**新建项目**

**全年负荷计算书**

|  |  |
| --- | --- |
| 工程名称 | 新建项目 |
| 设计编号 |  |
| 建设单位 | 湖南工程学院 |
| 设计单位 | 湖南工程学院 |
| 计 算 人 |  |
| 校 对 人 |  |
| 审 核 人 |  |
| 计算日期 | 2024年3月3日 |



|  |  |
| --- | --- |
| 采用软件 | 暖通负荷BECH2023 |
| 软件版本 | 20220808(SP1) |
| 研发单位 | 北京绿建软件股份有限公司 |
| 正版授权码 | T19330235087 |

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# 建筑概况

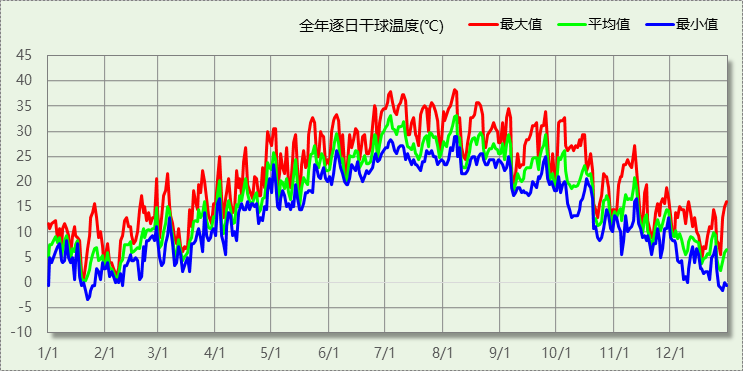
|  |  |  |
| --- | --- | --- |
| 地理位置 | 湖南-湘潭 | |
| 气候分区 | 夏热冬冷 | |
| 北纬 | 27.90 | |
| 东经 | 112.90 | |
| 建筑名称 | 新建项目 | |
| 建筑类型 | 居住建筑 |  |
| 建筑面积 | 地上 464.16 ㎡ | 地下 0.00 ㎡ |
| 建筑高度 | 地上 8.94 m | 地下0.00 |
| 建筑层数 | 地上 2 | 地下 0 |
| 北向角度 | 90° | |

# 气象数据

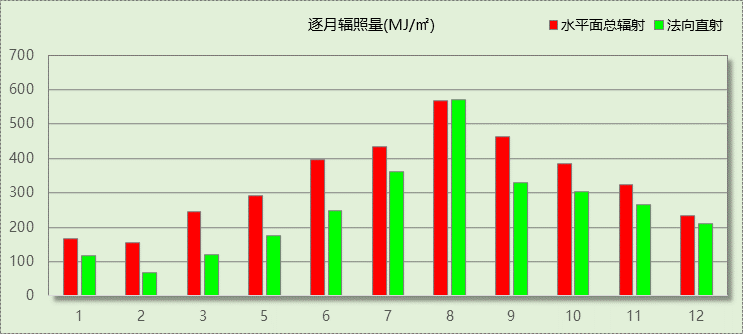
## 气象地点

湖南-长沙（望城）, 《中国建筑热环境分析专用气象数据集》

## 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 | 08月06日14时 | 38.3 | 28.9 | 21.4 | 93.5 |
| 最冷 | 01月21日04时 | -3.3 | -3.3 | 2.9 | 3.9 |

# 软件介绍

本报告采用的软件为绿建暖通负荷BECH2023，该软件紧密结合暖通和节能设计规范、可根据项目实际情况建立建筑热工模型，并可对围护结构材料、房间内扰发热、作息时间表、热回收方式等参数进行设置。

软件包含全国各地典型气象年数据，内置DOE2.1E内核，对于建筑的逐时负荷进行动态模拟，既可以模拟8760小时理想负荷，也可以根据设定好的采暖期/空调期进行逐时模拟。

软件还支持分析全年建筑能耗的来源构成，依据日射得热、新风负荷、围护传热和内扰得热进行归类分项，生成设计建筑全年负荷计算报告书，提供详实的数据和多样的图表，为设计师在设备选型、制定运行策略等方面提供参考和帮助。

# 围护结构

## 屋顶构造

### 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 |
| 1:3水泥砂浆找平层 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 聚苯颗粒保温砂浆（1） | 100 | 0.059 | 1.047 | 1.20 | 1.412 | 1.775 |
| 1:3水泥砂浆找平层 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 钢筋混凝土屋面板 | 120 | 1.740 | 17.060 | 1.00 | 0.069 | 1.177 |
| 石灰水泥砂浆 | 20 | 0.870 | 10.627 | 1.00 | 0.023 | 0.244 |
| 各层之和∑ | 280 | － | － | － | 1.547 | 3.684 |
| 外表面太阳辐射吸收系数 | 0.75 | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.59 | | | | | |
| 修正后K, D | K = 0.58, D = 3.68 | | | | | |
| 修正原因 |  | | | | | |

## 外墙构造

### 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 |
| 耐碱玻纤网布抗裂砂浆 | 5 | 0.930 | 11.306 | 1.00 | 0.005 | 0.061 |
| 膨胀聚苯板(ρ=20~30) | 85 | 0.042 | 0.360 | 1.20 | 1.687 | 0.729 |
| 陶粒混凝土多孔砖(240） | 100 | 0.600 | 6.010 | 1.00 | 0.167 | 1.002 |
| 石灰水泥砂浆 | 10 | 0.870 | 10.627 | 1.00 | 0.011 | 0.122 |
| 各层之和∑ | 200 | － | － | － | 1.870 | 1.913 |
| 外表面太阳辐射吸收系数 | 0.75 | | | | | |
| 传热系数K=1/(0.15+∑R) | 0.50 | | | | | |

## 挑空楼板构造

### 挑空楼板构造二

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 耐碱玻纤网布抗裂砂浆 | 5 | 0.930 | 11.306 | 1.00 | 0.005 | 0.061 |
| 膨胀聚苯板(ρ=20~30) | 60 | 0.042 | 0.360 | 1.20 | 1.190 | 0.514 |
| 陶粒混凝土多孔砖(240） | 240 | 0.600 | 6.010 | 1.00 | 0.400 | 2.404 |
| 石灰水泥砂浆 | 20 | 0.870 | 10.627 | 1.00 | 0.023 | 0.244 |
| 各层之和∑ | 325 | － | － | － | 1.619 | 3.223 |
| 传热系数K=1/(0.15+∑R) | 0.57 | | | | | |

## 户墙构造

### 楼梯间隔墙构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 石灰水泥砂浆 | 20 | 0.870 | 10.627 | 1.00 | 0.023 | 0.244 |
| 加气混凝土(ρ=500) | 150 | 0.190 | 3.123 | 1.25 | 0.632 | 2.466 |
| 石灰水泥砂浆 | 20 | 0.870 | 10.627 | 1.00 | 0.023 | 0.244 |
| 各层之和∑ | 190 | － | － | － | 0.678 | 2.954 |
| 传热系数K=1/(0.22+∑R) | 1.11 | | | | | |
| 修正后K, D | K = 1.12, D = 2.68 | | | | | |
| 修正原因 |  | | | | | |

## 楼板构造

### 控温房间楼板构造二

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |
| 1:3水泥砂浆找平层 | 20 | 0.930 | 11.370 | 1.00 | 0.022 | 0.245 |
| 挤塑聚苯板 | 30 | 0.030 | 0.381 | 1.10 | 0.909 | 0.381 |
| 钢筋混凝土屋面板 | 120 | 1.740 | 17.060 | 1.00 | 0.069 | 1.177 |
| 石灰水泥砂浆 | 20 | 0.870 | 10.627 | 1.00 | 0.023 | 0.244 |
| 各层之和∑ | 190 | － | － | － | 1.023 | 2.046 |
| 传热系数K=1/(0.22+∑R) | 0.81 | | | | | |
| 修正后K, D | K = 0.81, D = 2.03 | | | | | |
| 修正原因 |  | | | | | |

## 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 | 120 | 1.740 | 17.200 | 1.00 | 0.069 | 1.186 |
| 各层之和∑ | 140 | － | － | － | 0.090 | 1.431 |
| 传热系数K=1/(0.11+∑R) | 0.52 | | | | | |
|  |  |  |  |  |  |  |

## 非周边地面构造

### 非周边地面构造一

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | 120 | 1.740 | 17.200 | 1.00 | 0.069 | 1.186 |
| 各层之和∑ | 140 | － | － | － | 0.090 | 1.431 |
| 传热系数K=1/(0.11+∑R) | 0.30 | | | | | |
|  |  |  |  |  |  |  |

## 门构造

|  |  |  |  |
| --- | --- | --- | --- |
| 序号 | 构造名称 | 传热系数 | 备注 |
| 1 | 保温门（多功能门） | 1.500 |  |
| 2 | 单层实体门 | 1.500 |  |

## 窗构造

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 构造名称 | 传热系数 | 遮阳系数 | 可见光透射比 | 备注 |
| 1 | 单框低辐射中空玻璃窗(钢、铝合金窗框) | 2.000 | 0.345 | 0.830 | 窗框窗洞面积比20~30% |
| 2 | 12A钢铝单框双玻窗（平均） | 2.000 | 0.345 | 1.000 | 来源《民用建筑热工设计规范》 |
| 3 | 12A钢铝单框双玻窗（平均） | 2.000 | 0.345 | 0.160 | 来源《民用建筑热工设计规范》 |

# 房间类型

## 房间表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 房间类型 | 空调温度 ℃ | 供暖温度 ℃ | 新风量 | 人员密度 | 照明功率 密度 | 电器设备 功率 |
| 卫生间 | － | － | 0.5(次/h) | 0(人) | 6(W/m^2) | 0(W/m^2) |
| 厨房 | － | － | 0.5(次/h) | 0(人) | 6(W/m^2) | 24(W/m^2) |
| 封闭阳台 | 26 | 18 | 0.5(次/h) | 32(m^2/人) | 6(W/m^2) | 5(W/m^2) |
| 楼梯间 | － | － | 0(m^3/h.人) | 0(人) | 0(W/m^2) | 0(W/m^2) |
| 起居室 | 26 | 18 | 0.5(次/h) | 32(m^2/人) | 6(W/m^2) | 5(W/m^2) |
| 过厅 | 26 | 18 | 0.5(次/h) | 32(m^2/人) | 6(W/m^2) | 5(W/m^2) |
| 餐厅 | 26 | 18 | 0.5(次/h) | 32(m^2/人) | 6(W/m^2) | 5(W/m^2) |

## 作息时间表

详见附录

# 系统设置

## 系统划分

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 系统编号 | 热回收 类型 | 启动 条件 | 回收 效率 | 排风 比例 | 面积(m2) | 包含的房间 |
| 默认 | 无 | -- | -- | -- | 76.51 | 阳光间,1032,1031,1030,1029,1026,1021,1002,1001,阳光间,2001,2035,2034,2033,2027 |
| Sys | 无 | -- | -- | -- | 322.10 | 1036,1024,1022,1019,1018,1011,1010,1009,1008,1007,1006,1005,1004,1003,2028,2025,2023,2020,2017,2015,2014,2013,2012 |

## 运行时间表

详见附录

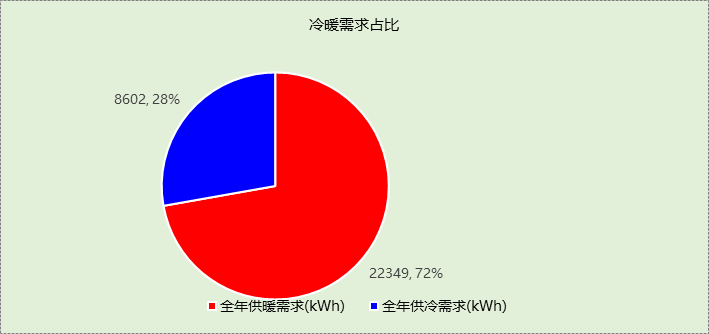
# 计算结果

## 模拟周期

供冷季(6.14-8.31) 供暖季(11.30-2.28)

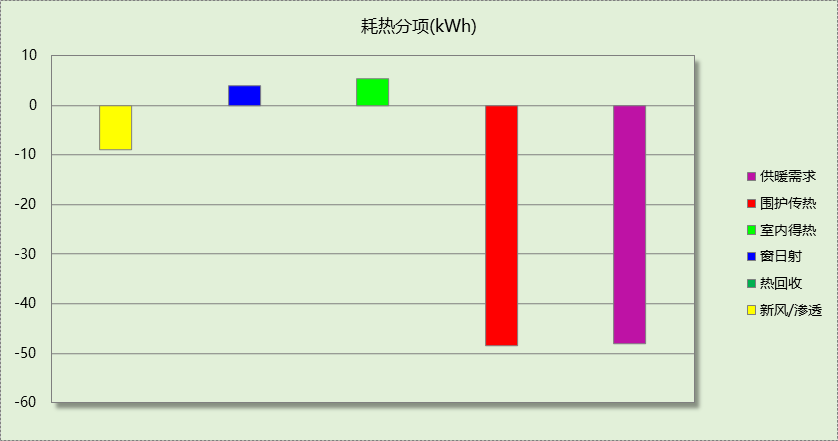
## 全年冷暖需求

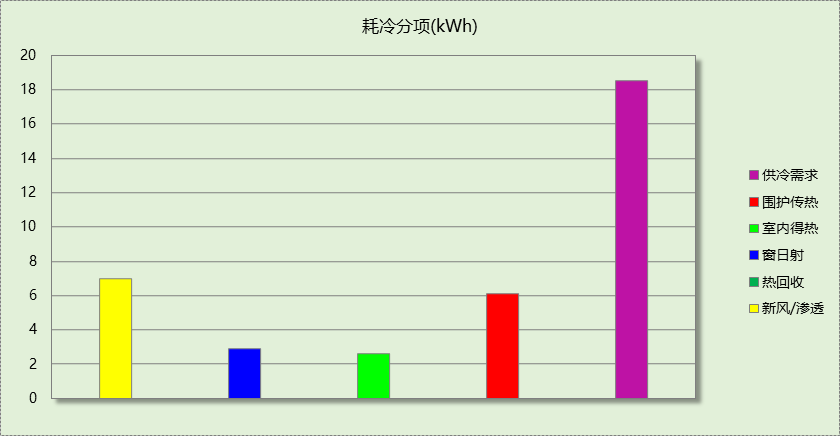
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 系统名称\负荷 | 供暖需求 (kWh) | 供暖指标 (kWh/㎡·a) | 供冷需求 (kWh) | 供冷指标 (kWh/㎡·a) |
| Sys | 21109 | 65.54 | 8075 | 25.07 |
| 默认系统 | 1239 | 16.20 | 528 | 6.90 |
| 建筑总计 | 22349 | 48.15 | 8602 | 18.53 |



## 负荷分项统计

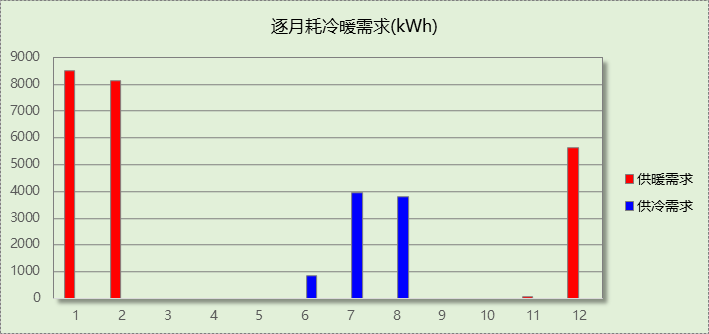
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 分类 | 围护传热 | 室内得热 | 窗日射 | 新风/渗透 | 热回收 | 合计 |
| 供暖需求(kWh/㎡) | -48.37 | 5.32 | 3.94 | -9.04 | 0.00 | -48.15 |
| 供冷需求(kWh/㎡) | 6.11 | 2.59 | 2.87 | 6.97 | 0.00 | 18.53 |

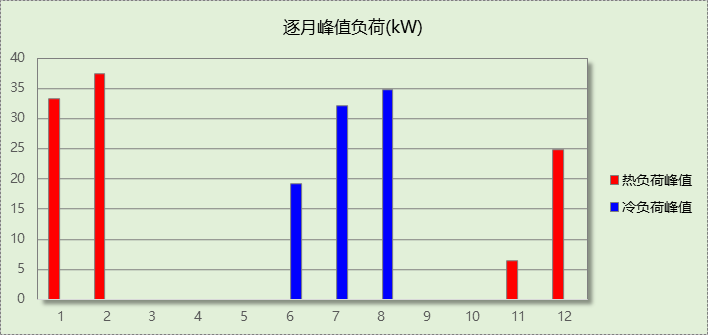




## 逐月负荷表

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 月份 | 供暖需求 (kWh) | 供冷需求 (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 | 8523 | 0 | 33.390 | 01月19日17时 | 0.000 | -- |
| 2月 | 8133 | 0 | 37.475 | 02月06日17时 | 0.000 | -- |
| 3月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 4月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 5月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 6月 | 0 | 848 | 0.000 | -- | 19.297 | 06月30日20时 |
| 7月 | 0 | 3945 | 0.000 | -- | 32.115 | 07月03日20时 |
| 8月 | 0 | 3810 | 0.000 | -- | 34.891 | 08月07日20时 |
| 9月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 10月 | 0 | 0 | 0.000 | -- | 0.000 | -- |
| 11月 | 75 | 0 | 6.468 | 11月30日06时 | 0.000 | -- |
| 12月 | 5617 | 0 | 24.793 | 12月17日17时 | 0.000 | -- |





# 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 |
| 卫生间 | 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 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 7 | 41 | 42 | 9 | 1 | 10 | 41 | 19 | 2 | 0 | 1 | 21 | 71 | 74 | 19 | 2 | 0 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 7 | 41 | 42 | 9 | 1 | 10 | 41 | 19 | 2 | 0 | 1 | 21 | 71 | 74 | 19 | 2 | 0 | 1 | 0 |
| 封闭阳台 | 16 | 16 | 16 | 15 | 16 | 24 | 31 | 19 | 15 | 14 | 14 | 19 | 22 | 19 | 13 | 14 | 18 | 35 | 49 | 54 | 50 | 35 | 21 | 15 |
| 14 | 13 | 13 | 13 | 13 | 18 | 22 | 24 | 29 | 32 | 34 | 37 | 35 | 32 | 26 | 28 | 33 | 39 | 44 | 47 | 45 | 34 | 23 | 16 |
| 楼梯间 | 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 |
| 起居室 | 16 | 16 | 16 | 15 | 16 | 24 | 31 | 19 | 15 | 14 | 14 | 19 | 22 | 19 | 13 | 14 | 18 | 35 | 49 | 54 | 50 | 35 | 21 | 15 |
| 14 | 13 | 13 | 13 | 13 | 18 | 22 | 24 | 29 | 32 | 34 | 37 | 35 | 32 | 26 | 28 | 33 | 39 | 44 | 47 | 45 | 34 | 23 | 16 |
| 过厅 | 16 | 16 | 16 | 15 | 16 | 24 | 31 | 19 | 15 | 14 | 14 | 19 | 22 | 19 | 13 | 14 | 18 | 35 | 49 | 54 | 50 | 35 | 21 | 15 |
| 14 | 13 | 13 | 13 | 13 | 18 | 22 | 24 | 29 | 32 | 34 | 37 | 35 | 32 | 26 | 28 | 33 | 39 | 44 | 47 | 45 | 34 | 23 | 16 |
| 餐厅 | 16 | 16 | 16 | 15 | 16 | 24 | 31 | 19 | 15 | 14 | 14 | 19 | 22 | 19 | 13 | 14 | 18 | 35 | 49 | 54 | 50 | 35 | 21 | 15 |
| 14 | 13 | 13 | 13 | 13 | 18 | 22 | 24 | 29 | 32 | 34 | 37 | 35 | 32 | 26 | 28 | 33 | 39 | 44 | 47 | 45 | 34 | 23 | 16 |

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 |
| 卫生间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 厨房 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 封闭阳台 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 楼梯间 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 起居室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 过厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 餐厅 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 | 50 |

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 |
| 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 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 厨房 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 封闭阳台 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 楼梯间 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 起居室 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 过厅 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 餐厅 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |
| 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 69 | 69 | 23 | 23 | 23 | 23 | 23 | 100 | 100 | 100 | 100 | 69 |

注：上行：工作日；下行：节假日

**工作日/节假日空调系统开关时间表**

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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Sys | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Sys | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 |

注：上行：工作日；下行：节假日