**近零能耗**

**建筑能效报告书**

公共建筑

|  |  |
| --- | --- |
| 工程名称 | 止方-木叶之居 |
| 工程地点 | 河南-安阳 |
| 设计编号 | Design 1.0 |
| 建设单位 | 建筑单位 |
| 设计单位 | 设计小组 |
| 设 计 人 |  |
| 审 核 人 |  |
| 审 定 人 |  |
| 设计日期 | 2024年12月29日 |



|  |  |
| --- | --- |
| 采用软件 | 超低能耗PHES2024 |
| 软件版本 | 20240430(SP1) |
| 研发单位 | 北京绿建软件股份有限公司 |
| 正版授权码 | T17525907580 |

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# 建筑概况

|  |  |  |
| --- | --- | --- |
| 工程名称 | 止方-木叶之居 | |
| 工程地点 | 河南-安阳 | |
| 地理位置 | 北纬：36.00° | 东经：114.36° |
| 建筑面积(m2) | 地上2753 地下0 | |
| 建筑层数 | 地上3 地下0 | |
| 建筑高度（m） | 地上17.1 地下0.0 | |
| 建筑体积(m3) | 12389.72 | |
| 建筑外表面积(m2) | 1211.20 | |
| 建筑气密性（换气次数N50） | 0.50 | |
| 建筑类型细化 | 商场建筑 | |
| 北向角度 | 90 | |
| 结构类型 | 框架结构 | |
| 外墙太阳辐射吸收系数 | 0.73 | |
| 屋顶太阳辐射吸收系数 | 0.75 | |
| 控温期 | 供冷期:7.1-9.1,供暖期:10.1-3.1 | |

# 评估依据

1. 《近零能耗建筑技术标准》(GB/T51350-2019)

2. 《公共建筑节能设计标准》(GB50189-2015)

3. 《民用建筑热工设计规范》(GB50176-2016-2016)

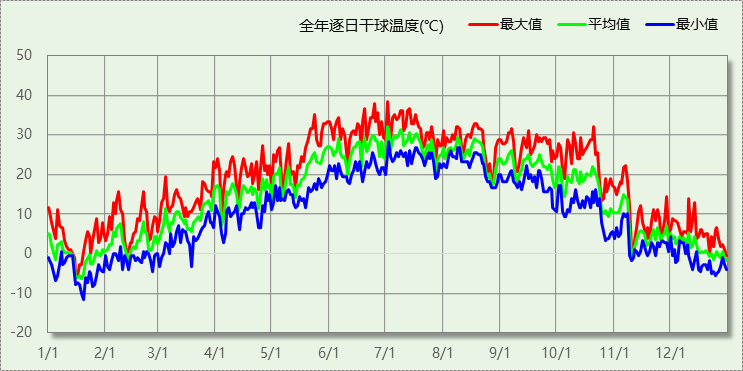
4. 《建筑幕墙、门窗通用技术条件》(GB/T31433-2015)

# 气象数据

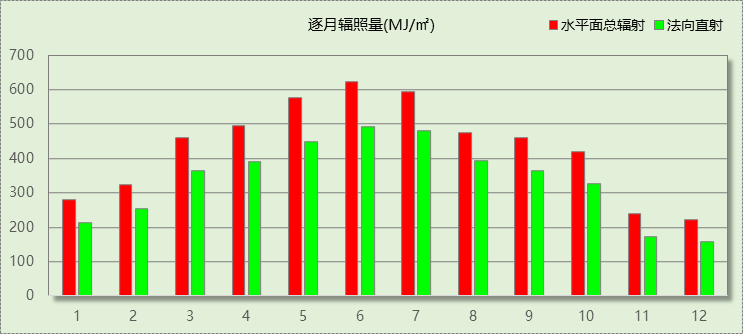
## 气象地点

河南-安阳, 《建筑节能气象参数标准》

## 逐日干球温度表



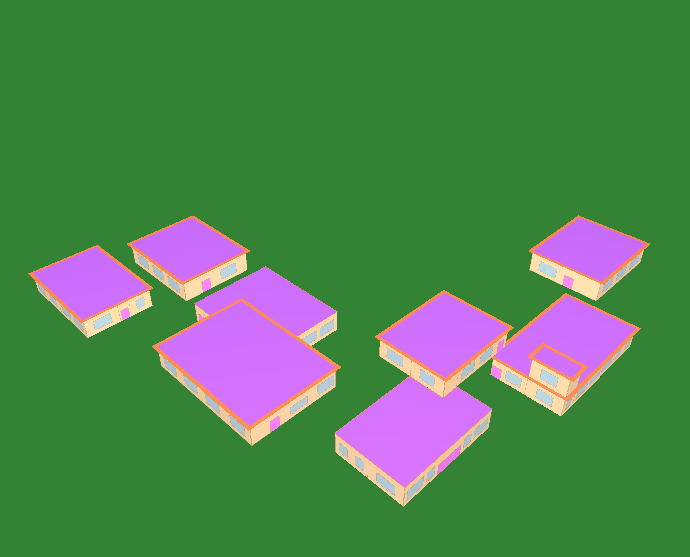
## 逐月辐照量表



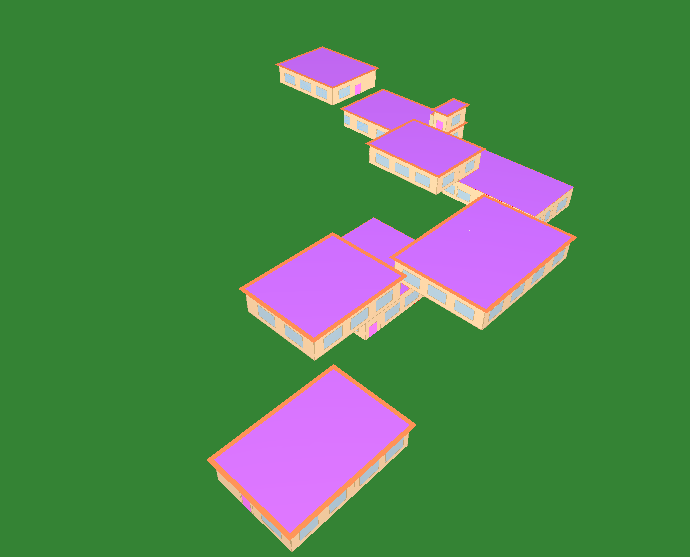
## 峰值工况

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 气象数据 | 时刻 | 干球温度(℃) | 湿球温度(℃) | 含湿量(g/kg) | 焓值(kj/kg) |
| 最热 | 07月01日14时 | 38.3 | 26.1 | 17.0 | 82.2 |
| 最冷 | 01月19日07时 | -11.7 | -12.2 | 1.1 | -9.0 |

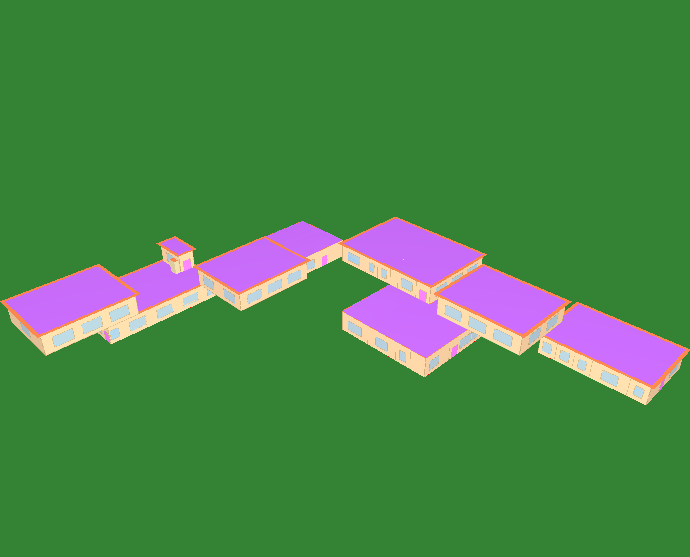
# 建筑大样



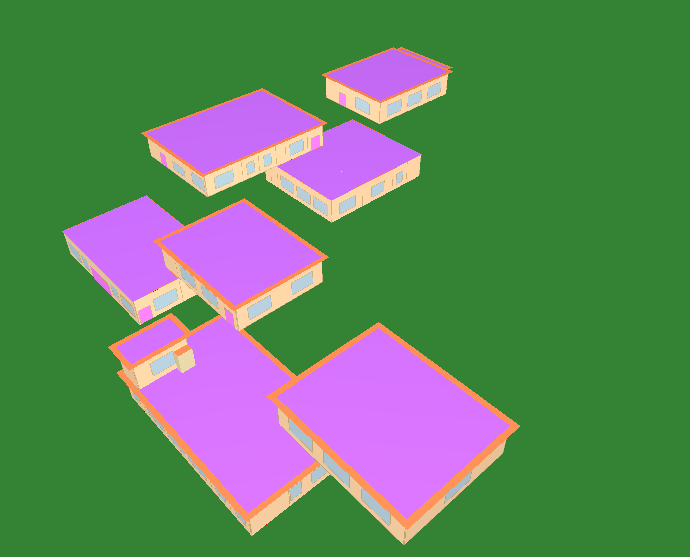
西南轴侧图



东南轴侧图



西北轴侧图



东北轴侧图

# 围护结构

## 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 | 数据来源 |
| 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 |  |
| 石灰砂浆 | 0.810 | 10.070 | 1600.0 | 1050.0 | 0.0443 |  |
| 钢筋混凝土 | 1.740 | 17.200 | 2500.0 | 920.0 | 0.0158 |  |
| 加气混凝土、泡沫混凝土(ρ=700) | 0.180 | 3.100 | 700.0 | 1050.0 | 0.0998 |  |
| 混凝土多孔砖(190六孔砖） | 0.750 | 7.490 | 1450.0 | 709.4 | 0.0140 |  |
| 聚苯颗粒保温砂浆 | 0.060 | 0.950 | 230.0 | 900.0 | 0.0210 |  |
| 岩棉带(ρ=80-120) | 0.045 | 0.632 | 100.0 | 1220.0 | 0.4880 | 民用建筑热工设计规范 GB50176-2016 |

## 屋顶

### 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 |
| 加气混凝土、泡沫混凝土(ρ=700) | 80 | 0.180 | 3.100 | 1.00 | 0.444 | 1.378 |
| 混凝土多孔砖(190六孔砖） | 120 | 0.750 | 7.490 | 1.00 | 0.160 | 1.198 |
| 钢筋混凝土 | 20 | 1.740 | 17.200 | 1.00 | 0.011 | 0.198 |
| 岩棉带(ρ=80-120) | 20 | 0.045 | 0.632 | 1.00 | 0.444 | 0.281 |
| 各层之和∑ | 240 | － | － | － | 1.060 | 3.055 |
| 外表面太阳辐射吸收系数 | 0.75[默认] | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.83 | | | | | |

## 天窗类型

本工程无此项内容

## 外墙

本工程无此项内容

## 地面

本工程无此项内容

## 挑空楼板

### 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 |
| 混凝土多孔砖(190六孔砖） | 20 | 0.750 | 7.490 | 1.00 | 0.027 | 0.200 |
| 岩棉带(ρ=80-120) | 20 | 0.045 | 0.632 | 1.00 | 0.444 | 0.281 |
| 各层之和∑ | 40 | － | － | － | 0.471 | 0.481 |
| 传热系数K=1/(0.15+∑R) | 1.61 | | | | | |

## 采暖与非采暖楼板

本工程无此项内容

## 采暖与非采暖隔墙

### 控温与非控温空间隔墙构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 加气混凝土、泡沫混凝土(ρ=700) | 190 | 0.180 | 3.100 | 1.00 | 1.056 | 3.272 |
| 各层之和∑ | 190 | － | － | － | 1.056 | 3.272 |
| 传热系数K=1/(0.17+∑R) | 0.82 | | | | | |

## 外窗热工

本工程无此项内容

## 外门

本工程无此项内容

## 分隔采暖与非采暖空间的户门

本工程无此项内容

## 外窗气密性

|  |  |
| --- | --- |
| 最不利气密性等级 | － |
| 外窗气密性措施 |  |
| 标准依据 | 《近零能耗建筑技术标准》第6.1.4条，分级与检测方法《建筑幕墙、门窗通用技术条件》(GB/T31433-2015) |
| 标准要求 | 外窗及外门户门气密性不宜低于《建筑幕墙、门窗通用技术条件》(GB/T31433-2015)的8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 | 《近零能耗建筑技术标准》第6.1.4条，分级与检测方法《建筑幕墙、门窗通用技术条件》(GB/T31433-2015) |
| 标准要求 | 外窗及外门户门气密性不宜低于《建筑幕墙、门窗通用技术条件》(GB/T31433-2015)的6级 |
| 结论 | － |

## 户门气密性

|  |  |
| --- | --- |
| 最不利气密性等级 | － |
| 户门气密性措施 |  |
| 标准依据 | 《近零能耗建筑技术标准》第6.1.4条，分级与检测方法《建筑幕墙、门窗通用技术条件》(GB/T31433-2015) |
| 标准要求 | 外窗及外门户门气密性不宜低于《建筑幕墙、门窗通用技术条件》(GB/T31433-2015)的6级 |
| 结论 | － |

## 规定项检查

|  |  |  |
| --- | --- | --- |
| 序号 | 检查项 | 结论 |
| 1 | 屋顶 | 不需要 |
| 2 | 天窗类型 | 无屋顶透光部分 |
| 3 | 挑空楼板 | 不需要 |
| 4 | 采暖与非采暖隔墙 | 不需要 |
| 5 | 外窗气密性 | 适宜 |
| 6 | 外门气密性 | 适宜 |
| 7 | 户门气密性 | 适宜 |

# 围护结构概况

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | 设计建筑 | | | 基准建筑 | | |
| 屋顶传热系数K  和热惰性指标 D | | 0.83  3.06 | | | 0.45  3.69 | | |
| 外墙传热系数K  和热惰性指标 D | | —  0.00 | | | －  － | | |
| 挑空(或架空)楼板传热系数K  和热惰性指标 D | | 1.61  0.48 | | | 0.50  1.35 | | |
| 天窗传热系数K  和太阳得热系数 SHGC | | －  － | | | －  － | | |
| 外窗（包括透明幕墙） | 朝向 | 窗墙比 | 传热  系数 | 太阳得热系数 | 窗墙比 | 传热  系数 | 太阳得热系数 |
| 南向 | － | － | － | － | － | － |
| 北向 | － | － | － | － | － | － |
| 东向 | － | － | － | － | － | － |
| 西向 | － | － | － | － | － | － |

备注：

1. 传热系数的单位W/(m2.k)，其他参数无量纲.

2. 屋顶和外墙的传热系数K和热情性指标D指平均值.

3. 设计建筑：“—”代表本工程无对应项.

# 设计建筑

## 房间类型

### 房间参数表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 空调 温度℃ | 供暖 温度℃ | 新风量 | 渗透风 换气次数 | 人员密度 | 照明功率 密度 | 电器设备 功率 |
| 会议室 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 3.33(㎡/人) | 8(W/㎡) | 5(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 厨房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 6(W/㎡) | 0(W/㎡) |
| 大厅 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 展览馆 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 5(㎡/人) | 9(W/㎡) | 20(W/㎡) |
| 库房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 开水间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 文印间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 楼梯间 | － | － | 20(m3/h.人) | 0(次/h) | 50(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 电子信息机房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 4(㎡/人) | 13.5(W/㎡) | 20(W/㎡) |
| 设备间 | － | － | 0(m3/h.人) | 0(次/h) | 0(人) | 5(W/㎡) | 0(W/㎡) |
| 走廊 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 20(㎡/人) | 5(W/㎡) | 0(W/㎡) |
| 走廊 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 20(㎡/人) | 8(W/㎡) | 0(W/㎡) |
| 酒吧、茶座 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 2(㎡/人) | 8(W/㎡) | 0(W/㎡) |
| 餐厅 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 2(㎡/人) | 8(W/㎡) | 0(W/㎡) |
| 高档办公室 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |

### 作息时间表

详见附录

## 系统类型

### 系统分区

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 系统编号 | 系统类型 | 制冷 SEER | 制热 HSPF | 面积(㎡) | 包含的房间 |
| 默认 | 单元式房间空调器 | 4.00[全年能源消耗效率(APF)] | | 2393.99 | 所有房间 |

### 热回收参数

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 系统编号 | 热回收 | 供冷 | | 供暖 | |
| 回收效率 | 启动温(焓)差 | 回收效率 | 启动温(焓)差 |
| 默认 | 全热回收 | 0.70 | 5℃ | 0.70 | 5(℃) |

## 制冷系统

### 多联机/单元式空调能耗

|  |  |  |  |
| --- | --- | --- | --- |
| 系统编号 | 制冷SEER | 耗冷量(kWh) | 耗电量(kWh) |
| 默认 | 4.00[全年能源消耗效率(APF)] | 79517 | 19879 |

## 供暖系统

### 多联机/单元式热泵能耗

|  |  |  |  |
| --- | --- | --- | --- |
| 系统编号 | 制热HSPF | 耗热量(kWh) | 耗电量(kWh) |
| 默认 | 4.00[全年能源消耗效率(APF)] | 127580 | 31895 |

## 照明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 房间类型 | 单位面积电耗 (kWh/㎡) | 房间个数 | 房间合计面积 (㎡) | 合计电耗 (kWh) |
| 会议室 | 18.04 | 1 | 78 | 1403 |
| 卫生间 | 18.04 | 12 | 180 | 3256 |
| 厨房 | 21.92 | 2 | 166 | 3646 |
| 大厅 | 24.00 | 1 | 254 | 6088 |
| 展览馆 | 32.88 | 3 | 797 | 26209 |
| 库房 | 24.00 | 1 | 78 | 1866 |
| 开水间 | 18.04 | 1 | 52 | 935 |
| 文印间 | 24.00 | 1 | 17 | 414 |
| 楼梯间 | 0.00 | 8 | 119 | 0 |
| 电子信息机房 | 40.50 | 1 | 35 | 1398 |
| 设备间 | 0.00 | 1 | 17 | 0 |
| 走廊 | 15.00 | 2 | 134 | 2010 |
| 酒吧、茶座 | 29.23 | 1 | 259 | 7576 |
| 餐厅 | 29.23 | 1 | 367 | 10733 |
| 高档办公室 | 24.00 | 1 | 78 | 1866 |
| 总计 | | | | 67401 |

## 生活热水

### 热水需求

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 分区 | 用水定额 (L/人·d) | 热水温差(℃) | 用水人数 | 年使用天数 | 所需热量 (kWh/a) |
| 办公 | 6 | 45 | 15 | 365 | 1690 |
| 总计 | | | | | 1690 |

### 太阳能集热

|  |  |  |  |
| --- | --- | --- | --- |
| 年集热量(MJ) | 年均集热效率 | 热量损失率 | 太阳能提供热量(kWh/a) |
| 0 | 0.4 | 0.2 | 0 |

### 热水设备

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 热水设备 | 供热比例 | 供热量(kWh/a) | 能源 | 效率 | 耗电量(kWh/a) |
| 电加热 | 0.5 | 845 | 电 | 0.9 | 938.922 |
| 备注 |  | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 热水设备 | 供热比例 | 供热量(kWh/a) | 能源 | 效率 | 耗气量(m3/a) |
| 锅炉 | 0.5 | 845 | 天然气 | 0.9 | 95.322 |
| 备注 |  | | | | |

注：

1.设计建筑热水设备承担的热水全年累计负荷=需求热量－太阳能供热量。

2.使用天然气锅炉时，按照《公共建筑节能设计标准》GB50189-2015附录B.0.6中有关数据折算标煤和折电。

## 电梯

### 直梯

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 | 特定能量消耗(mWh/kgm) | 额定载重量(kg) | 速度(m/s) | 待机功率(W) | 运行时长(h/天) | 年运行天数 | 数量 | 全年电耗 (kWh) |
| 直梯1 | 1.26 | 1250 | 1.75 | 200 | 2 | 216 | 2 | 10474 |
| 总计 | | | | | | | | 10474 |

## 光伏发电

日照辐照量(kJ/㎡.天)：15842，年运行天数：365

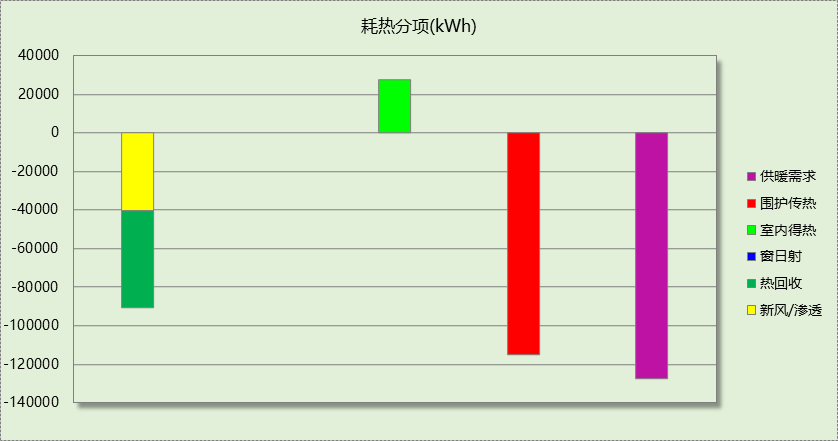
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 光伏板面积 (㎡) | 光电转换 效率(%) | 光伏系统效率 | 光伏电池性能衰减修正系数 | 全年供电 (kWh) |
| 718.74 | 20 | 0.75 | 0.85 | 147192 |
| 总计 | | | | 147192 |

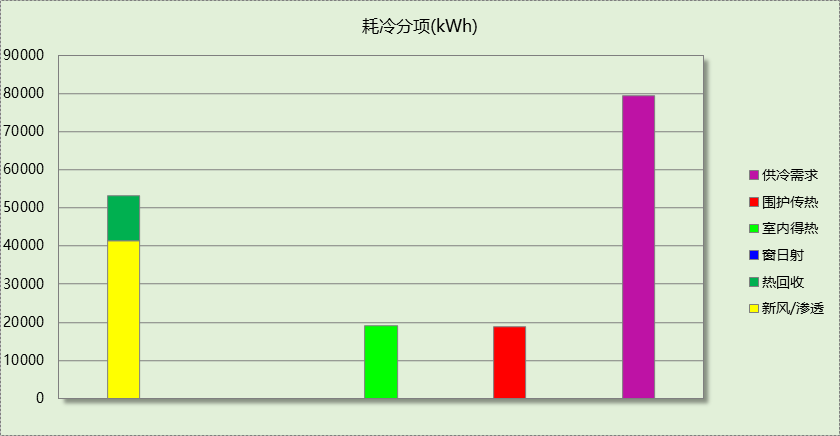
## 风力发电

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 地形 | 叶片直径 (m) | 叶片离地高度(m) | 年可利用平均风速(m/s) | 转换 效率 | 台数 | 年供电(kWh) |
| 有护栏的农村,临时的农村建筑、房屋 | 54 | 65 | 5 | 0.35 | 3 | 489 |
| 总计 | | | | | | 489 |

## 负荷分项统计

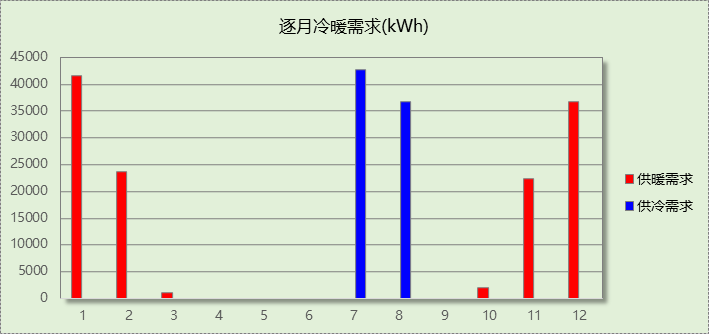
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 分类 | 围护传热 | 室内得热 | 窗日射 | 新风/渗透 | 热回收 | 合计 |
| 供暖(kWh/㎡) | -41.77 | 10.07 | 0.00 | -32.99 | 18.34 | -46.34 |
| 供冷(kWh/㎡) | 6.86 | 6.98 | 0.00 | 19.35 | -4.31 | 28.88 |

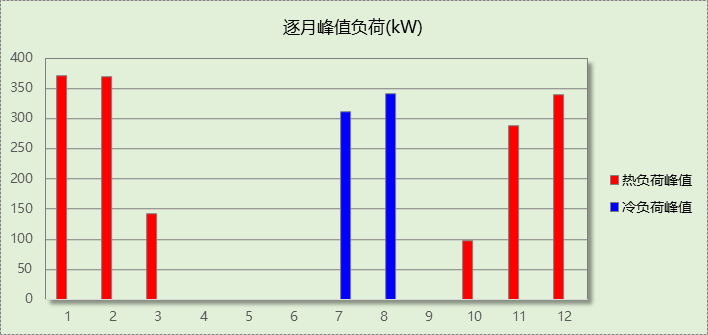




## 逐月负荷表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 月份 | 供暖(kWh) | 供冷(kWh) | 热负荷 峰值(kW) | 热负荷 峰值时刻 | 冷负荷 峰值(kW) | 冷负荷 峰值时刻 |
| 1月 | 41694 | 0 | 372.349 | 1月21日9时 | 0.000 | -- |
| 2月 | 23743 | 0 | 370.594 | 2月14日9时 | 0.000 | -- |
| 3月 | 1048 | 0 | 141.667 | 3月1日9时 | 0.000 | -- |
| 4月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 5月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 6月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 7月 | 0 | 42671 | 0.000 | -- | 312.290 | 7月26日11时 |
| 8月 | 0 | 36845 | 0.000 | -- | 342.249 | 8月5日14时 |
| 9月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 10月 | 1999 | 0 | 98.041 | 10月28日9时 | 0.000 | -- |
| 11月 | 22326 | 0 | 288.864 | 11月11日9时 | 0.000 | -- |
| 12月 | 36771 | 0 | 340.540 | 12月30日9时 | 0.000 | -- |





# 基准建筑

## 房间类型

### 房间参数表

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 空调 温度℃ | 供暖 温度℃ | 新风量 | 渗透风 换气次数 | 人员密度 | 照明功率 密度 | 电器设备 功率 |
| 会议室 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 3.33(㎡/人) | 9(W/㎡) | 5(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 卫生间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 厨房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 6(W/㎡) | 0(W/㎡) |
| 大厅 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 展览馆 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 5(㎡/人) | 9(W/㎡) | 20(W/㎡) |
| 库房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 开水间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 8(W/㎡) | 13(W/㎡) |
| 文印间 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |
| 楼梯间 | － | － | 20(m3/h.人) | 0(次/h) | 50(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 电子信息机房 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 4(㎡/人) | 15(W/㎡) | 20(W/㎡) |
| 设备间 | － | － | 0(m3/h.人) | 0(次/h) | 0(人) | 5(W/㎡) | 0(W/㎡) |
| 走廊 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 20(㎡/人) | 5(W/㎡) | 0(W/㎡) |
| 走廊 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 20(㎡/人) | 9(W/㎡) | 0(W/㎡) |
| 酒吧、茶座 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 2(㎡/人) | 8(W/㎡) | 0(W/㎡) |
| 餐厅 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 2(㎡/人) | 9(W/㎡) | 0(W/㎡) |
| 高档办公室 | 26 | 20 | 30(m3/h.人) | 0(次/h) | 10(㎡/人) | 9(W/㎡) | 13(W/㎡) |

### 作息时间表

同设计建筑

## 系统类型

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 系统编号 | 系统类型 | 制冷 SEER | 制热 HSPF | 面积(㎡) | 包含的房间 |
| 默认 | 全空气定风量(CAV)机组 | － | － | 同设计建筑 | 同设计建筑 |

## 制冷系统

### 默认冷源

#### 供应的系统

|  |  |
| --- | --- |
| 系统编号 | 默认 |

#### 冷水机组

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 | 类型 | 额定 耗电量(kW) | 额定 制冷量(kW) | 额定性 能系数 (COP) | 台数 | 全年 供冷量(kWh) | 综合部分 负荷性能系数(IPLV) | 电耗 (kWh) |
| 机组1 | 水冷-螺杆式冷水机组 | 70.75 | 332.50 | 4.70 | 1 | 95541 | 5.45 | 17530 |
| 合计 | | | | | | | | 17530 |

#### 冷却水泵

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 机组名称 | 冷水机组 制冷量(kW) | 机组性能 系数(COP) | 冷凝负荷(kW) | 输送能效比 | 运行时长 (h) | 水泵电耗 (kWh) |
| 机组1 | 333 | 4.70 | 403 | 0.0214 | 450 | 3883 |
| 合计 | 333 |  | 403 |  |  | 3883 |

#### 冷冻水泵

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 机组名称 | 机组制冷量(kW) | 输送能效比 | 运行时长(h) | 水泵电耗(kWh) |
| 机组1 | 333 | 0.0241 | 450 | 3606 |
| 合计 | 333 |  |  | 3606 |

#### 冷却塔

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 类型 | 机组制冷量(kW) | 冷却塔风机单位 电耗制冷量(kW/kW) | 冷却塔风机 功率(kW) | 运行时长(h) | 冷却塔电耗 (kWh) |
| 冷却塔 | 333 | 170 | 1.96 | 450 | 880 |

## 供暖系统

### 默认热源

#### 供应的系统

|  |  |
| --- | --- |
| 系统编号 | 默认 |

#### 热水锅炉能耗

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 燃料类型 | 容量 (MW) | 台数 | 累计热负荷 (kWh) | 锅炉 热效率 | 外网热 输送效率 | 标准煤热值(kWh/kg) | 标准煤消耗(kgce) |
| 烟煤III | 0.25 | 1 | 152190 | 0.80 | 0.92 | 8.14 | 25402.94 |

#### 热水循环水泵能耗

|  |  |  |  |
| --- | --- | --- | --- |
| 锅炉制热量(kW) | 输送能效比 | 运行时长(h) | 供暖水泵电耗(kWh) |
| 247 | 0.00433 | 899 | 962 |

## 照明

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 房间类型 | 单位面积电耗 (kWh/㎡) | 房间个数 | 房间合计面积 (㎡) | 合计电耗 (kWh) |
| 会议室 | 20.30 | 1 | 78 | 1578 |
| 卫生间 | 18.04 | 12 | 180 | 3256 |
| 厨房 | 21.92 | 2 | 166 | 3646 |
| 大厅 | 27.00 | 1 | 254 | 6849 |
| 展览馆 | 32.88 | 3 | 797 | 26209 |
| 库房 | 27.00 | 1 | 78 | 2100 |
| 开水间 | 18.04 | 1 | 52 | 935 |
| 文印间 | 27.00 | 1 | 17 | 466 |
| 楼梯间 | 0.00 | 8 | 119 | 0 |
| 电子信息机房 | 45.00 | 1 | 35 | 1554 |
| 设备间 | 0.00 | 1 | 17 | 0 |
| 走廊 | 15.00 | 2 | 134 | 2010 |
| 酒吧、茶座 | 29.23 | 1 | 259 | 7576 |
| 餐厅 | 32.88 | 1 | 367 | 12074 |
| 高档办公室 | 27.00 | 1 | 78 | 2100 |
| 总计 | | | | 70352 |

## 生活热水

### 热水需求

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 分区 | 用水定额 (L/人·d) | 热水温差(℃) | 用水人数 | 年使用天数 | 所需热量 (kWh/a) |
| 办公 | 6 | 45 | 15 | 365 | 1690 |
| 总计 | | | | | 1690 |

### 热水设备

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 热水设备 | 供热比例 | 供热量(kWh/a) | 能源 | 效率 | 耗气量(m3/a) |
| 锅炉 | 0.5 | 845 | 天然气 | 0.9 | 95.322 |
| 备注 |  | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 热水设备 | 供热比例 | 供热量(kWh/a) | 能源 | 效率 | 耗气量(m3/a) |
| 锅炉 | 0.5 | 845 | 天然气 | 0.9 | 95.322 |
| 备注 |  | | | | |

注：

1.按照《近零能耗建筑技术标准》GB51350附录A.1.4，基准建筑生活热水热源为燃气锅炉，锅炉效率等有关参数按照《公共建筑节能设计标准》GB50189计算。

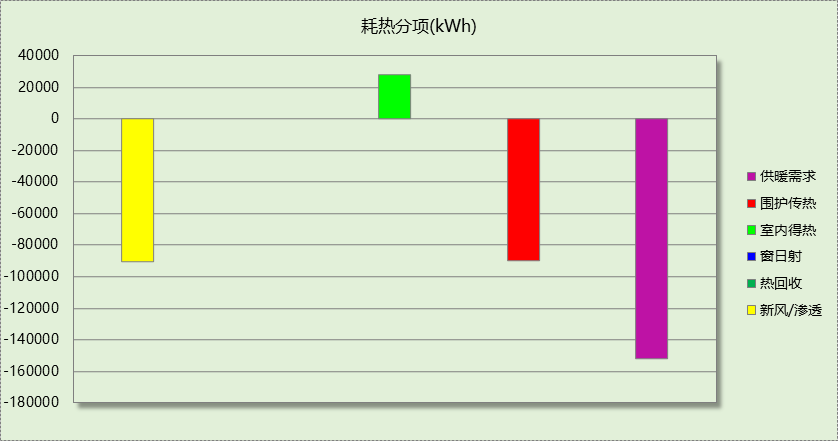
## 电梯

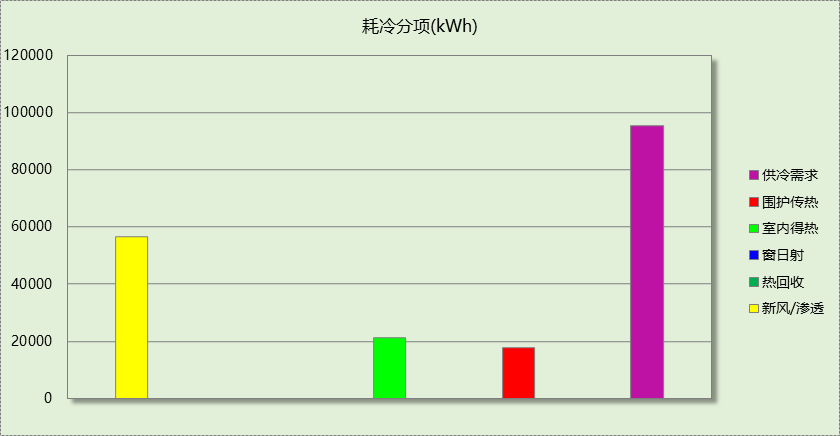
### 直梯

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 名称 | 特定能量消耗(mWh/kgm) | 额定载重量(kg) | 速度(m/s) | 待机功率(W) | 运行时长(h/天) | 年运行天数 | 数量 | 全年电耗 (kWh) |
| 直梯1 | 1.26 | 1250 | 1.75 | 200 | 2 | 216 | 2 | 10474 |
| 总计 | | | | | | | | 10474 |

## 负荷分项统计

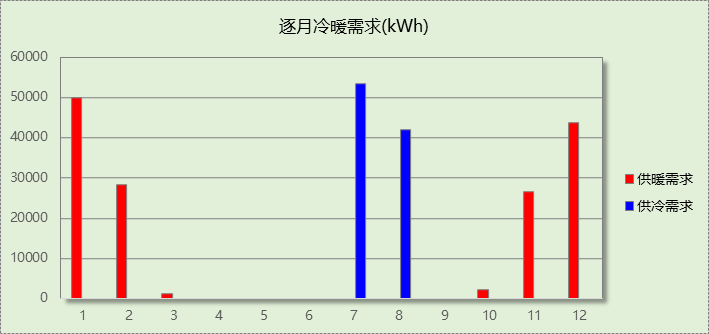
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 分类 | 围护传热 | 室内得热 | 窗日射 | 新风/渗透 | 热回收 | 合计 |
| 供暖(kWh/㎡) | -32.66 | 10.22 | 0.00 | -32.84 | 0.00 | -55.28 |
| 供冷(kWh/㎡) | 6.44 | 7.76 | 0.00 | 20.49 | 0.00 | 34.70 |

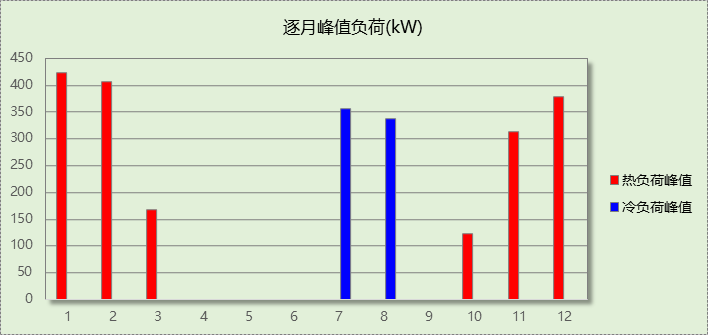




## 逐月负荷表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 月份 | 供暖(kWh) | 供冷(kWh) | 热负荷 峰值(kW) | 热负荷 峰值时刻 | 冷负荷 峰值(kW) | 冷负荷 峰值时刻 |
| 1月 | 50022 | 0 | 422.924 | 1月21日9时 | 0.000 | -- |
| 2月 | 28225 | 0 | 406.413 | 2月14日9时 | 0.000 | -- |
| 3月 | 1278 | 0 | 167.233 | 3月1日9时 | 0.000 | -- |
| 4月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 5月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 6月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 7月 | 0 | 53470 | 0.000 | -- | 357.086 | 7月9日13时 |
| 8月 | 0 | 42072 | 0.000 | -- | 336.910 | 8月5日14时 |
| 9月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 10月 | 2313 | 0 | 123.160 | 10月28日9时 | 0.000 | -- |
| 11月 | 26674 | 0 | 312.875 | 11月11日9时 | 0.000 | -- |
| 12月 | 43678 | 0 | 378.349 | 12月30日9时 | 0.000 | -- |



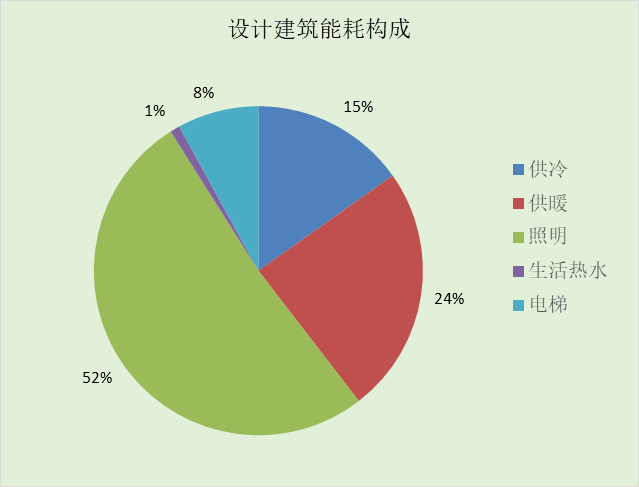


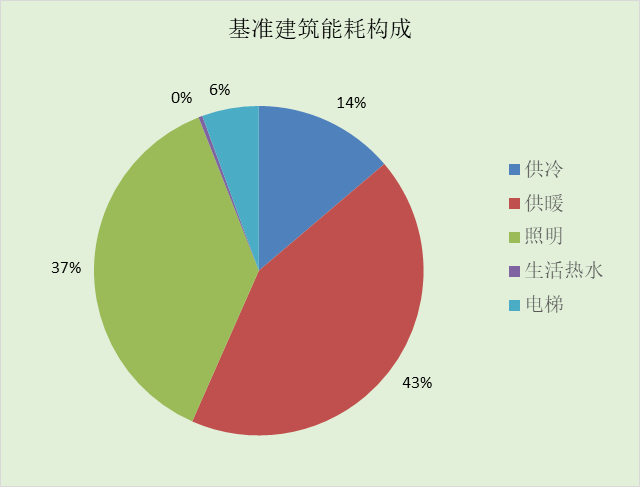
# 能效结果

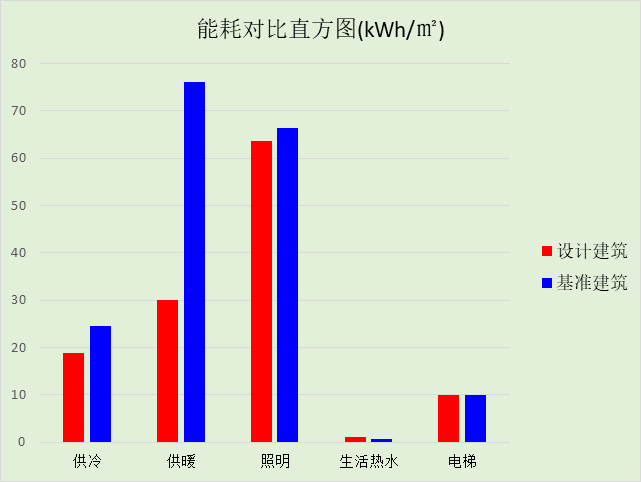
## 建筑能耗

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **设计建筑** | | | | |
| 用能分类 | | | 能耗值 | 一次能源(kWh/㎡) |
| 电力(kWh/㎡) | 供  冷 | 中央冷源 | 0.00 | 0.00 |
| 冷却水泵 | 0.00 | 0.00 |
| 冷冻水泵 | 0.00 | 0.00 |
| 冷却塔 | 0.00 | 0.00 |
| 多联机/单元式空调 | 7.22 | 18.77 |
| 供  暖 | 中央热源 | 0.00 | 0.00 |
| 供暖水泵 | 0.00 | 0.00 |
| 多联机/单元式热泵 | 11.58 | 30.11 |
| 热源侧水泵 | 0.00 | 0.00 |
| 照明 | | 24.48 | 63.65 |
| 生活热水 | | 0.34 | 0.88 |
| 电梯 | | 3.80 | 9.88 |
| 标准煤(kgce/㎡) | 供暖锅炉 | | 0.00 | 0.00 |
| 天然气(m³/㎡) | 供暖锅炉 | | 0.00 | 0.00 |
| 生活热水 | | 0.03 | 0.30 |
| 市政热力(kWh/㎡) | 市政热力 | | 0.00 | 0.00 |
| 可再生发电  (kWh/㎡) | 光伏发电 | | 53.46 | 139.00 |
| 风力发电 | | 0.18 | 0.47 |
| 建筑本体能耗(一次能源) (kWh/㎡) | | | 123.66 | |
| 建筑综合能耗(一次能源) (kWh/㎡) | | | 0.00 | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **基准建筑** | | | | |
| 用能分类 | | | 能耗值 | 一次能源(kWh/㎡) |
| 电力(kWh/㎡) | 供  冷 | 中央冷源 | 6.37 | 16.56 |
| 冷却水泵 | 1.41 | 3.67 |
| 冷冻水泵 | 1.31 | 3.41 |
| 冷却塔 | 0.32 | 0.83 |
| 多联机/单元式空调 | 0.00 | 0.00 |
| 供  暖 | 中央热源 | 0.00 | 0.00 |
| 供暖水泵 | 0.35 | 0.91 |
| 多联机/单元式热泵 | 0.00 | 0.00 |
| 照明 | | 25.55 | 66.43 |
| 生活热水 | | 0.00 | 0.00 |
| 电梯 | | 3.80 | 9.88 |
| 标准煤(kgce/㎡) | 供暖锅炉 | | 9.23 | 75.13 |
| 天然气(m³/㎡) | 供暖锅炉 | | 0.00 | 0.00 |
| 生活热水 | | 0.07 | 0.69 |
| 市政热力(kWh/㎡) | 市政热力 | | 0.00 | 0.00 |
| 建筑本体能耗(一次能源) (kWh/㎡) | | | 177.48 | |
| 建筑综合能耗(一次能源) (kWh/㎡) | | | 177.48 | |







## 可再生能源利用

|  |  |  |
| --- | --- | --- |
| 能耗分项 | 需求量（电）(kWh/㎡) | 需求量（热）(kWh/㎡) |
| 耗冷量 | ­- | 28.88 |
| 耗热量 | - | 46.34 |
| 照明 | 24.48 | 63.65 |
| 空调风机 | - | - |
| 电梯 | 3.80 | 9.88 |
| 生活热水 | - | 0.61 |
| 合计 | | 149.37 |
| 可再生分项 | 可再生发电 (kWh/㎡) | 可再生利用（热）(kWh/㎡) |
| 地源\空气源供热 | - | 0.00 |
| 单体空调\多联机供热 | - | 34.76 |
| 太阳能热水 | - | 0.00 |
| 热泵热水 | - | 0.00 |
| 光伏发电 | 53.46 | 139.00 |
| 风力发电 | 0.18 | 0.47 |
| 合计 | | 174.21 |
| 可再生能源利用率(%) | 117 | |

## 结论

|  |  |  |
| --- | --- | --- |
|  | 设计建筑 | 基准建筑 |
| 建筑本体能耗(一次能源) (kWh/㎡) | 123.66 | 177.48 |
| 建筑综合能耗(一次能源) (kWh/㎡) | 0.00 | 177.48 |
|  | 值 | 限值 |
| 建筑本体能耗节能率(%) | 30.32 | 30.00 |
| 建筑综合能耗节能率(%) | 100.00 | 60.00 |
| 可再生能源利用率(%) | 117 | 10 |
| 标准依据 | 《近零能耗建筑技术标准》(GB/T51350-2019)表5.0.2 | |
| 标准要求 | 建筑本体节能率、综合节能率应符合表5.0.2 | |
| 结论 | 满足 | |

# 附录

## 工作日/节假日人员逐时在室率(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 会议室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 0 | 0 | 0 |
| 大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 展览馆 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0 |
| 库房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 文印间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 电子信息机房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 酒吧、茶座 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 0 | 0 | 0 |
| 餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 0 | 0 | 0 |
| 高档办公室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

## 工作日/节假日照明开关时间表(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 会议室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 展览馆 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 库房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 文印间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 楼梯间 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 50 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 80 | 90 | 100 | 100 | 100 | 10 | 10 | 10 |
| 电子信息机房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 酒吧、茶座 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 0 | 0 | 0 |
| 高档办公室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

## 工作日/节假日设备逐时使用率(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 会议室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 展览馆 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 0 | 0 | 0 |
| 库房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 开水间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 文印间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 50 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 70 | 50 | 0 | 0 | 0 |
| 电子信息机房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 酒吧、茶座 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 高档办公室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

## 工作日/节假日空调系统运行时间表(1:开,0:关)

采暖期：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 系统编号 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 默认 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

供冷期：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 系统编号 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 默认 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日

## 工作日/节假日新风运行时间表(%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 会议室 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 大厅 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 展览馆 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 库房 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 开水间 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 文印间 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 电子信息机房 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 设备间 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 走廊 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 酒吧、茶座 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 |
| 高档办公室 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

注：上行：工作日；下行：节假日