | 20 | 0.033 | 0.514 | 1.05 | 0.577 | 0.312 |
| 钢筋混凝土 | 60 | 1.740 | 17.200 | 1.00 | 0.034 | 0.593 |
| 灰砂加气混泥土 | 150 | 0.138 | 2.149 | 1.00 | 1.087 | 2.336 |
| 轻质粘土 | 20 | 0.470 | 6.360 | 1.00 | 0.043 | 0.271 |
| 各层之和∑ | 300 | － | － | － | 1.780 | 4.052 |
| 保温材料层R | 1.66 | | | | | |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.1条 | | | | | |
| 标准要求 | R≥0.60 | | | | | |
| 结论 | 满足 | | | | | |

备注：用灰色显示的材料是非保温材料。

## 采暖地下室外墙构造

本工程无此项内容

## 变形缝

本工程无此项内容

## 有效通风换气面积

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 楼层 | 房间编号 | 房间面积（㎡） | | 立面面积（㎡） | 门窗编号 | 门窗面积（㎡） | 有效通风面积比 | 门窗类型 | 有效通风面积/外窗面积 | 有效通风面积/立面面积 | 结论 |
| 8 | 8008(最不利房间) | 59.21 | | 39.92 | 未编号 | 0.23 | 0.30 | 幕墙 | － | 0.10 | 适宜 |
| 未编号 | 4.71 | 0.30 | 幕墙 |
| 未编号 | 3.87 | 0.30 | 幕墙 |
| 未编号 | 3.87 | 0.30 | 幕墙 |
| 通风换气装置 | | | 有 | | | | | | | | |
| 标准依据 | | | 《公共建筑节能设计标准》(GB50189-2015)第3.2.8条 | | | | | | | | |
| 标准要求 | | | 甲类建筑外窗有效通风换气面积不宜小于所在房间立面面积的10% | | | | | | | | |
| 结论 | | | 满足 | | | | | | | | |

注：达标时只列出一项，不达标时列出全部不达标项

## 非中空窗面积比

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 朝向 | 立面 | 非中空玻璃面积(㎡) | 透光面积(㎡) | 非中空面积比 | 限值 | 结论 |
| 南向 | 南-默认立面 | 0.00 | 489.54 | 0.00 | 0.15 | 满足 |
| 北向 | 北-默认立面 | 0.00 | 975.82 | 0.00 | 0.15 | 满足 |
| 东向 | 东-默认立面 | 0.00 | 1547.20 | 0.00 | 0.15 | 满足 |
| 西向 | 西-默认立面 | 0.00 | 1501.78 | 0.00 | 0.15 | 满足 |
| 标准依据 | | 《公共建筑节能设计标准》(GB50189-2015)第3.3.7条 | | | | |
| 标准要求 | | 非中空玻璃的面积不应超过同一立面透光面积的15% | | | | |
| 结论 | | 满足 | | | | |

## 外窗气密性

|  |  |  |
| --- | --- | --- |
| 层数 | 1～9层 | 10层以上 |
| 最不利气密性等级 | － | － |
| 外窗气密性措施 |  |  |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.5条，分级与检测方法《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008） | 《公共建筑节能设计标准》(GB50189-2015)第3.3.5条，分级与检测方法《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008） |
| 标准要求 | 10层以下外窗气密性不应低于《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008）的6级 | 10层及以上外窗气密性不应低于《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008）的7级 |
| 结论 | － | － |

## 外门气密性

|  |  |
| --- | --- |
| 最不利气密性等级 | － |
| 外门气密性措施 |  |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.5条，分级与检测方法《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008） |
| 标准要求 | 外门气密性不应低于《建筑外门窗气密、水密、抗风压性能分级及检测方法》（GB/T 7106-2008）的4级 |
| 结论 | － |

## 幕墙气密性

|  |  |
| --- | --- |
| 最不利气密性等级 | － |
| 幕墙气密性措施 |  |
| 通风换气装置 | 有 |
| 标准依据 | 《公共建筑节能设计标准》(GB50189-2015)第3.3.6条，《建筑幕墙》（GB/T 21086-2007） |
| 标准要求 | 幕墙气密性不应低于《建筑幕墙》（GB/T 21086-2007）的3级，即《建筑幕墙物理性能分级》(GB/T15225-94)的3级 |
| 结论 | － |

## 规定性指标检查结论

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 检查项 | 结论 | 可否性能权衡 |
| 1 | 体形系数 | 满足 |  |
| 2 | 窗墙比 | 适宜 |  |
| 3 | 可见光透射比 | 满足 |  |
| 4 | 天窗类型 | 无屋顶透光部分 |  |
| 5 | 屋顶构造 | 满足 |  |
| 6 | 外墙构造 | 满足 |  |
| 7 | 挑空楼板构造 | 满足 |  |
| 8 | 外窗热工 | 满足 |  |
| 9 | 周边地面构造 | 满足 |  |
| 10 | 有效通风换气面积 | 满足 |  |
| 11 | 非中空窗面积比 | 满足 |  |
| 12 | 外窗气密性 | 满足 |  |
| 13 | 外门气密性 | 满足 |  |
| 14 | 幕墙气密性 | 满足 |  |
| 结论 | | 满足 |  |

□说明：本工程所有规定性设计指标**满足**《公共建筑节能设计标准》(GB50189-2015)的要求。