**建筑能效测评报告书**

居住建筑

|  |  |
| --- | --- |
| 工程名称 | 重庆场镇巴渝民居20世纪后典型住宅(绿色改造后) |
| 工程地点 | 重庆-重庆 |
| 设计编号 |  |
| 建设单位 |  |
| 设计单位 |  |
| 设 计 人 |  |
| 审 核 人 |  |
| 审 定 人 |  |
| 设计日期 | 2021年2月20日 |



|  |  |
| --- | --- |
| 采用软件 | 能耗计算BESI2020 |
| 软件版本 | 20190808 |
| 研发单位 | 北京绿建软件有限公司 |
| 正版授权码 | T13531616900 |

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# 建筑概况

|  |  |  |
| --- | --- | --- |
| 工程名称 | 重庆场镇巴渝民居20世纪后典型住宅(绿色改造后) | |
| 工程地点 | 重庆-重庆 | |
| 地理位置 | 北纬：29.58° | 东经：106.47° |
| 建筑面积(m2) | 地上650 地下0 | |
| 建筑层数 | 地上3 地下0 | |
| 建筑高度（m） | 地上10.1 地下0.0 | |
| 建筑体积(m3) | 2287.40 | |
| 建筑外表面积(m2) | 1002.42 | |
| 北向角度 | -7 | |
| 结构类型 |  | |
| 外墙太阳辐射吸收系数 | 0.75 | |
| 屋顶太阳辐射吸收系数 | 0.74 | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | 标识建筑 | | | 比对建筑 | | |
| 体形系数S | | 0.44 | | | 0.44 | | |
| 屋顶传热系数K [W/(m2·K)] | | 0.60 | | | 0.80 | | |
| 外墙（包括非透明幕墙）传热系数K [W/(m2·K)] | | 0.72 | | | 1.20 | | |
| 屋顶透明部分传热系数  K [W/(m2·K)] | | － | | | － | | |
| 屋顶透明部分遮阳系数 | | － | | | － | | |
| 底面接触室外的架空或外挑楼板传热系数K [W/(m2·K)] | | 1.00 | | | 1.20 | | |
| 楼板K [W/(m2·K)] | | 0.29 | | | 0.29 | | |
| 分户墙K [W/(m2·K)] | | － | | | － | | |
| 外窗（包括透明幕墙） | 朝向 | 窗墙比 | 传热  系数 | 遮阳  系数 | 窗墙比 | 传热  系数 | 遮阳  系数 |
| 南向 | 0.14 | 2.20 | 0.40 | 0.14 | 3.20 | 1.00 |
| 北向 | 0.13 | 2.20 | 0.40 | 0.13 | 3.20 | 1.00 |
| 东向 | 0.32 | 2.20 | 0.40 | 0.32 | 2.50 | 0.40 |
| 西向 | 0.34 | 2.20 | 0.40 | 0.34 | 2.50 | 0.40 |

# 测评依据

1. 《建筑能效标识技术标准》(JGJ/T 288-2012)

2. 标准1：《重庆市居住建筑节能65%设计标准》（DBJ50-071-2010）

3. 标准2：《民用建筑热工设计规范》(GB50176)

4. 标准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）

5. 标准4：《建筑幕墙》（GB/T 21086-2007）

# 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 | 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 |
| 细石混凝土保护层 | 1.510 | 15.892 | 2500.0 | 920.0 | 0.0000 |  |
| 碎石、卵石混凝土(ρ=2300)（1） | 1.510 | 15.360 | 2300.0 | 920.0 | 0.0173 | 蒸汽渗透系数为测定值 |
| 灰色柔性劈开砖 | 0.810 | 34.770 | 1800.0 | 880.0 | 0.1050 | 建筑材料手册（第四版） |
| 米色地砖 | 1.090 | 1.000 | 2090.0 | 1.0 | 0.0000 | 建筑材料手册（第四版）比热容、蓄热系数、渗透系数未给出 |
| 防光板 | 0.450 | 6.886 | 1380.0 | 1050.0 | 0.0000 |  |
| 铝 | － | － | － | － | － | 蒸汽渗透系数没有给出 |
| （夏季）垂直空气间层（δ=60） | 0.100 | 0.094 | 1.2 | 1005.0 | 0.0000 | 选此材料时厚度设定为50mm |
| 水泥砂浆面层 | 0.930 | 11.370 | 1800.0 | 1050.0 | 0.0210 | 蒸汽渗透系数为测定值 |
| 保温砂浆 | 0.290 | 4.440 | 800.0 | 1050.0 | 0.0000 | 蒸汽渗透系数没有给出 |
| 纸面石膏板 | 0.330 | 5.144 | 1050.0 | 1050.0 | 0.0000 |  |
| 普通粘土砖 | 0.810 | 10.551 | 1800.0 | 1050.0 | 0.0080 |  |
| 弹性聚合物粘结砂浆 | 0.930 | 11.370 | 1800.0 | 1062.0 | 0.0000 |  |
| 钢丝网（0.8\*12\*12） | 0.063 | 0.710 | 100.0 | 1100.0 | 0.0000 |  |
| 水体 | 0.470 | 5.560 | 1000.0 | 920.0 | 0.0000 | 建筑材料手册（第四版）渗透系数未给出 |
| 粘接剂 | 0.870 | 10.750 | 1700.0 | 1050.0 | 0.0000 |  |
| 聚苯板(EPS板) | 0.041 | 0.287 | 20.0 | 1380.0 | 0.0000 |  |
| 涂料 | 0.060 | 3.160 | 400.0 | 5720.3 | 0.0000 |  |
| 夯实粘土(ρ=2000) | 1.160 | 13.054 | 2000.0 | 1010.0 | 0.0000 |  |
| 聚合物砂浆（网格布） | 0.930 | 11.306 | 1800.0 | 1050.0 | 0.0000 |  |

# 标识建筑

## 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 |
| 主卧室 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 卫生间 | － | － | 0.5(次/h) | 0(㎡/人) | 6(W/㎡) | 0(W/㎡) |
| 厨房 | － | － | 0.5(次/h) | 0(㎡/人) | 6(W/㎡) | 24(W/㎡) |
| 封闭阳台 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 楼梯间 | － | － | 0(m3/h.人) | 0(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 次卧室 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 空房间 | － | － | 0(m3/h.人) | 0(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 过厅 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 餐厅 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |

### 作息时间表

详见附录

## 系统类型

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 系统编号 | 系统类型 | 供冷 能效比 | 供热 能效比 | 面积(㎡) | 包含的房间 |
| 默认 | 单元式房间空调器 | 3.00 | 3.00 | 49.10 | 2012(2),2002(2),3011(3),3009(3),3001(3) |
| Sys | 单元式房间空调器 | 3.00 | 3.00 | 231.89 | 1008(1),1004(1),1002(1),1001(1) |
| Sys0 | 单元式房间空调器 | 3.00 | 3.00 | 90.33 | 2008(2),2007(2),2006(2),2005(2),2003(2),2001(2) |
| Sys1 | 单元式房间空调器 | 3.00 | 3.00 | 85.80 | 3008(3),3007(3),3005(3),3004(3),3003(3),3002(3) |

## 制冷系统

### 多联机/单元式空调能耗

|  |  |  |  |
| --- | --- | --- | --- |
| 系统 | 能效比 | 耗冷量(kWh) | 耗电量(kWh) |
| Sys | 3.00 | 9874 | 3291 |
| Sys0 | 3.00 | 3885 | 1295 |
| Sys1 | 3.00 | 3591 | 1197 |
| 默认 | 3.00 | 0 | 0 |
| 合计 | 3.00 | 17349 | 5783 |

## 供暖系统

### 多联机/单元式热泵能耗

|  |  |  |  |
| --- | --- | --- | --- |
| 系统 | 能效比 | 耗热量(kWh) | 耗电量(kWh) |
| Sys | 3.00 | 9556 | 3185 |
| Sys0 | 3.00 | 3396 | 1132 |
| Sys1 | 3.00 | 5512 | 1837 |
| 默认 | 3.00 | 0 | 0 |
| 合计 | 3.00 | 18464 | 6155 |

# 比对建筑

## 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 |
| 主卧室 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 卫生间 | － | － | 0.5(次/h) | 0(㎡/人) | 6(W/㎡) | 0(W/㎡) |
| 厨房 | － | － | 0.5(次/h) | 0(㎡/人) | 6(W/㎡) | 24(W/㎡) |
| 封闭阳台 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 楼梯间 | － | － | 0(m3/h.人) | 0(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 次卧室 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 空房间 | － | － | 0(m3/h.人) | 0(㎡/人) | 0(W/㎡) | 0(W/㎡) |
| 过厅 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |
| 餐厅 | 26 | 18 | 0.5(次/h) | 32(㎡/人) | 6(W/㎡) | 5(W/㎡) |

### 作息时间表

同标识建筑

## 系统类型

|  |  |  |  |
| --- | --- | --- | --- |
| 系统类型 | 供冷 能效比 | 供热 能效比 | 包含房间 |
| 单元式房间空调器 | 2.80 | 2.80 | 所有房间 |

## 制冷系统

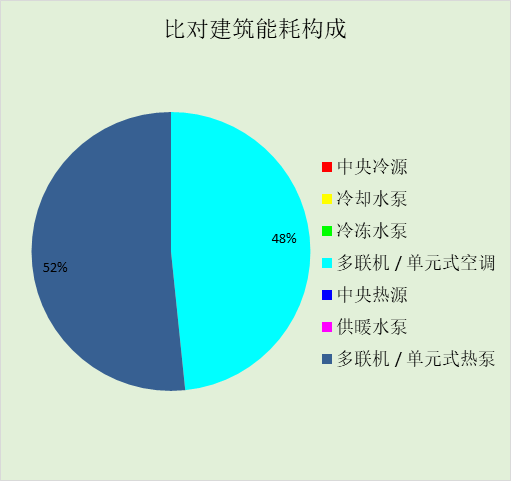
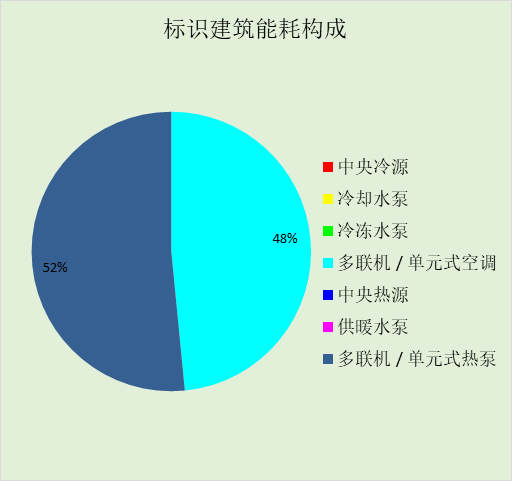
|  |  |  |  |
| --- | --- | --- | --- |
| 系统类型 | 供冷 能效比 | 冷负荷 (kWh) | 电耗(kWh) |
| 单元式房间空调器 | 2.80 | 20996 | 7498 |

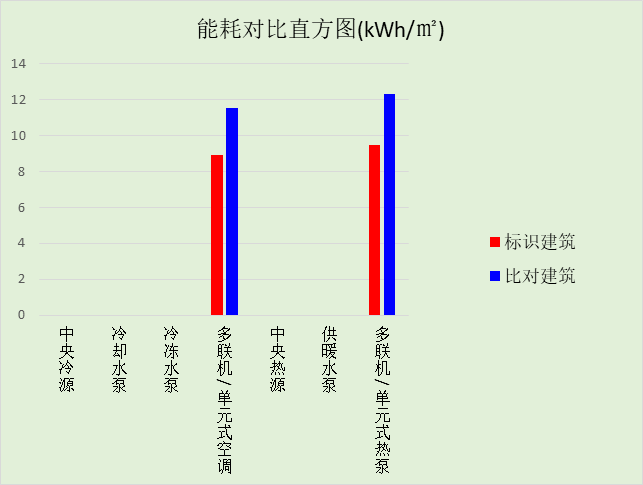
## 供暖系统

|  |  |  |  |
| --- | --- | --- | --- |
| 系统类型 | 供热 能效比 | 热负荷 (kWh) | 电耗(kWh) |
| 单元式房间空调器 | 2.80 | 22412 | 8004 |

# 计算结果

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 能耗分类 | 能耗子类 | 标识建筑  (kWh/㎡) | 比对建筑  (kWh/㎡) | 基础建筑  (kWh/㎡) | 比对节能率  （%） | 基础节能率  （%） |
| 建筑负荷 | 耗冷量 | 26.69 | 32.29 | 92.27 | 17.37% | 71.08% |
| 耗热量 | 28.40 | 34.47 | 98.50 | 17.61% | 71.16% |
| 冷热合计 | 55.09 | 66.77 | 190.76 | 17.49% | 71.12% |
| 供冷电耗 | 中央冷源 | 0.00 | 0.00 | 0.00 | 22.88% | 73.01% |
| 冷却水泵 | 0.00 | 0.00 | 0.00 |
| 冷冻水泵 | 0.00 | 0.00 | 0.00 |
| 多联机/单元式空调 | 8.90 | 11.53 | 32.95 |
| 供冷合计 | 8.90 | 11.53 | 32.95 |
| 供暖电耗 | 中央热源 | 0.00 | 0.00 | 0.00 | 23.11% | 73.09% |
| 供暖水泵 | 0.00 | 0.00 | 0.00 |
| 多联机/单元式热泵 | 9.47 | 12.31 | 35.18 |
| 供暖合计 | 9.47 | 12.31 | 35.18 |
| 采暖空调电耗 | | 18.36 | 23.85 | 68.13 | 22.99% | 73.05% |





# 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 |
| 主卧室 | 61 | 61 | 62 | 61 | 61 | 58 | 40 | 21 | 17 | 16 | 15 | 16 | 18 | 18 | 15 | 14 | 14 | 14 | 15 | 18 | 24 | 37 | 52 | 57 |
| 57 | 57 | 58 | 58 | 58 | 59 | 55 | 42 | 30 | 21 | 15 | 14 | 17 | 17 | 14 | 14 | 13 | 13 | 14 | 17 | 23 | 32 | 46 | 52 |
| 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 |
| 次卧室 | 61 | 61 | 62 | 61 | 61 | 58 | 40 | 21 | 17 | 16 | 15 | 16 | 18 | 18 | 15 | 14 | 14 | 14 | 15 | 18 | 24 | 37 | 52 | 57 |
| 57 | 57 | 58 | 58 | 58 | 59 | 55 | 42 | 30 | 21 | 15 | 14 | 17 | 17 | 14 | 14 | 13 | 13 | 14 | 17 | 23 | 32 | 46 | 52 |
| 空房间 | 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 |
| 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 |
| 主卧室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 10 | 10 | 10 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 10 | 10 | 10 |
| 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 |
| 次卧室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 10 | 10 | 10 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 | 50 | 10 | 10 | 10 |
| 空房间 | 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 |
| 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 |
| 主卧室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 10 | 10 | 10 | 10 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 10 | 10 | 10 | 10 |
| 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 |
| 次卧室 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 10 | 10 | 10 | 10 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 10 | 10 | 10 | 10 |
| 空房间 | 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 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sys | 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 |
| Sys0 | 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 |
| Sys1 | 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 |

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sys | 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 |
| Sys0 | 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 |
| Sys1 | 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 |

注：上行：工作日；下行：节假日