**都市农业植物工坊**

热负荷计算书

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| --- | --- |
| 工程名称 | 都市农业植物工坊 |
| 设计编号 |  |
| 建设单位 | 中国农业大学水利与土木工程学院 |
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# 建筑概况

|  |  |  |
| --- | --- | --- |
| 地理位置 | 北京-北京 | |
| 北纬 | 39.80 | |
| 东经 | 116.47 | |
| 建筑名称 | 都市农业植物工坊 | |
| 建筑面积 | 地上 19169.74 ㎡ | 地下 0.00 ㎡ |
| 建筑高度 | 地上 24.00 m | 地下 0.00 m |
| 建筑层数 | 地上 8 | 地下 0 |
| 北向角度 | 90° | |

# 气象参数

|  |  |
| --- | --- |
| 大气透明度等级 | 4 |
| 室外计算温度(℃) | -7.6 |
| 冬季围护结构外表面换热系数αw(W/㎡· K) | 23.0 |
| 围护结构内表面换热系数αn(W/㎡· K) | 8.7 |

# 计算依据

1. 《民用建筑供暖通风与空气调节设计规范》GB50736-2012.中国建筑工业出版社，2012

2. 《全国民用建筑工程设计技术措施/暖通空调·动力》.中国计划出版社，2009

3. 《建筑设备专业技术措施》.中国建筑工业出版社，2006

4. 《严寒和寒冷地区居住建筑节能设计标准》JGJ26-2010.中国建筑工业出版社，2010

5. 《公共建筑节能设计标准》GB50189-2015.中国建筑工业出版社，2015

# 计算原理

## 围护结构传热耗热量

围护结构的传热耗热量由基本耗热量和附加耗热量构成。

围护结构的基本耗热量按下式计算：



式中：

Q——围护结构的基本耗热量（W）；

α——围护结构温差修正系数；

F——围护结构的面积（㎡） ；

K——围护结构的传热系数〔W /（㎡•℃）〕；

tn——采暖室内计算温度（℃）；

twn——采暖室外计算温度或邻室计算温度（℃）。

## 围护结构的附加耗热量

该项耗热量按其占基本耗热量的百分率确定。

Q1 =(Q +1 .Q +2 .Q +3 .Q)(1+4)=(1+1+2+3)(1+4)Q

式中：

Q —— 围护结构基本耗热量

Q1—— 围护结构传热耗热量

α1——朝向修正率：

α2——风力附加率

α3——外门附加率

α4——高度附加率，附加于围护结构的基本耗热量和其他附加耗热量之和上。

## 冷风渗入耗热量

冷风渗透耗热量有缝隙法、换气次数法和百分率法三种供选择。

（1）、缝隙法

◆加热由外窗、阳台外门窗缝隙渗人室内的冷空气的耗热量，按下式计算：



式中：

Q——由门窗缝隙渗人室内的冷空气的耗热量（W）；

Cp——空气的定压比热容；

ρwn——采暖室外计算温度下的空气密度（kg/m³）；

tn——采暖室内计算温度（℃）；

twn——采暖室外计算温度（℃）；

L——渗透冷空气量（m³/h），根据不同的朝向，按下列计算公式确定：



式中：

L0——在基准高度单纯风压作用下，不考虑朝向修正和建筑物内部隔断情况时，通过每米门窗缝隙进入室内的理论渗透冷空气量 [m³/（m·h）]；

l1——外门窗缝隙的长度(m)；

m——风压与热压共同作用下，不同朝向、不同高度的门窗冷风渗透压差综合修正系数；

b——门窗缝隙渗风指数，b=0.56～0.78，当无实测数据时，可取 b =0.67。

（2）、换气次数法：

多层建筑的渗透冷空气量，当无相关数据时，按以下公式计算：



式中：

V——房间体积（ m3 ）；

k——换气次数（次／h），用户输入。

（3）、百分率附加法：

工业建筑，加热由门窗缝隙渗人室内的冷空气的耗热量，可按下表估算：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 建筑物高度（m） | | ＜4.5 | 4.5～10.0 | ＞10.0 |
| 玻璃窗层数 | 单层 | 25 | 35 | 40 |
| 单、双层均有 | 20 | 30 | 35 |
| 双层 | 15 | 25 | 30 |

## 新风耗热量

对于空调热负荷，采用热风采暖。房间的新风负荷按下式计算：

Q=0.28L(-)(1-η１ζ)

式中：

L —— 房间的设计新风量(m3/h)，用户输入；

η１——显热回收效率（0～１），没有热回收时为0

ζ——排风比例（０～１），即热回收装置的排风量/新风量

hn——室内焓

hw——室外焓

## 通过其他途径的耗热量

通过其他途径的耗热量包括：水分蒸发的耗热量、加热由外部运人的冷物料和运输工具的耗热量、热管道以及其他表面的散热量等。

## 分户计量和间歇采暖热负荷



式中：

Q1——围护结构耗热量、冷风渗透耗热量、新风耗热量和其他耗热量之和；

α——间歇采暖采暖修正系数；

Q户间——户间传热，不计入系统负荷和整个建筑负荷，只作为选取房间供暖设备设施的依据,有两种可选方法来计算：

（1）单位面积法，按下式计算：



式中：

q ——单位使用面积的户间传热量；

M ——房间使用面积。

（2）计算温差法，户间传热量不宜大于房间热负荷的50%，按下式计算：



式中：

P ——同时产生传热的概率系数：

Fi——第i个户间传热围护结构的传热面积；

ki——第i个户间传热围护结构的传热系数；

△t——户间传热温差，宜取5到6℃。

# 外围护构造

|  |  |
| --- | --- |
| 构造名称 | 冬季传热系数K=1/(0.11+∑R+0.04) (W/㎡.K) |
| 屋顶构造一 | 0.774 |
| 外墙构造一 | 1.126 |
| 热桥柱构造一 | 1.126 |

# 内围护构造

|  |  |
| --- | --- |
| 构造名称 | 传热系数K=1/(0.11+∑R+0.11) (W/㎡.K) |
| 控温房间隔墙构造一 | 1.925 |
| 控温房间楼板构造一 | 2.984 |

# 封闭阳台构造

本工程无此项内容

# 地下围护构造

## 周边地面

|  |  |
| --- | --- |
| 构造名称 | 冬季传热系数K |
| 周边地面构造一 | 0.514 |

## 非周边地面

|  |  |
| --- | --- |
| 构造名称 | 冬季传热系数K |
| 非周边地面构造一 | 0.298 |

# 窗构造

|  |  |  |
| --- | --- | --- |
| 做法名称 | 传热系数W/㎡.K | 遮阳系数 |
| 12A钢铝单框双玻窗（平均） | 3.90 | 0.75 |

# 门构造

|  |  |
| --- | --- |
| 做法名称 | 传热系数W/㎡.K |
| 保温门（多功能门） | 1.97 |
| 内门 | 3.00 |

# 负荷指标

|  |  |  |
| --- | --- | --- |
| 整楼负荷(W) | 建筑面积(㎡) | 负荷指标(W/㎡) |
| 737847 | 19169.74 | 38.49 |
| 采暖面积(㎡) | 负荷指标(W/㎡) |
| 17510.67 | 42.14 |

# 房间热负荷汇总表(按楼层)

| 楼层 | 房间 | 面积 | 室温 | 围护 结构 | 新风 | 冷风 渗透 | 间歇 采暖 | 户间 传热 | 热负荷 | 指标 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ㎡ | ℃ | W | W | W | W | W | W | W/㎡ |
| 1层 | X001[房间] | 824 | 20 | 13323 | 14115 | 0 | 0 | 0 | 27439 | 33.3 |
| X002[房间] | 214 | 20 | 6980 | 3495 | 0 | 0 | 0 | 10476 | 49.1 |
| X003[房间] | 172 | 20 | 5341 | 2823 | 0 | 0 | 0 | 8164 | 47.5 |
| X004[房间] | 172 | 20 | 6358 | 2823 | 0 | 0 | 0 | 9181 | 53.5 |
| X005[房间] | 155 | 20 | 8610 | 2554 | 0 | 0 | 0 | 11164 | 72.2 |
| X006[房间] | 155 | 20 | 7932 | 2554 | 0 | 0 | 0 | 10486 | 67.8 |
| X007,X008[房间] | 113 | 20 | 3678 | 1882 | 0 | 0 | 0 | 5560 | 49.1 |
| X009[房间] | 113 | 20 | 3678 | 1882 | 0 | 0 | 0 | 5560 | 49.0 |
| X010,X011[房间] | 113 | 20 | 4022 | 1882 | 0 | 0 | 0 | 5904 | 52.1 |
| X012,X013[房间] | 113 | 20 | 4239 | 1882 | 0 | 0 | 0 | 6121 | 54.0 |
| X014,X015,X017,X018,X020,X023,X024,X026[房间] | 97 | 20 | 3561 | 1613 | 0 | 0 | 0 | 5174 | 53.6 |
| X016[房间] | 97 | 20 | 3561 | 1613 | 0 | 0 | 0 | 5174 | 53.5 |
| X019,X029[房间] | 97 | 20 | 5757 | 1613 | 0 | 0 | 0 | 7370 | 76.3 |
| X021[房间] | 97 | 20 | 3561 | 1613 | 0 | 0 | 0 | 5174 | 53.5 |
| X022[房间] | 97 | 20 | 3561 | 1613 | 0 | 0 | 0 | 5174 | 53.6 |
| X025[房间] | 97 | 20 | 3819 | 1613 | 0 | 0 | 0 | 5433 | 56.2 |
| X027[房间] | 97 | 20 | 3303 | 1613 | 0 | 0 | 0 | 4916 | 50.9 |
| X028[房间] | 97 | 20 | 1107 | 0 | 0 | 0 | 0 | 1107 | 11.5 |
| X030[房间] | 55 | 20 | 4356 | 941 | 0 | 0 | 0 | 5297 | 96.6 |
| X031,X032[卫生间] | 47 | 20 | 1584 | 807 | 0 | 0 | 0 | 2391 | 51.3 |
| X033,X034[卫生间] | 47 | 20 | 1693 | 807 | 0 | 0 | 0 | 2499 | 53.7 |
| X035[楼梯间] | 38 | 20 | 1483 | 672 | 0 | 0 | 0 | 2155 | 56.5 |
| X036[楼梯间] | 38 | 20 | 1386 | 672 | 0 | 0 | 0 | 2058 | 53.9 |
| X037[房间] | 15 | 20 | 192 | 0 | 0 | 0 | 0 | 192 | 12.7 |
| X038[电梯间] | 15 | 20 | 1214 | 280 | 0 | 0 | 0 | 1494 | 99.0 |
| **合计** | **4378** |  | **150199** | **71529** | **0** | **0** |  | **221728** | **50.6** |
| 2层 | X001@2[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@2[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@2[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@2[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@2[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@2[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@2,X008@2[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@2[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@2,X011@2,X012@2,X013@2[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@2,X015@2,X017@2,X018@2,X020@2,X023@2,X024@2,X026@2[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@2[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@2,X029@2[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@2[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@2[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@2[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@2[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@2[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@2[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@2,X032@2[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@2,X034@2[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@2[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@2[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@2[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@2[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| 3层 | X001@3[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@3[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@3[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@3[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@3[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@3[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@3,X008@3[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@3[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@3,X011@3,X012@3,X013@3[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@3,X015@3,X017@3,X018@3,X020@3,X023@3,X024@3,X026@3[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@3[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@3,X029@3[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@3[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@3[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@3[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@3[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@3[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@3[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@3,X032@3[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@3,X034@3[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@3[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@3[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@3[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@3[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| 4层 | X001@4[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@4[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@4[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@4[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@4[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@4[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@4,X008@4[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@4[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@4,X011@4,X012@4,X013@4[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@4,X015@4,X017@4,X018@4,X020@4,X023@4,X024@4,X026@4[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@4[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@4,X029@4[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@4[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@4[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@4[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@4[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@4[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@4[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@4,X032@4[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@4,X034@4[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@4[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@4[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@4[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@4[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| 5层 | X001@5[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@5[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@5[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@5[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@5[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@5[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@5,X008@5[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@5[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@5,X011@5,X012@5,X013@5[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@5,X015@5,X017@5,X018@5,X020@5,X023@5,X024@5,X026@5[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@5[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@5,X029@5[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@5[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@5[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@5[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@5[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@5[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@5[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@5,X032@5[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@5,X034@5[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@5[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@5[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@5[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@5[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| 6层 | X001@6[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@6[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@6[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@6[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@6[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@6[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@6,X008@6[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@6[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@6,X011@6,X012@6,X013@6[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@6,X015@6,X017@6,X018@6,X020@6,X023@6,X024@6,X026@6[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@6[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@6,X029@6[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@6[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@6[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@6[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@6[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@6[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@6[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@6,X032@6[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@6,X034@6[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@6[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@6[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@6[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@6[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| 7层 | X001@7[房间] | 412 | 20 | 1848 | 7058 | 0 | 0 | 0 | 8906 | 21.6 |
| X002@7[房间] | 107 | 20 | 2291 | 1748 | 0 | 0 | 0 | 4038 | 37.8 |
| X003@7[房间] | 86 | 20 | 1701 | 1412 | 0 | 0 | 0 | 3113 | 36.2 |
| X004@7[房间] | 86 | 20 | 2319 | 1412 | 0 | 0 | 0 | 3730 | 43.5 |
| X005@7[房间] | 77 | 20 | 3428 | 1277 | 0 | 0 | 0 | 4705 | 60.8 |
| X006@7[房间] | 77 | 20 | 3089 | 1277 | 0 | 0 | 0 | 4366 | 56.5 |
| X007@7,X008@7[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.7 |
| X009@7[房间] | 57 | 20 | 1193 | 941 | 0 | 0 | 0 | 2134 | 37.6 |
| X010@7,X011@7,X012@7,X013@7[房间] | 57 | 20 | 1473 | 941 | 0 | 0 | 0 | 2415 | 42.6 |
| X014@7,X015@7,X017@7,X018@7,X020@7,X023@7,X024@7,X026@7[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X016@7[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X019@7,X029@7[房间] | 48 | 20 | 2325 | 807 | 0 | 0 | 0 | 3131 | 64.8 |
| X021@7[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.0 |
| X022@7[房间] | 48 | 20 | 1227 | 807 | 0 | 0 | 0 | 2033 | 42.1 |
| X025@7[房间] | 48 | 20 | 1356 | 807 | 0 | 0 | 0 | 2163 | 44.8 |
| X027@7[房间] | 48 | 20 | 1098 | 807 | 0 | 0 | 0 | 1904 | 39.4 |
| X028@7[房间] | 48 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X030@7[房间] | 27 | 20 | 1855 | 471 | 0 | 0 | 0 | 2326 | 84.8 |
| X031@7,X032@7[卫生间] | 23 | 20 | 515 | 403 | 0 | 0 | 0 | 919 | 39.4 |
| X033@7,X034@7[卫生间] | 23 | 20 | 569 | 403 | 0 | 0 | 0 | 973 | 41.8 |
| X035@7[楼梯间] | 19 | 20 | 511 | 336 | 0 | 0 | 0 | 847 | 44.4 |
| X036@7[楼梯间] | 19 | 20 | 462 | 336 | 0 | 0 | 0 | 798 | 41.8 |
| X037@7[房间] | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| X038@7[电梯间] | 8 | 20 | 511 | 140 | 0 | 0 | 0 | 651 | 86.2 |
| **合计** | **2189** |  | **50255** | **35765** | **0** | **0** |  | **86020** | **39.3** |
| **总计** | | **17511** |  | **451731** | **286116** | **0** | **0** |  | **737847** | **42.1** |

说明：上表中合计和总计面积为采暖面积。

# 房间热负荷详细表

| 房间 | 传热项 | 面积 | 传热 系数 | 室 温 | 计算 温差 | 温差 修正 | 基本 耗热 | 朝向 修正 | 风力 附加 | 外门 附加 | 附加后 耗热量 | 高度 附加 | 热负荷 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ㎡ | W/㎡· K | ℃ | ℃ |  | W |  |  |  | W |  | W |
| X001[房间] | 南外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | -0.15 | 0.00 | 0.00 | 332.8 | 0.00 | 332.8 |
| 东外墙 | 9.30 | 1.13 | 20 | 27.6 | 1.0 | 289.0 | -0.05 | 0.00 | 0.00 | 274.6 | 0.00 | 274.6 |
| 北外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | 0.05 | 0.00 | 0.00 | 411.2 | 0.00 | 411.2 |
| 西外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | -0.05 | 0.00 | 0.00 | 372.0 | 0.00 | 372.0 |
| 南外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | -0.15 | 0.00 | 0.00 | 494.1 | 0.00 | 494.1 |
| 北外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | 0.05 | 0.00 | 0.00 | 610.3 | 0.00 | 610.3 |
| 西外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | -0.05 | 0.00 | 0.00 | 552.2 | 0.00 | 552.2 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 东外门 | 6.00 | 1.97 | 20 | 27.6 | 1.0 | 326.6 | -0.05 | 0.00 | 0.00 | 310.2 | 0.00 | 310.2 |
| 屋顶 | 453.60 | 0.77 | 20 | 27.6 | 1.0 | 9690.0 | 0.00 | 0.00 | 0.00 | 9690.0 | 0.00 | 9690.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 14115.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **27439** |
| X002[房间] | 南外墙 | 61.20 | 1.13 | 20 | 27.6 | 1.0 | 1901.9 | -0.15 | 0.00 | 0.00 | 1616.7 | 0.00 | 1616.7 |
| 南外窗 | 32.40 | 3.90 | 20 | 27.6 | 1.0 | 3487.5 | -0.15 | 0.00 | 0.00 | 2964.4 | 0.00 | 2964.4 |
| 屋顶 | 112.32 | 0.77 | 20 | 27.6 | 1.0 | 2399.4 | 0.00 | 0.00 | 0.00 | 2399.4 | 0.00 | 2399.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 3495.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **10476** |
| X003[房间] | 南外墙 | 54.00 | 1.13 | 20 | 27.6 | 1.0 | 1678.2 | -0.15 | 0.00 | 0.00 | 1426.5 | 0.00 | 1426.5 |
| 南外窗 | 21.60 | 3.90 | 20 | 27.6 | 1.0 | 2325.0 | -0.15 | 0.00 | 0.00 | 1976.3 | 0.00 | 1976.3 |
| 屋顶 | 90.72 | 0.77 | 20 | 27.6 | 1.0 | 1938.0 | 0.00 | 0.00 | 0.00 | 1938.0 | 0.00 | 1938.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 2823.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8164** |
| X004[房间] | 北外墙 | 51.30 | 1.13 | 20 | 27.6 | 1.0 | 1594.3 | 0.05 | 0.00 | 0.00 | 1674.0 | 0.00 | 1674.0 |
| 北外窗 | 24.30 | 3.90 | 20 | 27.6 | 1.0 | 2615.7 | 0.05 | 0.00 | 0.00 | 2746.4 | 0.00 | 2746.4 |
| 屋顶 | 90.72 | 0.77 | 20 | 27.6 | 1.0 | 1938.0 | 0.00 | 0.00 | 0.00 | 1938.0 | 0.00 | 1938.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 2823.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **9181** |
| X005[房间] | 北外墙 | 41.40 | 1.13 | 20 | 27.6 | 1.0 | 1286.6 | 0.05 | 0.00 | 0.00 | 1350.9 | 0.00 | 1350.9 |
| 东外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.05 | 0.00 | 0.00 | 797.1 | 0.00 | 797.1 |
| 北外窗 | 27.00 | 3.90 | 20 | 27.6 | 1.0 | 2906.3 | 0.05 | 0.00 | 0.00 | 3051.6 | 0.00 | 3051.6 |
| 东外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.05 | 0.00 | 0.00 | 1656.6 | 0.00 | 1656.6 |
| 屋顶 | 82.08 | 0.77 | 20 | 27.6 | 1.0 | 1753.4 | 0.00 | 0.00 | 0.00 | 1753.4 | 0.00 | 1753.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 2554.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **11164** |
| X006[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 西外墙 | 41.40 | 1.13 | 20 | 27.6 | 1.0 | 1286.6 | -0.05 | 0.00 | 0.00 | 1222.3 | 0.00 | 1222.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 西外窗 | 27.00 | 3.90 | 20 | 27.6 | 1.0 | 2906.3 | -0.05 | 0.00 | 0.00 | 2761.0 | 0.00 | 2761.0 |
| 屋顶 | 82.08 | 0.77 | 20 | 27.6 | 1.0 | 1753.4 | 0.00 | 0.00 | 0.00 | 1753.4 | 0.00 | 1753.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 2554.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **10486** |
| X007,X008,X009[房间] | 南外墙 | 34.20 | 1.13 | 20 | 27.6 | 1.0 | 1062.9 | -0.15 | 0.00 | 0.00 | 903.4 | 0.00 | 903.4 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 屋顶 | 60.48 | 0.77 | 20 | 27.6 | 1.0 | 1292.0 | 0.00 | 0.00 | 0.00 | 1292.0 | 0.00 | 1292.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1882.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5560** |
| X010,X011[房间] | 北外墙 | 36.90 | 1.13 | 20 | 27.6 | 1.0 | 1146.8 | 0.05 | 0.00 | 0.00 | 1204.1 | 0.00 | 1204.1 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 屋顶 | 60.48 | 0.77 | 20 | 27.6 | 1.0 | 1292.0 | 0.00 | 0.00 | 0.00 | 1292.0 | 0.00 | 1292.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1882.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5904** |
| X012,X013[房间] | 北外墙 | 34.20 | 1.13 | 20 | 27.6 | 1.0 | 1062.9 | 0.05 | 0.00 | 0.00 | 1116.0 | 0.00 | 1116.0 |
| 北外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | 0.05 | 0.00 | 0.00 | 1831.0 | 0.00 | 1831.0 |
| 屋顶 | 60.48 | 0.77 | 20 | 27.6 | 1.0 | 1292.0 | 0.00 | 0.00 | 0.00 | 1292.0 | 0.00 | 1292.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1882.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **6121** |
| X014,X015,X017,X018,X020,X026[房间] | 东外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.05 | 0.00 | 0.00 | 797.1 | 0.00 | 797.1 |
| 东外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.05 | 0.00 | 0.00 | 1656.6 | 0.00 | 1656.6 |
| 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1613.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5174** |
| X016,X021,X022,X023,X024[房间] | 西外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.05 | 0.00 | 0.00 | 797.1 | 0.00 | 797.1 |
| 西外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.05 | 0.00 | 0.00 | 1656.6 | 0.00 | 1656.6 |
| 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1613.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5174** |
| X019,X029[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 东外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.05 | 0.00 | 0.00 | 797.1 | 0.00 | 797.1 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 东外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.05 | 0.00 | 0.00 | 1656.6 | 0.00 | 1656.6 |
| 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1613.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **7370** |
| X025[房间] | 北外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | 0.05 | 0.00 | 0.00 | 881.0 | 0.00 | 881.0 |
| 北外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | 0.05 | 0.00 | 0.00 | 1831.0 | 0.00 | 1831.0 |
| 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1613.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5433** |
| X027[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1613.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4916** |
| X028[房间] | 屋顶 | 51.84 | 0.77 | 20 | 27.6 | 1.0 | 1107.4 | 0.00 | 0.00 | 0.00 | 1107.4 | 0.00 | 1107.4 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1107** |
| X030[房间] | 西外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.05 | 0.00 | 0.00 | 797.1 | 0.00 | 797.1 |
| 北外墙 | 19.80 | 1.13 | 20 | 27.6 | 1.0 | 615.3 | 0.05 | 0.00 | 0.00 | 646.1 | 0.00 | 646.1 |
| 西外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.05 | 0.00 | 0.00 | 1656.6 | 0.00 | 1656.6 |
| 北外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | 0.05 | 0.00 | 0.00 | 610.3 | 0.00 | 610.3 |
| 屋顶 | 30.24 | 0.77 | 20 | 27.6 | 1.0 | 646.0 | 0.00 | 0.00 | 0.00 | 646.0 | 0.00 | 646.0 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **5297** |
| X031,X032[卫生间] | 西外墙 | 16.20 | 1.13 | 20 | 27.6 | 1.0 | 503.5 | -0.05 | 0.00 | 0.00 | 478.3 | 0.00 | 478.3 |
| 西外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | -0.05 | 0.00 | 0.00 | 552.2 | 0.00 | 552.2 |
| 屋顶 | 25.92 | 0.77 | 20 | 27.6 | 1.0 | 553.7 | 0.00 | 0.00 | 0.00 | 553.7 | 0.00 | 553.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2391** |
| X033,X034[卫生间] | 北外墙 | 16.20 | 1.13 | 20 | 27.6 | 1.0 | 503.5 | 0.05 | 0.00 | 0.00 | 528.6 | 0.00 | 528.6 |
| 北外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | 0.05 | 0.00 | 0.00 | 610.3 | 0.00 | 610.3 |
| 屋顶 | 25.92 | 0.77 | 20 | 27.6 | 1.0 | 553.7 | 0.00 | 0.00 | 0.00 | 553.7 | 0.00 | 553.7 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2499** |
| X035[楼梯间] | 北外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | 0.05 | 0.00 | 0.00 | 411.2 | 0.00 | 411.2 |
| 北外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | 0.05 | 0.00 | 0.00 | 610.3 | 0.00 | 610.3 |
| 屋顶 | 21.60 | 0.77 | 20 | 27.6 | 1.0 | 461.4 | 0.00 | 0.00 | 0.00 | 461.4 | 0.00 | 461.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 672.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2155** |
| X036[楼梯间] | 西外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | -0.05 | 0.00 | 0.00 | 372.0 | 0.00 | 372.0 |
| 西外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | -0.05 | 0.00 | 0.00 | 552.2 | 0.00 | 552.2 |
| 屋顶 | 21.60 | 0.77 | 20 | 27.6 | 1.0 | 461.4 | 0.00 | 0.00 | 0.00 | 461.4 | 0.00 | 461.4 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 672.2 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2058** |
| X037[房间] | 屋顶 | 9.00 | 0.77 | 20 | 27.6 | 1.0 | 192.3 | 0.00 | 0.00 | 0.00 | 192.3 | 0.00 | 192.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **192** |
| X038[电梯间] | 北外墙 | 12.60 | 1.13 | 20 | 27.6 | 1.0 | 391.6 | 0.05 | 0.00 | 0.00 | 411.2 | 0.00 | 411.2 |
| 北外窗 | 5.40 | 3.90 | 20 | 27.6 | 1.0 | 581.3 | 0.05 | 0.00 | 0.00 | 610.3 | 0.00 | 610.3 |
| 屋顶 | 9.00 | 0.77 | 20 | 27.6 | 1.0 | 192.3 | 0.00 | 0.00 | 0.00 | 192.3 | 0.00 | 192.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 280.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1494** |
| 1层 | |  | | | | | | | | | | | **221728** |
| X001@2[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@2[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@2[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@2[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@2[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@2[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@2,X008@2,X009@2[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@2,X011@2,X012@2,X013@2[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@2,X015@2,X017@2,X018@2,X020@2,X026@2[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@2,X021@2,X022@2,X023@2,X024@2[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@2,X029@2[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@2[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@2[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@2,X037@2[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@2[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@2,X032@2[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@2,X034@2[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@2[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@2[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@2[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 2层 | |  | | | | | | | | | | | **86020** |
| X001@3[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@3[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@3[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@3[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@3[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@3[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@3,X008@3,X009@3[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@3,X011@3,X012@3,X013@3[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@3,X015@3,X017@3,X018@3,X020@3,X026@3[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@3,X021@3,X022@3,X023@3,X024@3[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@3,X029@3[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@3[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@3[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@3,X037@3[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@3[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@3,X032@3[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@3,X034@3[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@3[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@3[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@3[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 3层 | |  | | | | | | | | | | | **86020** |
| X001@4[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@4[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@4[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@4[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@4[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@4[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@4,X008@4,X009@4[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@4,X011@4,X012@4,X013@4[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@4,X015@4,X017@4,X018@4,X020@4,X026@4[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@4,X021@4,X022@4,X023@4,X024@4[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@4,X029@4[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@4[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@4[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@4,X037@4[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@4[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@4,X032@4[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@4,X034@4[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@4[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@4[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@4[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 4层 | |  | | | | | | | | | | | **86020** |
| X001@5[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@5[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@5[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@5[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@5[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@5[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@5,X008@5,X009@5[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@5,X011@5,X012@5,X013@5[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@5,X015@5,X017@5,X018@5,X020@5,X026@5[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@5,X021@5,X022@5,X023@5,X024@5[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@5,X029@5[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@5[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@5[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@5,X037@5[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@5[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@5,X032@5[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@5,X034@5[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@5[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@5[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@5[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 5层 | |  | | | | | | | | | | | **86020** |
| X001@6[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@6[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@6[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@6[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@6[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@6[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@6,X008@6,X009@6[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@6,X011@6,X012@6,X013@6[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@6,X015@6,X017@6,X018@6,X020@6,X026@6[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@6,X021@6,X022@6,X023@6,X024@6[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@6,X029@6[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@6[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@6[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@6,X037@6[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@6[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@6,X032@6[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@6,X034@6[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@6[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@6[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@6[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 6层 | |  | | | | | | | | | | | **86020** |
| X001@7[房间] | 南外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.15 | 0.00 | 0.00 | 166.4 | 0.00 | 166.4 |
| 东外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 南外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.15 | 0.00 | 0.00 | 247.0 | 0.00 | 247.0 |
| 东外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 7057.7 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **8906** |
| X002@7[房间] | 南外墙 | 30.60 | 1.13 | 20 | 27.6 | 1.0 | 951.0 | -0.15 | 0.00 | 0.00 | 808.3 | 0.00 | 808.3 |
| 南外窗 | 16.20 | 3.90 | 20 | 27.6 | 1.0 | 1743.8 | -0.15 | 0.00 | 0.00 | 1482.2 | 0.00 | 1482.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1747.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4038** |
| X003@7[房间] | 南外墙 | 27.00 | 1.13 | 20 | 27.6 | 1.0 | 839.1 | -0.15 | 0.00 | 0.00 | 713.2 | 0.00 | 713.2 |
| 南外窗 | 10.80 | 3.90 | 20 | 27.6 | 1.0 | 1162.5 | -0.15 | 0.00 | 0.00 | 988.1 | 0.00 | 988.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3113** |
| X004@7[房间] | 北外墙 | 24.30 | 1.13 | 20 | 27.6 | 1.0 | 755.2 | 0.05 | 0.00 | 0.00 | 792.9 | 0.00 | 792.9 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1411.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3730** |
| X005@7[房间] | 北外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | 0.05 | 0.00 | 0.00 | 675.5 | 0.00 | 675.5 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | 0.05 | 0.00 | 0.00 | 1525.8 | 0.00 | 1525.8 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4705** |
| X006@7[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 西外墙 | 20.70 | 1.13 | 20 | 27.6 | 1.0 | 643.3 | -0.05 | 0.00 | 0.00 | 611.1 | 0.00 | 611.1 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 西外窗 | 13.50 | 3.90 | 20 | 27.6 | 1.0 | 1453.1 | -0.05 | 0.00 | 0.00 | 1380.5 | 0.00 | 1380.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 1277.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **4366** |
| X007@7,X008@7,X009@7[房间] | 南外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | -0.15 | 0.00 | 0.00 | 451.7 | 0.00 | 451.7 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2134** |
| X010@7,X011@7,X012@7,X013@7[房间] | 北外墙 | 17.10 | 1.13 | 20 | 27.6 | 1.0 | 531.4 | 0.05 | 0.00 | 0.00 | 558.0 | 0.00 | 558.0 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 941.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2415** |
| X014@7,X015@7,X017@7,X018@7,X020@7,X026@7[房间] | 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X016@7,X021@7,X022@7,X023@7,X024@7[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2033** |
| X019@7,X029@7[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 东外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 东外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **3131** |
| X025@7[房间] | 北外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | 0.05 | 0.00 | 0.00 | 440.5 | 0.00 | 440.5 |
| 北外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | 0.05 | 0.00 | 0.00 | 915.5 | 0.00 | 915.5 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2163** |
| X027@7[房间] | 南外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.15 | 0.00 | 0.00 | 356.6 | 0.00 | 356.6 |
| 南外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.15 | 0.00 | 0.00 | 741.1 | 0.00 | 741.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 806.6 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **1904** |
| X028@7,X037@7[房间] | 小计 |  |  |  |  |  |  |  |  |  |  |  | **0** |
| X030@7[房间] | 西外墙 | 13.50 | 1.13 | 20 | 27.6 | 1.0 | 419.5 | -0.05 | 0.00 | 0.00 | 398.6 | 0.00 | 398.6 |
| 北外墙 | 9.90 | 1.13 | 20 | 27.6 | 1.0 | 307.7 | 0.05 | 0.00 | 0.00 | 323.1 | 0.00 | 323.1 |
| 西外窗 | 8.10 | 3.90 | 20 | 27.6 | 1.0 | 871.9 | -0.05 | 0.00 | 0.00 | 828.3 | 0.00 | 828.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 470.5 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **2326** |
| X031@7,X032@7[卫生间] | 西外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | -0.05 | 0.00 | 0.00 | 239.1 | 0.00 | 239.1 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **919** |
| X033@7,X034@7[卫生间] | 北外墙 | 8.10 | 1.13 | 20 | 27.6 | 1.0 | 251.7 | 0.05 | 0.00 | 0.00 | 264.3 | 0.00 | 264.3 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 403.3 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **973** |
| X035@7[楼梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **847** |
| X036@7[楼梯间] | 西外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | -0.05 | 0.00 | 0.00 | 186.0 | 0.00 | 186.0 |
| 西外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | -0.05 | 0.00 | 0.00 | 276.1 | 0.00 | 276.1 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 336.1 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **798** |
| X038@7[电梯间] | 北外墙 | 6.30 | 1.13 | 20 | 27.6 | 1.0 | 195.8 | 0.05 | 0.00 | 0.00 | 205.6 | 0.00 | 205.6 |
| 北外窗 | 2.70 | 3.90 | 20 | 27.6 | 1.0 | 290.6 | 0.05 | 0.00 | 0.00 | 305.2 | 0.00 | 305.2 |
| 冷风渗透 |  |  |  |  |  |  |  |  |  |  |  | 140.0 |
| 小计 |  |  |  |  |  |  |  |  |  |  |  | **651** |
| 7层 | |  | | | | | | | | | | | **86020** |
| 都市农业植物工坊 | |  | | | | | | | | | | | **737847** |