

功能和规格

AC Manager 5

AC Manager 5 是一种中央控制器，它可以对某一空间中的单独设备或者多达 8192 个设室内机组进行管理。

AC Manager 5 可以在一个位置（例如大楼的管理办公室或学校的行政办公室）监视或控制楼宇内每个房间安装的室内机。

[AC Manager 5 功能]

- 使用外部按钮进行环境设置
- Web服务器功能嵌入
- 可连接设备

[AC Manager 5 部件]

- 部件

[AC Manager 5 各部件名称]

- 各部件名称

[AC Manager 5 硬件规格]

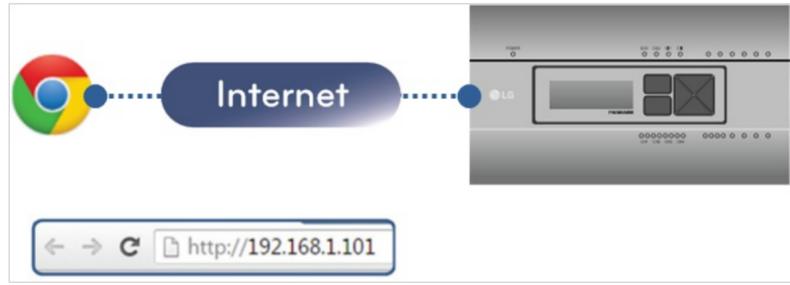
- 硬件规格

警告

本装置符合 CISPR 32 的 Class A。在居住环境中，此设备可能会造成无线电干扰。

Web服务器功能嵌入

您无须安装单独的程序，可以使用网页浏览器，通过在地址窗口中输入 AC Manager 5 的 IP 地址来访问 AC Manager 5 Web服务器，从而实现对设备的监控。



- 最多控制8192 台空调器设备 (32 个中央控制器)
- 错误和运行状态监测
- 峰值/需量功率控制
- 系统设置功能

可连接设备

可以连接的 AC Manager 5 设备如下。

| 产品类型 | 挂钩产品 | 说明 |
|-------|------------------|------------------------------|
| 中央控制器 | ACP Standard | 它应通过TCP / IP连接到AC Manager 5。 |
| | ACP Premium | 它应通过TCP / IP连接到AC Manager 5。 |
| | ACP IV | 它应通过TCP / IP连接到AC Manager 5。 |
| | ACP 5 | 它应通过TCP / IP连接到AC Manager 5。 |
| | AC Smart Premium | 它应通过TCP / IP连接到AC Manager 5。 |
| | AC Smart IV | 它应通过TCP / IP连接到AC Manager 5。 |
| | AC Smart 5 | 它应通过TCP / IP连接到AC Manager 5。 |
| | ACP Lonworks | 它应通过TCP / IP连接到AC Manager 5。 |
| | ACP BACnet | 它应通过TCP / IP连接到AC Manager 5。 |
| 遥控 | PC | 需要支持HTML5的Web浏览器。 |
| | 平板 PC | 需要支持HTML5的Web浏览器。 |
| | 手机 | 需要支持HTML5的Web浏览器。 |

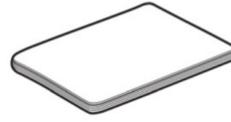
部件

下图的部件包含在 AC Manager 5 包装盒中。

打开包装盒，检查是否包含所有相应的组件。



AC Manager 5



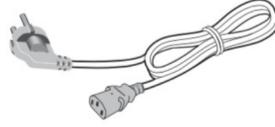
Manual



Screw



Power Supply Adaptor
Input: 100-240 V~ 50/60 Hz, 1.2 A
Output: 12 V--- 3.33 A, 40 W MAX



Power Cord
250 V~, 3 A



SD Card 8 GB

注意

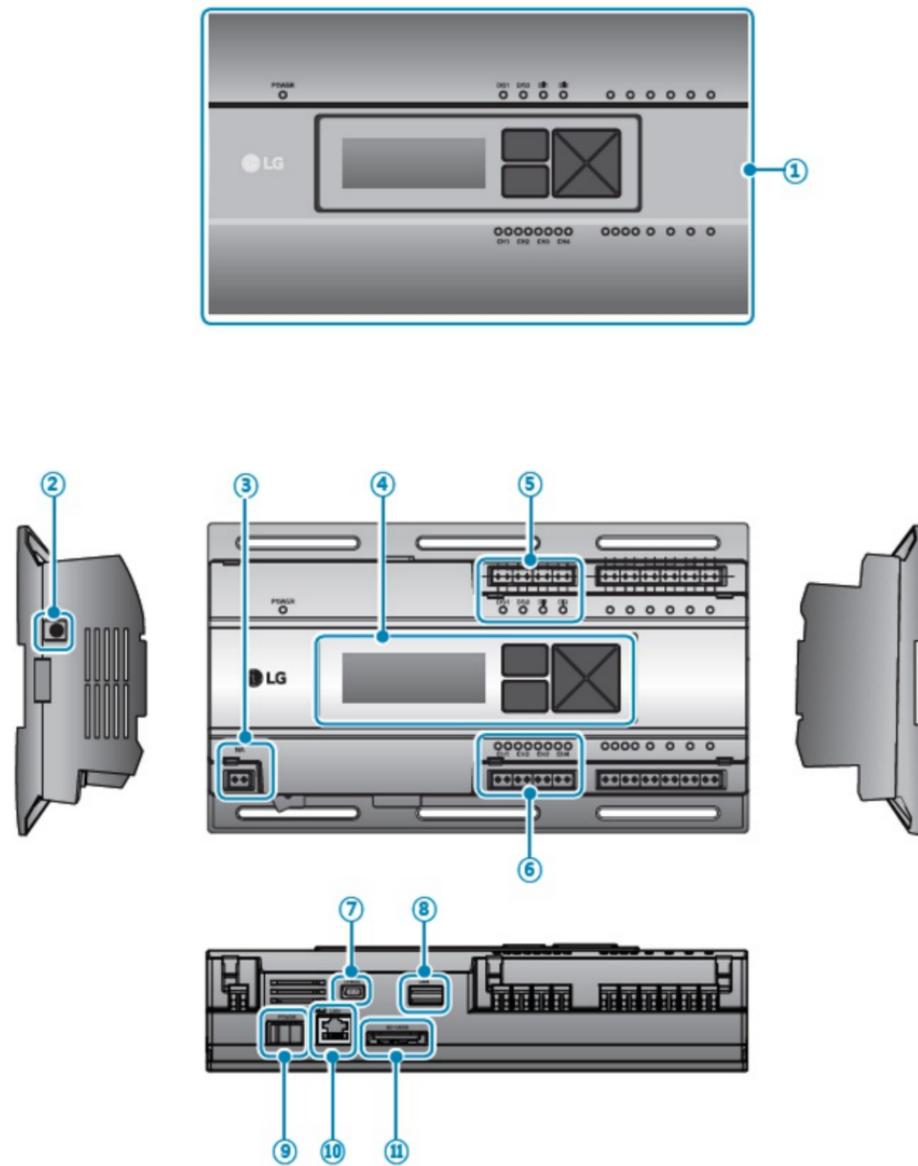
部件或选项可能与图中所示有所不同。

小心

我公司提供的SD卡是由有资质的服务工程师提供服务的数据备份和恢复。不要用于其他目的。

各部件名称

AC Manager 5 构造如下。



| 编号 | 类别 | 内容 |
|----|----------------|--------------------------|
| ① | 盖 | AC Manager 5 的前盖 |
| ② | 适配器供电接口 | 用于连接到电源适配器的 DC 12V 插孔 |
| ③ | 电源端口 | 24V~专用电源端口。(不支持DC12V的产品) |
| ④ | 按钮和 LCD | 用于设置网络环境和显示其它信息的按钮和 LCD |
| ⑤ | 基本的外部输入/输出信号接口 | 备用(DI:2, DO:2) |
| ⑥ | RS-485 通信端口 | 备用(共 4 个) |
| ⑦ | Mini USB 端口 | USB 到串行端口, 用于软件调试 |
| ⑧ | USB 端口 | 用于软件更新和数据备份 |
| ⑨ | 电源开关 | 用于打开或关闭 AC Manager 5 的电源 |
| ⑩ | 以太网端口 | 以太网端口连接到互联网 |
| ⑪ | SD 卡插槽 | 用于系统数据备份。 |



硬件规格

AC Manager 5 硬件规格如下。

| 类别 | 内容 |
|-----------|---|
| 使用温度范围 | 0 °C ~ 40 °C |
| 额定电压 | DC 12V |
| 额定电流 | 最大 2.3A |
| 通讯端口 | <ul style="list-style-type: none">• 以太网 10M/100M• USB Host(软件升级、数据备份)• 微型 USB 设备(调试)• RS-485 通讯端口 4EA• SD 卡插槽(用于系统数据备份) |
| 外部输入/输出端口 | DI 2EA, DO 2EA(备用) |
| LED | 27EA(电源和通讯状态) |
| LCD | 20 × 4 字符 LCD(网络环境设置和信息显示) |

安装和设置

说明安装及设置方法。

[安装顺序]

- AC Manager 5 安装顺序

[安装及连线]

- 固定到墙上
- 安装到 DIN 导轨上
- 连接以太网电缆 (LAN 电缆)

[LCD 环境设置]

- LCD 环境设置

① 网络地址设置[Network Info]

- 网络地址设置方法
- IP 地址设置
- 通过 DHCP 使用动态 IP
- 检查连接

② [Function]

- 软件更新
- 数据库备份
- 数据库恢复



安装顺序

要使用 AC Manager 5, 应按照如下顺序进行安装。

STEP 1. AC Manager 5 安装和连线

安装 AC Manager 5 并连接网络和其它电缆。

STEP 2. AC Manager 5 网络地址设置

设置网络地址以便通过互联网访问 AC Manager 5。

STEP 3. 中央控制器 (ACP、AC SMART) 信息输入

在 AC Manager 5 的运行程序 Web GUI 中输入并保存设备信息。

STEP 4. 检查 Web GUI 控制/监视

访问 AC Manager 5 的运行程序 Web GUI, 并检查控制/监视是否正常执行。

小心

- AC Manager 5 安装

AC Manager 5 安装工作需要专业技术。因此, 本章中提及的安装内容必须由具有资质的安装技术人员实施。

与安装有关的问题和要求, 请联系服务中心或经过 LG 认证的安装专营店。



使用 (PC)

- 登录/退出
- 账户
- 仪表板

[控制]

- 设备控制
- 时间表控制
- 互锁
- 持续运行时间限制

[能源]

- 能量使用
- 能量导航
- 峰值/需量控制

[历史记录]

- 运行历史
- 能源导航历史
- 运行趋势
- 周期

[设置]

- 设备设置
- 组设置
- 系统设置
- 网络设置
- 错误消息设置
- 管理员设置
- 其他用户设置



您可以使用英特网地址窗口中的 IP 地址访问该产品，以使用各种中央控制功能。

注意

- 对于 web 控件，建议使用 Chrome 浏览器浏览。
- 要访问 Web，需要设定 IP 地址。
- 在第一次访问时，您需要设置管理员帐户的密码。
- 每隔 90 天，就会弹出窗口以提示更改密码。
有关个人信息保护和安全服务使用，请定期更改密码。

登录

登录方法如下。

1. 请在英特网地址窗口中输入产品的 IP 地址。
2. 在登录窗口中输入 ID 和密码，并单击 **[登录]** 按钮。

注销

退出方法如下。

1. 在菜单中，单击 **[账号]** 菜单。
2. 在账号信息窗口中，单击 **[注销]** 按钮。



账户

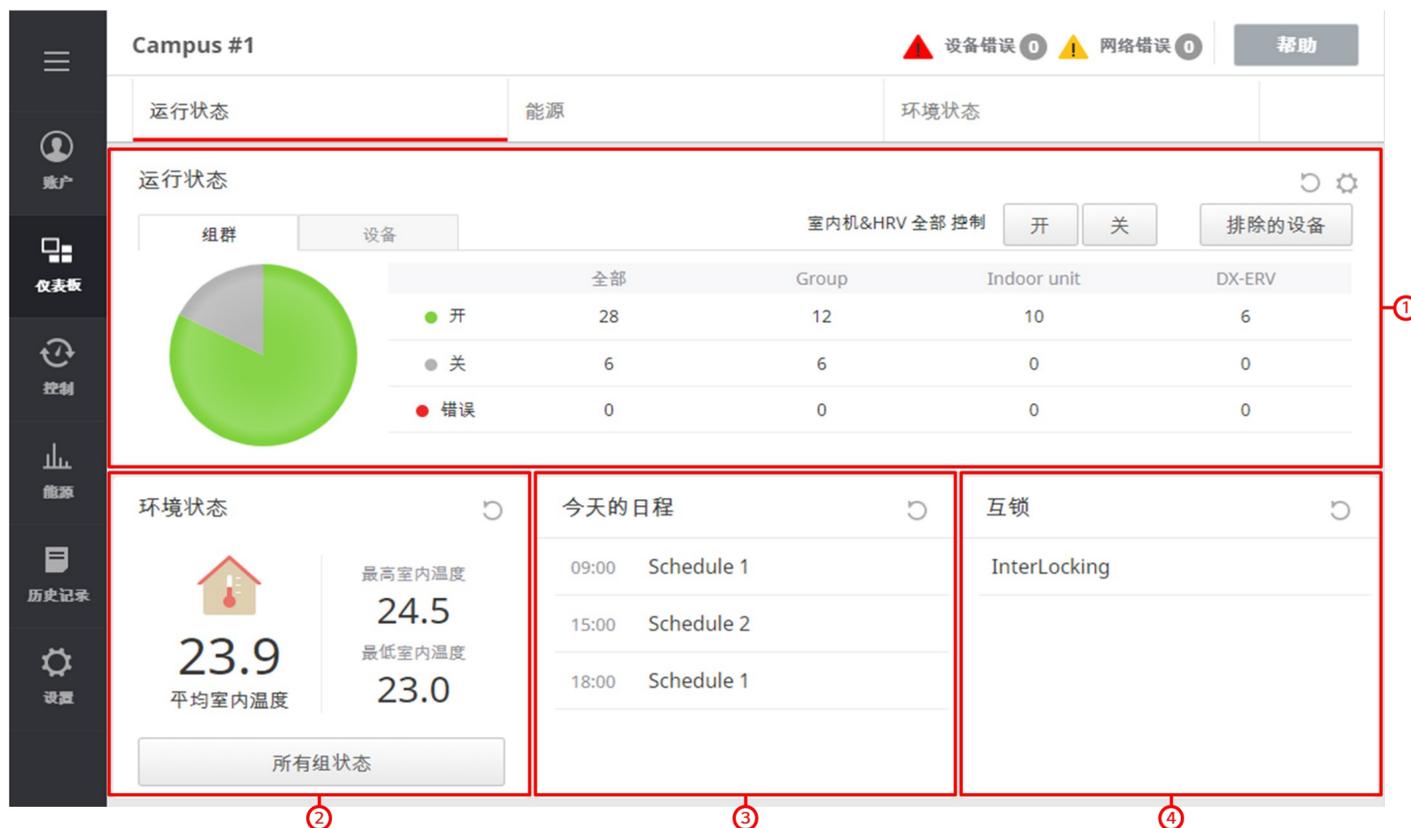
您可以查看当前登录帐户的信息。



您可以检查产品中所安装设备的当前运行状态和能源使用趋势。

运行状态

说明仪表盘“当前运行状态”选项卡构成和功能。



| 编号 | 类别 | 内容 |
|----|-------|---|
| ① | 运行状态 | 查看产品中已安装设备的运行状态(开/关/错误) [组群] • 检查由用户指定的每个管理组的运行状态 [设备] • 查看用户指定的每个设备的运行状态 所有室内机和ERV开/关控制 • 所有室内机和ERV开/关控制 • 当异常设备注册时, 它将被排除在总体控制之外 |
| ② | 环境状态 | 检查平均室内温度、最高/最低 室内温度和组 |
| ③ | 今日时间表 | 检查今日时间表列表 |
| ④ | 互锁 | 检查互锁列表 |

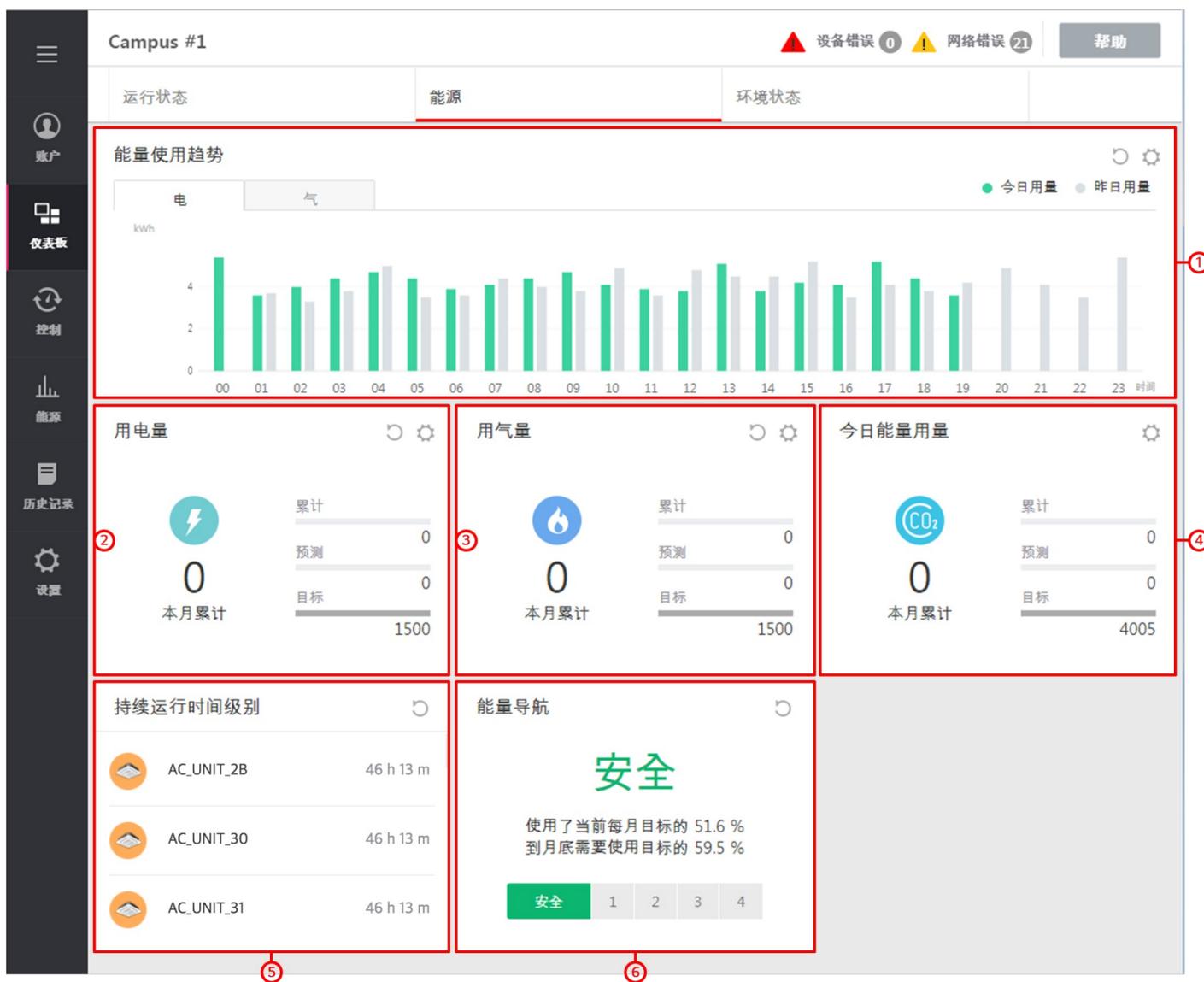
[小组件设置]

您可以通过仪表板的每个小组件来选择监测设置。

➔ 运行状态小组件

能源

说明仪表盘“能源”选项卡构成和功能。



| 编号 | 类别 | 内容 |
|----|----------|----------------------|
| ① | 能量使用趋势 | 检查每天、每月和每年的用电量/用气量趋势 |
| ② | 用电量 | 检查累计、预估和目标用电量 |
| ③ | 用气量 | 检查累计、预估和目标用气量 |
| ④ | 今日能量用量 | 检查累计、预估和目标综合能源使用量 |
| ⑤ | 持续运行时间级别 | 查看室内机连续运行时间排序 |
| ⑥ | 能量导航 | 查看能源导航状态 |

[小组件设置]

您可以通过仪表板的每个小组件来选择监测设置。

- ➔ 能量使用趋势组件
- ➔ 用电量小组件
- ➔ 用气量小组件
- ➔ 今日能源用量小组件

环境状态

介绍了仪表板环境状态标签的组成和功能



| 编号 | 类别 | 内容 |
|----|--------|-------------|
| ① | 二氧化碳监控 | 查看二氧化碳浓度及分布 |
| ② | 舒适程度监控 | 查看室内舒适度及分布 |
| ③ | 细粉尘监控 | 查看细粉尘浓度及分布 |

| | | |
|---|--------------------|---|
| ① | CO ₂ 监测 | 检查已注册ERV的 CO ₂ 状态 |
| ② | 舒适度监测 | 查看已注册室内机的舒适度状态 |
| ③ | 微尘监测 | 查看已注册室内机, 空气净化器的微尘状态 微尘分为 PM10、PM2.5 和 PM1.0, 它表明每种状态和浓度 |

运行状态小组件

您可以设定要监测其运行状态的组。

1. 在左侧菜单选项卡中，单击 [仪表盘] > [运行状态] 菜单。
 - 显示当前运行状态界面。
2. 单击当前运行状态界面  按钮。
 - 显示小组件设置界面。



3. 选择要监测其运行状态的组。
4. 选择完成后，单击 [应用] 按钮。

能量使用趋势组件

您可以选择监测能源用量趋势的采集标准。

1. 在左侧菜单选项卡中，单击 [仪表板] > [能源] 菜单。
 - 显示能源界面。
2. 单击能源使用趋势界面的  按钮。
 - 显示小组件设置界面。



3. 选择采集标准（按日/按月/每年）。
4. 选择完成后，单击 [应用] 按钮。

用电量小组件

您可以选择用电量的采集标准。

1. 在左侧菜单选项卡中，单击 [仪表板] > [能源] 菜单。
 - 显示能源界面。
2. 单击用电量界面的 ⚙️ 按钮。
 - 显示小组件设置界面。



3. 选择采集标准（按月/每年）。
4. 选择完成后，单击 [应用] 按钮。

用气量小组件

您可以选择用气量的采集标准。

1. 在左侧菜单选项卡中，单击 [仪表盘] > [能源] 菜单。
 - 显示能源界面。
2. 单击用气量界面的  按钮。
 - 显示小组件设置界面。



3. 选择采集标准（按月/每年）。
4. 选择完成后，单击 [应用] 按钮。

今日能源用量小组件

您可以选择综合能源使用量的显示和获取标准。

1. 在左侧菜单选项卡中，单击 [仪表盘] > [能源] 菜单。
 - 显示能源界面。
2. 单击综合能源使用量界面的  按钮。
 - 显示小组件设置界面。



3. 选择显示标准 (kgCO₂/kgoe) 和采集标准 (按月/每年)。
4. 选择完成后，单击 [应用] 按钮。



设备控制

说明控制设备及监测设备状态的方法。

[界面和图标]

- 界面结构和功能
- 设备图标

[控制窗口]

- 每个设备的控制
- 设备信息

[控制/监测]

- 控制
- 监测

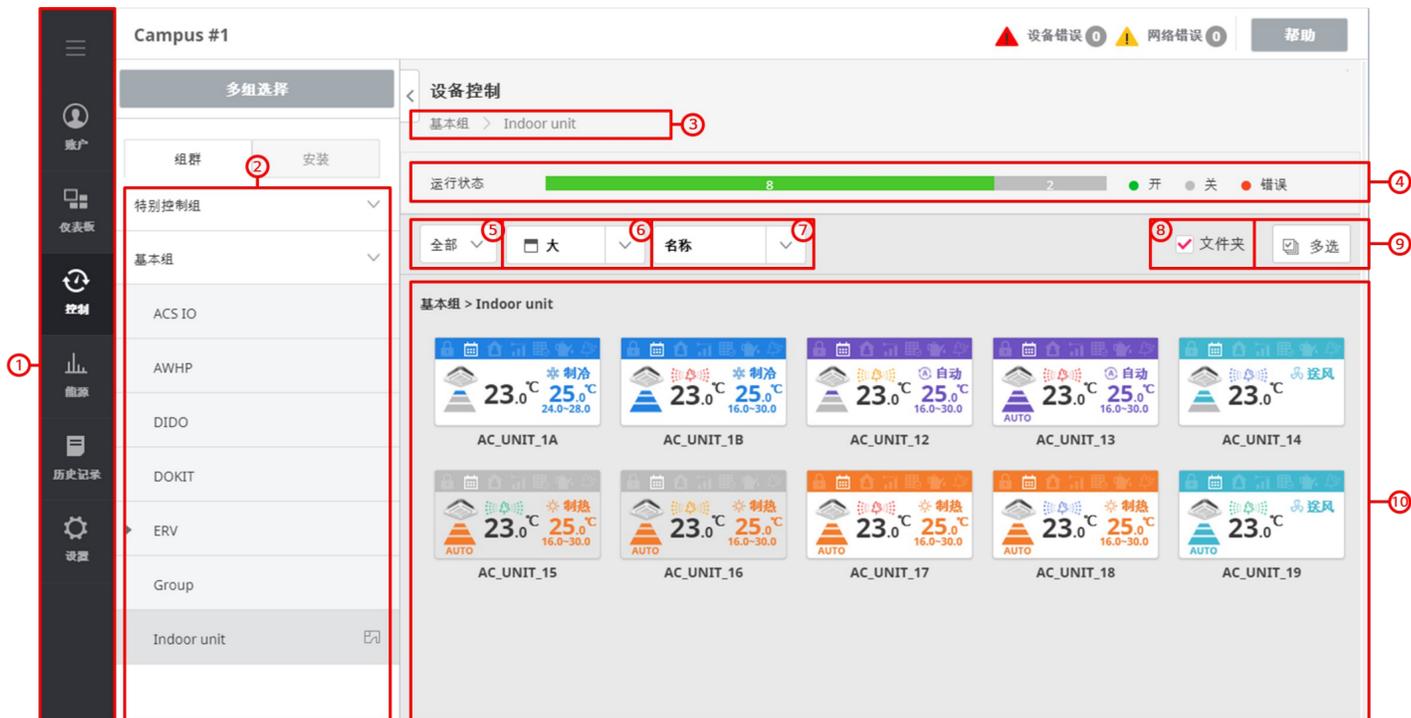
[图纸]

- 编辑图纸
- 删除图纸

界面结构和功能

1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。

- 显示设备控制界面。



| 编号 | 类别 | 内容 |
|----|-------|---|
| ① | 主菜单 | 主菜单选项卡 |
| ② | 组列表 | 检查控制组 |
| ③ | 组信息 | 组名称和组位置 |
| ④ | 运行状态 | 检查设备当前运行状态 (开/关/错误) |
| ⑤ | 过滤 | 设备类别和设备状态过滤 |
| ⑥ | 查看方法 | 选择设备图标的查看方法 □ : 大 ■ : 小 ≡ : 列表 图 : 图纸 |
| ⑦ | 排序设备 | 选择设备的排序方法 • 名称 • 设备/名称 • 设备/地址 • 运行 |
| ⑧ | 查看文件夹 | 选中时可检查当前组的下级组类别 |
| ⑨ | 多选 | 单击后可选择多个设备 |
| ⑩ | 设备区 | 检查在组中设定的设备信息 |

管理/安装组

1. 组群

- 为方便而设的管理组

2. 安装

- 提供实际连接设备的信息

设备图标

您可以检查带图标单独设备的重要信息。

1. 大图标



| 编号 | 类别 | 内容 |
|----|----------|--------------------------------------|
| ① | 设备状态指示图标 | 锁定、时间表、占用、峰值控制、滤网更换报警、机油更换报警、空气净化 |
| ② | 设备图标 | 检查设备图标 |
| ③ | 风速 | 检查设备风速 |
| ④ | 微尘状态 | 查看微尘状态 蓝色(好)、绿色(正常)、橙色(差)、红色(非常差) |
| ⑤ | 室内温度 | 检查当前温度 |
| ⑥ | 模式 | 检查模式 |
| ⑦ | 设定温度 | 检查设定温度 |
| ⑧ | 设置温度范围 | 检查上限/下限温度 |
| ⑨ | 设备名称 | 检查设备名称 |

设备状态指示图标

| 图标 | 内容 |
|----|---------|
| | 锁定 |
| | 时间表 |
| | 占用 |
| | 峰值控制 |
| | 滤网更换报警 |
| | 机油更换报警 |
| | 空气净化 |
| | 纳米等离子 |
| | 空气质量传感器 |

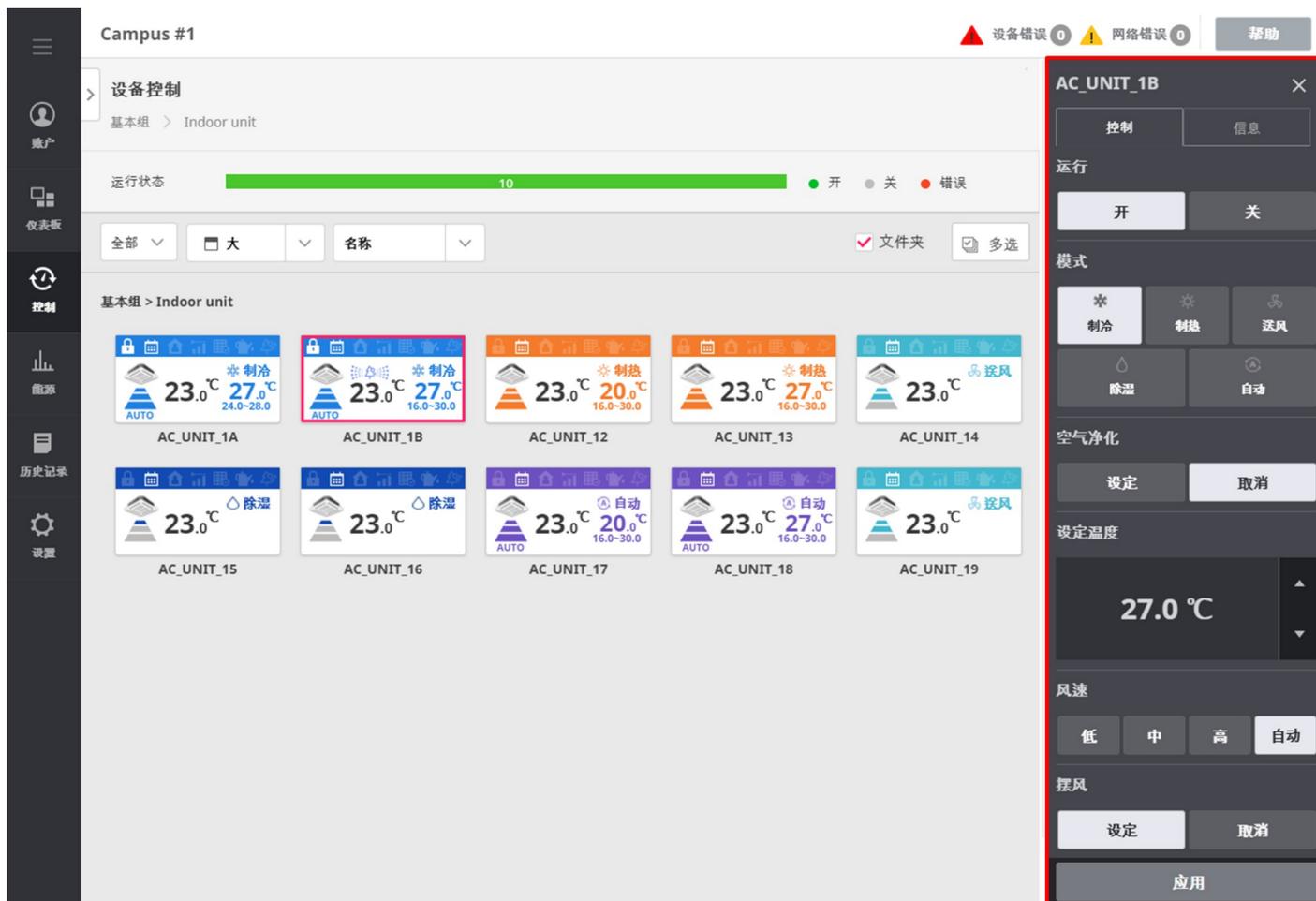
2. 小图标

- 检查设备图标/运行状态/模式/设备名称

3. 查看列表

-组中设备属性的指示(设备名称、运行状态、运行模式、当前温度、设定温度、错误代码、ACP 地址、室外机地址、设备地址等)

在设备区中选择了设备后，会在右侧生成一个如下图所示的控制窗口。您可以通过控制窗口控制所选设备。



注意

- 每个设备的详细控制范围与实际设备会有不同，因此务必参考相应设备的手册。
- 冷水机接口是一项可选功能，您需要单独购买冷水机选配组件。
- ACS I/O 设备根据设置会有不同的控制工具名称、单位、上限、下限等。

每个设备的控制

- ➔ 室外机
- ➔ 室内机
 - 室内机 (2Set)
- ➔ ERV
- ➔ ERV DX
- ➔ Heating
- ➔ AHU
- ➔ 涡旋式冷水机
- ➔ 螺杆式冷水机
- ➔ 离心式冷水机
- ➔ 吸收式冷水机
- ➔ DOKIT
- ➔ DO
- ➔ AO
- ➔ 空气净化器

室外机

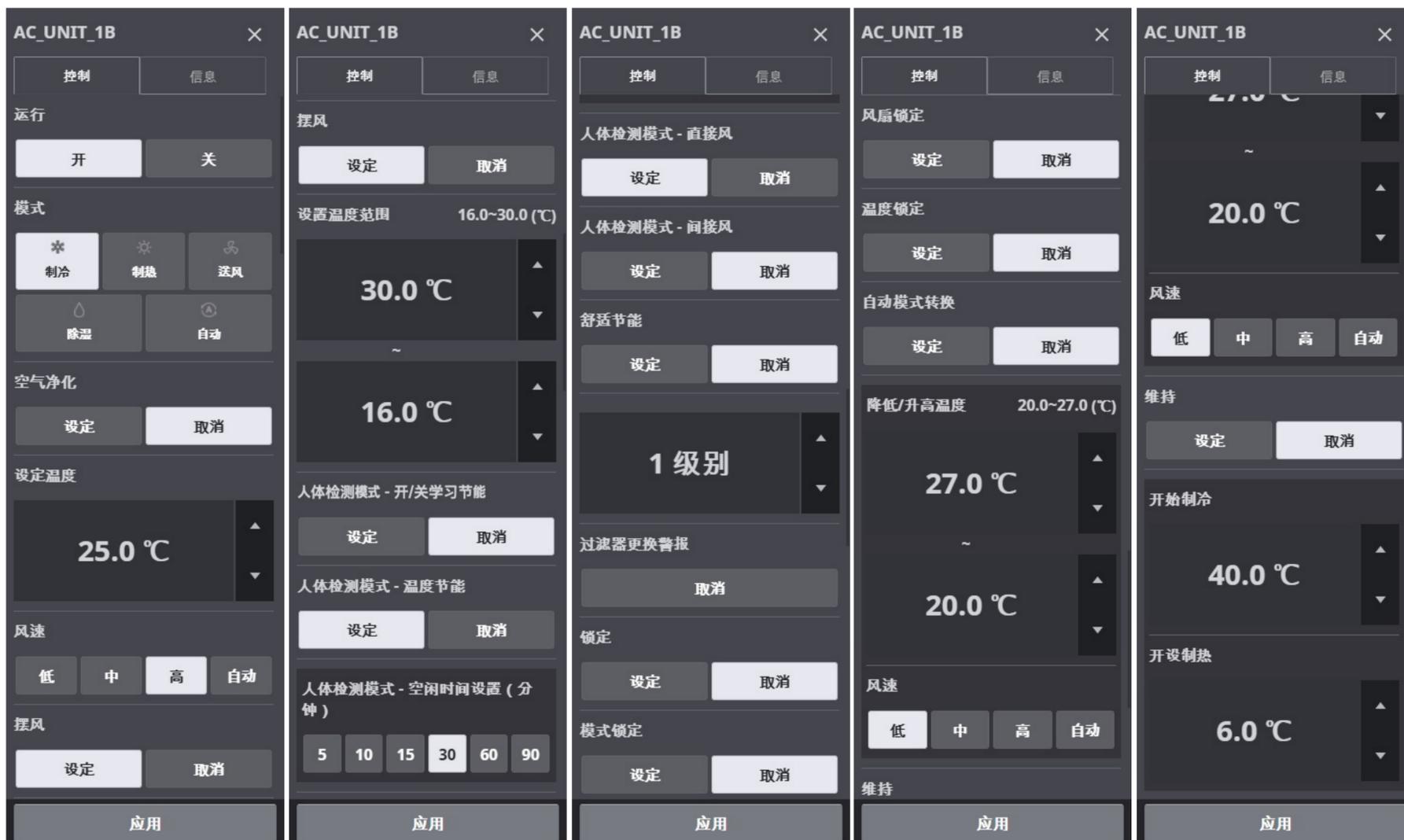


| 类别 | 内容 |
|-----------------|--|
| 室外机容量控制 | • 按 [▼] 按钮设置功率控制运行率 (%) |
| 智能负载控制 (SLC) 设置 | • 按 [▲]/[▼] 按钮设置智能加载控制等级(0 等级、1 等级、2 等级、3 等级、4 等级) |
| 低噪音模式 | • [设定/取消] 按钮：室外机低噪音运行设置/取消 |
| 除霜模式 | • 按 [▲]/[▼] 按钮设置室外机除霜模式等级(0 等级、1 等级、2 等级、3 等级) |
| ODU 制冷剂噪音降低设置 | • 按 [▲]/[▼] 按钮设置室外机制冷剂降噪等级(0 等级、1 等级、2 等级) |

注意

在中央控制器中，如果使用“室外机低噪音运行”，则在已安装的室内机线控器中，您需要设置 [安装程序设置] > [低噪音模式] 为“ODU”。

室内机

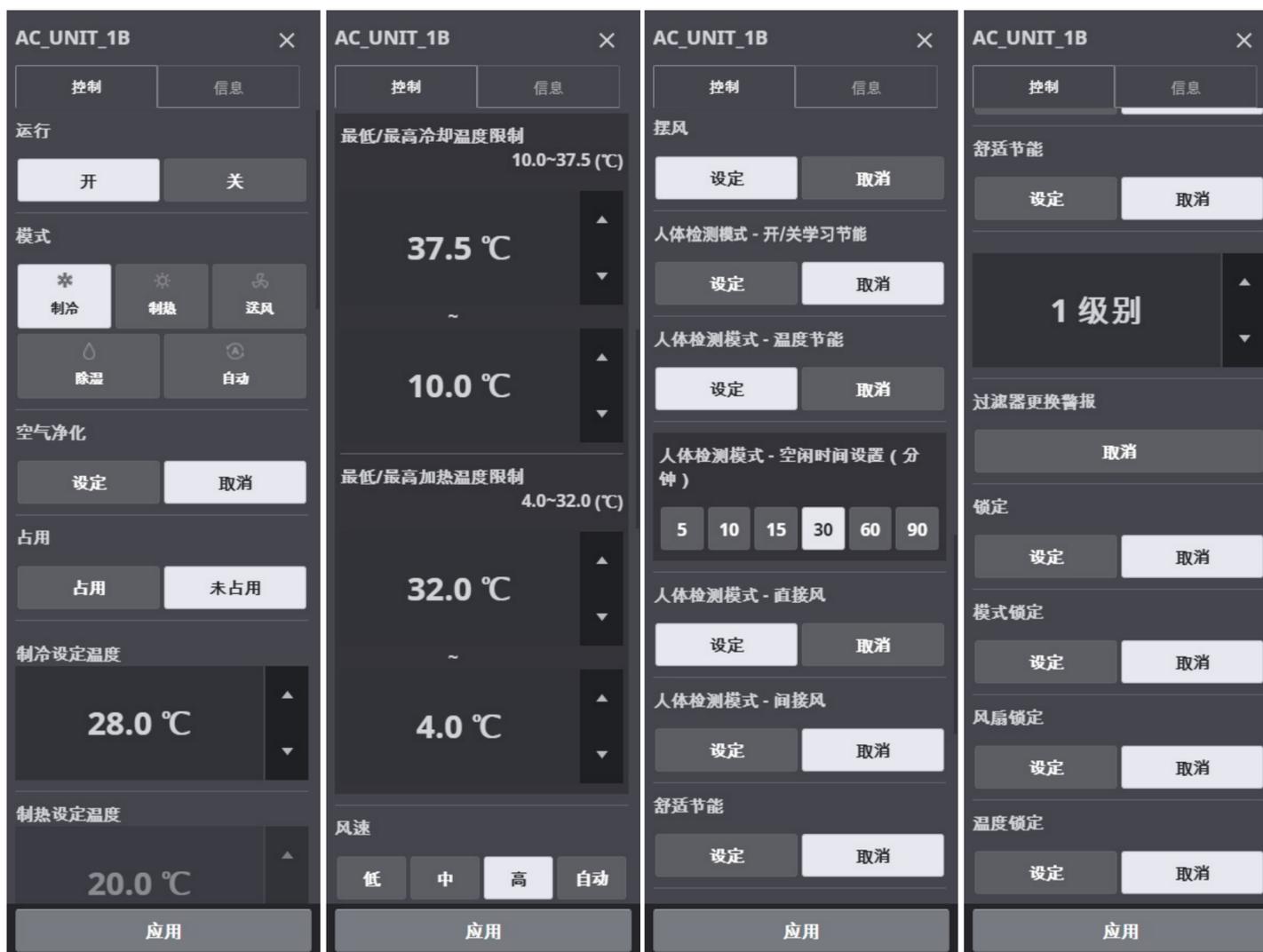


| 类别 | 内容 |
|----------------------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮：切换到制冷模式 [制热] 按钮：切换到制热模式 [送风] 按钮：切换至送风模式。选择送风时，设定温度不会应用到设备 [除湿] 按钮：在雨季或空气湿度较高时去除湿气。选择 Dehumidification (除湿) 时，设定温度不会应用到设备 [自动] 按钮：切换到自动模式 |
| 空气净化 | <p>空气净化控制只用于支持室内机的空气净化功能</p> <ul style="list-style-type: none"> 空气净化单运行 <ol style="list-style-type: none"> 室内机停止状态下，如果空气净化为 [设定]，则空气净化仅伴随着送风(自动风)单运行(在空气净化单运行期间，模式锁和风量锁未被选择) 在空气净化单运行期间，如果运行状态为 [关] 或空气净化状态为 [取消]，则空气净化被恢复到先前的模式和先前的风量(但在同时使用模式或风量控制时，采用已控制的模式和风量进行控制) 空气净化附加运行 <ol style="list-style-type: none"> 室内机停止状态下，如果运行状态为 [开] 而且空气净化为 [设定]，则在当前模式下附加运行空气净化 室内机运行状态下，如果空气净化状态为 [设定]，则在当前模式下附加运行空气净化 附加运行空气净化期间，如果运行状态为 [关]，则运行停止 附加运行空气净化期间，如果空气净化为 [取消]，则空气净化被取消 |
| 设定温度 | 按 [▲]/[▼] 按钮设定所需温度 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> [低] 按钮：将风速设定为慢速 [中] 按钮：将风速设定为正常 [高] 按钮：将风速设定为快速 [自动] 按钮：[低]-[中]-[高] 自动切换 |
| 摆风 | <ul style="list-style-type: none"> [设定/取消] 按钮：启动/停止风扇的自动旋转功能 |
| 设置温度范围 | 当用户单独设定所需温度时，所需温度不能设定到指定温度范围之外 |
| 人体检测模式 - 开/关节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 开/关节能设置/取消 |
| 人体检测模式 - 温度节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 温度节能设置/取消 |
| 人体检测模式 - 空闲时间设置 (分钟) | <p>仅用于支持室内机的人体感测，人体感测控制</p> <p>将空决策时间设置为 5、10、15、30、60 或 90 分钟。</p> |
| 人体检测模式 - 直接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 直接风设置/取消 |
| 人体检测模式 - 间接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 间接风设置/取消 |
| 舒适节能 | <ul style="list-style-type: none"> [设定/取消] 按钮：舒适节能功能设置/取消 可以按 [▲]/[▼] 按钮设置等级 <p>仅当室内机处于制冷运行时，才可能有舒适节能控制</p> |
| 滤网更换报警 | <ul style="list-style-type: none"> [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |

| | |
|----------|---|
| 自动模式转换 | 当室内温度超过上限温度时，则自动切换到制冷运行；如果低于下限温度，则自动切换到制热运行；如果在上限温度和下限之间，则仅送风运行(仅支持具有同时制冷/制热功能的室外机) • [设定/取消] 按钮：设定/取消自动模式转换 |
| 下限/上限温度 | 自动模式转换下限温度和上限温度设置 |
| 自动模式下的风速 | 选择自动模式转换运行过程中室内机的设定风速值 • [低] 按钮：将风速设定为慢速 • [中] 按钮：将风速设定为正常 • [高] 按钮：将风速设定为快速 • [自动] 按钮：[低]-[中]-[高] 自动切换 |
| 维持 | 将设备安装所在位置的温度维持在特定范围之内的功能（仅支持热回收室外机） • [设定/取消] 按钮：设定/取消维持 |
| 开始制冷 | 按 [▲]/[▼] 按钮设定制冷运行开始温度(21°C~40°C) |
| 开设制热 | 按 [▲]/[▼] 按钮设定制热运行开始温度(1°C~20°C) |

室内机 (2Set)

当在 [设置] > [安装] 下使用了支持室外机/室内机/线控器的 2Set 功能时，如果 ACP 的 2Set 自动模式被选择为 室内机，则室内机的 2Set 控制窗口就出现在下列屏幕的左侧。



| 类别 | 内容 |
|----------------------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮：切换到制冷模式 [制热] 按钮：切换到制热模式 [送风] 按钮：切换至送风模式。选择 送风时，设定温度不会应用到设备 [除湿] 按钮：在雨季或空气湿度较高时去除湿气。选择 Dehumidification (除湿) 时，设定温度不会应用到设备 [自动] 按钮：切换到自动模式 |
| 空气净化 | <p>空气净化控制只用于支持室内机的空气净化功能</p> <ul style="list-style-type: none"> 空气净化单运行 <ol style="list-style-type: none"> 室内机停止状态下，如果空气净化为 [设定]，则空气净化仅伴随着送风(自动风)单运行(在空气净化单运行期间，模式锁和风量锁未被选择) 在空气净化单运行期间，如果运行状态为 [关] 或空气净化状态为 [取消]，则空气净化被恢复到先前的模式和先前的风量(但在同时使用模式或风量控制时，采用已控制的模式和风量进行控制) 空气净化附加运行 <ol style="list-style-type: none"> 室内机停止状态下，如果运行状态为 [开] 而且空气净化为 [设定]，则在当前模式下附加运行空气净化 室内机运行状态下，如果空气净化状态为 [设定]，则在当前模式下附加运行空气净化 附加运行空气净化期间，如果运行状态为 [关]，则运行停止 附加运行空气净化期间，如果空气净化为 [取消]，则空气净化被取消 |
| 占用状态 | <p>设置安装室内机的空间为已占用或空的功能</p> <ul style="list-style-type: none"> [占用] 按钮：已占用设置 [未占用] 按钮：空设置 |
| 制冷设置温度 | 按 [▲]/[▼] 按钮设置制冷设置温度 |
| 制热设置温度 | 按 [▲]/[▼] 按钮设置制热设置温度 |
| 制冷下限/上限温度 | 制冷下限温度和上限温度设置 |
| 制热下限/上限温度 | 制热下限温度和上限温度设置 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> [低] 按钮：将风速设定为慢速 [中] 按钮：将风速设定为正常 [高] 按钮：将风速设定为快速 [自动] 按钮：[低]-[中]-[高] 自动切换 |
| 摆风 | <ul style="list-style-type: none"> [设定/取消] 按钮：启动/停止风扇的自动旋转功能 |
| 人体检测模式 - 开/关节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 开/关节能设置/取消 |
| 人体检测模式 - 温度节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 温度节能设置/取消 |
| 人体检测模式 - 空闲时间设置 (分钟) | <p>仅用于支持室内机的人体感测，人体感测控制</p> <p>将空决策时间设置为 5、10、15、30、60 或 90 分钟。</p> |
| 人体检测模式 - 直接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 直接风设置/取消 |
| 人体检测模式 - 间接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 间接风设置/取消 |
| | <ul style="list-style-type: none"> [设定/取消] 按钮：舒适节能功能设置/取消 |

| | |
|--------|--|
| 舒适节能 | <ul style="list-style-type: none"> 可以按 [▲]/[▼] 按钮设置等级 仅当室内机处于制冷运行时，才可能有舒适节能控制 |
| 滤网更换报警 | <ul style="list-style-type: none"> [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |

注意

2set 自动模式

- 仅当室内/外机支持2Set自动模式时，相应的功能才能被使用。（有关每个设备是否支持 2Set，请参考相应设备的手册。）
- 超控是一种可以从线控器设置的功能。有关超控功能的相关内容，请参考线控器手册。
- 在 2Set 自动模式下，连同自动图标、产品实际运行模式（制冷、制热）状态一起显示。

占用状态

- 如果占用状态传感器与室内机相连，则中央控制的设置优先于相应的占用状态传感器。有关占用状态传感器的相关内容，请参考室内机或干节点的手册。
- 当已占用设置被改变时，自动设置制冷设定温度和制热设定温度都是最近运行的时间表中的制冷设定温度和制热设定温度，并且，如果没有以前运行的时间表，则它被设置到默认值。

(示例)

09:00 - 12:00: 已占用 / 制冷设定温度 27°C / 制热设定温度 18°C

12:00 - 13:00: 已占用 / 制冷设定温度 29°C / 制热设定温度 16°C

13:00 - 15:00: 已占用 / 制冷设定温度 26°C / 制热设定温度 19°C

如果在 15:00 以后没有时间表为空，则制冷设定温度为 29°C，制热设定温度为 16°C；并且，如果已占用，则制冷设定温度变为成 26°C，并且制热设定温度变为成 19°C。



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [正常] 按钮：不经过换热器对排出的空气进行通风 • [换热器] 按钮：通过换热器对送风/排风进行通风 • [自动] 按钮：切换到自动模式 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> • [低] 按钮：将风速设定为慢速 • [高] 按钮：将风速设定为快速 • [超强] 按钮：将风速设为最高速度 • [自动] 按钮：[低]-[高]-[超强] 自动切换 <ul style="list-style-type: none"> - 用户无法设置 - 当设定“节电/快速”后，[自动] 风速被选中 - 当清除“节电/快速”后，[高] 风速被选中 - 在[自动] 运行过程中，当选择了 [低]/[高]/[超强] 时，运行中的“节电/快速”功能会被清除 |
| 滤网更换报警 | <ul style="list-style-type: none"> • [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 附加功能 | <ul style="list-style-type: none"> • 快速 [设定/取消] 按钮：设定/取消 快速功能（选择“快速”功能时，节能功能会被清除） • 节电 [设定/取消] 按钮：设定/取消节能功能（选择节能功能时，“快速”功能会被清除） • 加热器 [设定/取消] 按钮：设定/取消加热器功能 |
| 夜间风冷 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设置/清除夜间风冷功能，即：夜间室外温度低于基准温度时室外机制冷 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |

ERV DX



| 类别 | 内容 |
|--------|---|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [正常] 按钮：不经过换热器对排出的空气进行通风 • [换热器] 按钮：通过换热器对送风/排风进行通风 • [自动] 按钮：切换到自动模式 |
| 设定温度 | 按 [▲]/[▼] 按钮设定所需温度 |
| 风速 | 设置送风风速 <ul style="list-style-type: none"> • [低] 按钮：将风速设定为慢速 • [高] 按钮：将风速设定为快速 • [超强] 按钮：将风速设为最高速度 • [自动] 按钮：[低]-[高]-[超强] 自动切换 <ul style="list-style-type: none"> - 用户无法设置 - 当设定“节电/快速”后，[自动] 风速被选中 - 当清除“节电/快速”后，[高] 风速被选中 - 在[自动] 运行过程中，当选择了 [低]/[高]/[超强] 时，运行中的“节电/快速”功能会被清除 |
| 联动空调 | <ul style="list-style-type: none"> • [制冷] 按钮：在制冷模式下运行ERV DX • [自动] 按钮：在自动模式下运行ERV DX • [制热] 按钮：在制热模式下运行ERV DX • [关] 按钮：停止ERV DX的空调功能 |
| 设置温度范围 | 当用户单独设定所需温度时，所需温度不能设定到指定温度范围之外 |
| 滤网更换报警 | <ul style="list-style-type: none"> • [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 附加功能 | <ul style="list-style-type: none"> • 快速 [设定/取消] 按钮：设定/取消快速功能（选择“快速”功能时，节能功能会被清除） • 节电 [设定/取消] 按钮：设定/取消节能功能（选择节能功能时，“快速”功能会被清除） • 加热器 [设定/取消] 按钮：设定/取消加热器功能 • 加湿 [设定] 按钮：设定加湿功能（仅用于空调制热模式） |
| 夜间风冷 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设置/清除夜间风冷功能，即：夜间室外温度低于基准温度时室外机制冷 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |
| 夜间风冷锁 | <ul style="list-style-type: none"> • [设定/取消] 按钮：在线控器上设置/清除夜间风冷定时 |

Heating



| 类别 | 内容 |
|-----------------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [制冷] 按钮：切换到制冷模式 • [制热] 按钮：切换到制热模式 • [自动] 按钮：切换到自动模式 |
| 进风（水）温度/出风（水）温度 | 按 [▲]/[▼] 按钮设定进风（水）温度/出风（水）温度 显示取决于 [设置]-[设备设置] 中选择的设定温度 <ul style="list-style-type: none"> • 选择 [进水/出水] 时，显示为进水温度/出水温度 • 选择 [室内] 时，显示为空气温度 |
| 热水 | <ul style="list-style-type: none"> • [开] 按钮：开始热水运行 <ul style="list-style-type: none"> - 如果当设备处于自动/制冷模式时运行热水功能，内容显示区的图标中就会显示相应模式和热水 - 如果设备停止时运行热水功能，内容显示区中的此图标就会被启用并显示热水 • [关] 按钮：停止热水运行 |
| 热水温度 | 按 [▲]/[▼] 按钮设定热水温度 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |

AHU



| 类别 | 内容 |
|--------------------|--|
| 查看详情 | 按 [查看详情] 按钮查看详情信息(但, 不包括手机) |
| 运行 | <ul style="list-style-type: none"> [开] 按钮: 开始设备运行 [关] 按钮: 停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮: 切换到制冷模式 [制热] 按钮: 切换到制热模式 [送风] 按钮: 切换至送风模式。选择 送风时, 您不能设定温度 [除湿] 按钮: 在雨季或空气湿度较高时去除湿气。选择 除湿时, 您不能设定温度 [节电] 按钮: 此运行能找到通风系统效率最佳的运行点以降低能耗。它通过提供大于送风风速的排风风速来顺利排出被污染的室内空气 |
| 设定温度 | 按 [▲]/[▼] 按钮设定温度 |
| 风扇控制标准 | <ul style="list-style-type: none"> [风速] 按钮: 根据风速状态控制风扇 [温度] 按钮: 根据温度状态控制风扇 [压力] 按钮: 根据定压状态控制风扇 |
| 风速 | 它只有在风扇控制标准为风速时出现 <ul style="list-style-type: none"> [低] 按钮: 将风速设定为慢速 [中] 按钮: 将风速设定为正常 [高] 按钮: 将风速设定为快速 |
| 自动通风 | 它只有在 AHU 设备注册过程中在 附加功能中选择了“自动通风”或“自动通风/加湿”时才会出现 <ul style="list-style-type: none"> 自动通风 [设定/取消] 按钮: 启动/停止自动通风 |
| 设定 CO ₂ | 只有设定了自动通风功能时它才能被启用 按 [▲]/[▼] 按钮以 100ppm 为单位在 100 ppm ~ 2 000 ppm 范围内设置。 |
| 加湿 | 它只有在 AHU 设备注册过程中在 附加功能中选择了“加湿”或“自动通风/加湿”时才会出现 <ul style="list-style-type: none"> 加湿 [设定/取消] 按钮: 启动/停止加湿功能 |
| 湿度 | 只有设定了除湿功能时它才能被启用 按 [▲]/[▼] 按钮设定目标湿度 |
| 风门开度 | <ul style="list-style-type: none"> 按 [OA 风门]: [▲]/[▼] 按钮以 1° 为单位设置室外新风风门的张开角度值(范围: 0° ~ 90°) 按 [MIX 风门]: [▲]/[▼] 按钮以 1° 为单位设置混风风门的张开角度值(范围: 0° ~ 90°) 按 [EA 风门]: [▲]/[▼] 按钮以 1° 为单位设置排风风门的张开角度值(范围: 0° ~ 90°) 当您设定[设置]-[系统设置]的 风门开度计算公式应用 为 设定时, 其运行方式为: OA风门 = EA风门, OA风门 = 混合风门 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮: 设定/取消 锁定, 这样用户就无法使用单独的线控器控制任何功能 |

详细查看 AHU

在 AHU 的控制界面中, 可以按 [查看详情] 按钮以查看详情信息。

Campus #1

设备错误 0 网络错误 0 帮助

设备控制

基本组 > Group

运行状态 12 6 ● 开 ● 关 ● 错误

EA: 风门: 40°
RA: 温度 0.0°C
湿度 20.0%
CO: 0ppm

OA: 温度 50.0°C
湿度 60.0%
风门 50°
温度 70.0°C

SA: 风门 30°
送风固定压力 0Pa
温度 30.0°C
湿度 40.0%

MAHU_General

控制 信息

查看详情

运行

开 关

模式

制冷 制热 送风

除湿 节电

OA:30 MIX:60 EA:30

设定温度

20.0 °C

风扇控制标准

风扇 温度 压力

风速

低 中 高

应用

涡旋式冷水机



| 类别 | 内容 |
|------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | (仅当设备支持相应模式时出现) <ul style="list-style-type: none"> • [制冷] 按钮：切换到制冷模式 • [制热] 按钮：切换到制热模式 |
| 设定温度 | 设定室内机制冷/制热的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 需量控制 | 按 [▲]/[▼] 按钮设定需量限制比 |

螺杆式冷水机



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内制冷/制冰的压水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制冰模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 电机电流限制 | 按 [▲]/[▼] 按钮设定电机电流限制比 |

离心式冷水机



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内制冷/制热/制冰的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热/制冰模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 电机电流限制 | 按 [▲]/[▼] 按钮设定电机电流限制比 |

吸收式冷水机



| 类别 | 内容 |
|-------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内机制冷/制热的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 控制阀上限 | 按 [▲]/[▼] 按钮设定控制阀上限比 |

DOKIT



| 类别 | 内容 |
|----|---|
| 运行 | <ul style="list-style-type: none">• [开] 按钮：开始设备运行• [关] 按钮：停止设备运行 |



DO



| 类别 | 内容 |
|----|---|
| 运行 | <ul style="list-style-type: none">• [接通] 按钮：短路信号输出• [断开] 按钮：开路信号输出 |



AO



| 类别 | 内容 |
|----|-------|
| 温度 | 设定温度值 |

注意

单位符号可能会根据设备注册期间的使用设置而改变。

设备信息

当您单击设备控制界面中的“设备信息”选项卡后，可以检查设备的信息。

您可以检查设备的基本信息、运行信息、时间表信息、错误信息和当天的历史记录。

| AC_UNIT_1A | AC_UNIT_1A | AC_UNIT_1A | AC_UNIT_1A | AC_UNIT_1A | | | | | | | | | | | | | | | | | | |
|--|--|--|------------|------------|-------|------------|-------|------------|-------|------------|---|---|----|----|------------------|------------------|------------------|---------------|------------------|--------------------|------------------|------------------|
| <div style="display: flex; justify-content: space-between;"> 控制 信息 </div> <p>基本信息</p> <p>名称 AC_UNIT_1A</p> <p>设备地址 1A</p> <p>组群 Indoor unit</p> <p>查看图样</p> <p>室外机 ODU[01]</p> <p>型号 AC</p> <p>容量 3</p> <p>室外机型号 MULTIV</p> <p>室外机容量 100</p> <p>运行 / 驱动信息</p> <p>时间表信息 (3)</p> <p>错误信息</p> <p>历史记录</p> | <div style="display: flex; justify-content: space-between;"> 控制 信息 </div> <p>基本信息</p> <p>运行 / 驱动信息</p> <p>运行 开</p> <p>模式 送风</p> <p>当前温度 23.0 °C</p> <p>设定温度 25.0 °C</p> <p>风速 自动</p> <p>摆风 设定</p> <p>设定温度范围 24.0 °C / 28.0 °C</p> <p>缺油报警 取消</p> <p>滤网清洗提示 正常</p> <p>峰值/需量控制 取消</p> <p>锁定 取消</p> | <div style="display: flex; justify-content: space-between;"> 控制 信息 </div> <p>基本信息</p> <p>运行 / 驱动信息</p> <p>时间表信息 (3)</p> <table border="1"> <thead> <tr> <th>时间</th> <th>说明</th> </tr> </thead> <tbody> <tr> <td>09:00</td> <td>Schedule 1</td> </tr> <tr> <td>18:00</td> <td>Schedule 1</td> </tr> <tr> <td>15:00</td> <td>Schedule 2</td> </tr> </tbody> </table> <p>错误信息</p> <p>历史记录</p> | 时间 | 说明 | 09:00 | Schedule 1 | 18:00 | Schedule 1 | 15:00 | Schedule 2 | <div style="display: flex; justify-content: space-between;"> 控制 信息 </div> <p>基本信息</p> <p>运行 / 驱动信息</p> <p>时间表信息 (3)</p> <p>错误信息</p> <p>错误 无错误</p> <p>错误代码 0</p> <p>错误说明 无错误</p> <p>历史记录</p> | <div style="display: flex; justify-content: space-between;"> 控制 信息 </div> <p>基本信息</p> <p>运行 / 驱动信息</p> <p>时间表信息 (3)</p> <p>错误信息</p> <p>历史记录</p> <table border="1"> <thead> <tr> <th>时间</th> <th>内容</th> </tr> </thead> <tbody> <tr> <td>2018-02-06 15:00</td> <td>控制 模式: 送风 by 时间表</td> </tr> <tr> <td>2018-02-06 09:31</td> <td>控制 模式: 制冷 ACS</td> </tr> <tr> <td>2018-02-06 09:31</td> <td>控制 模式: 制冷 by admin</td> </tr> <tr> <td>2018-02-06 09:00</td> <td>控制 模式: 制热 by 时间表</td> </tr> </tbody> </table> | 时间 | 内容 | 2018-02-06 15:00 | 控制 模式: 送风 by 时间表 | 2018-02-06 09:31 | 控制 模式: 制冷 ACS | 2018-02-06 09:31 | 控制 模式: 制冷 by admin | 2018-02-06 09:00 | 控制 模式: 制热 by 时间表 |
| 时间 | 说明 | | | | | | | | | | | | | | | | | | | | | |
| 09:00 | Schedule 1 | | | | | | | | | | | | | | | | | | | | | |
| 18:00 | Schedule 1 | | | | | | | | | | | | | | | | | | | | | |
| 15:00 | Schedule 2 | | | | | | | | | | | | | | | | | | | | | |
| 时间 | 内容 | | | | | | | | | | | | | | | | | | | | | |
| 2018-02-06 15:00 | 控制 模式: 送风 by 时间表 | | | | | | | | | | | | | | | | | | | | | |
| 2018-02-06 09:31 | 控制 模式: 制冷 ACS | | | | | | | | | | | | | | | | | | | | | |
| 2018-02-06 09:31 | 控制 模式: 制冷 by admin | | | | | | | | | | | | | | | | | | | | | |
| 2018-02-06 09:00 | 控制 模式: 制热 by 时间表 | | | | | | | | | | | | | | | | | | | | | |

控制

您可以将注册的设备设定为所需状态并进行控制。

1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。
2. 在设备列表选项卡区域中，单击所需选项卡。

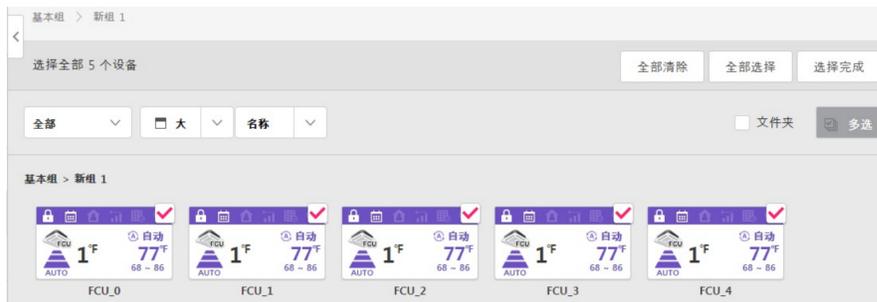
| 类别 | 说明 |
|----|----------------|
| 组群 | 为了方便起见设定的管理组列表 |
| 安装 | 提供实际连接的设备信息 |

3. 在筛选区域中，单击设备类型的筛选按钮或者要控制的状态。
 - 您可以选择多个筛选按钮。
 - 仅选择并显示相应的信息。



| 筛选类型 | 详细类别 |
|------|---|
| 设备 | 室外机、室内机、空气净化器、AHU、冷水机、ERV、Heating、开/关设备、DI、DO、EXP.I/O |
| 状态 | 开、关、热水 开、热水 关、时间表、峰值控制、错误、滤网更换报警、锁定、机油更换报警 |

4. 在设备区中，选择要控制的设备。
 - 您可以一次选择多个要控制的设备。要选择特定组中的所有设备，单击 [多选] 按钮，并单击 [全选] 按钮。根据多个所选设备的类型限制控制类别。



5. 在控制窗口中，设定相应设备的控制状态。
6. 设置完成后，单击 [应用] 按钮。

监测

您可以检查已注册设备的控制状态。

1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。
2. 在设备列表选项卡区域中，单击所需选项卡。

| 类别 | 说明 |
|----|----------------|
| 组群 | 为了方便起见设定的管理组列表 |
| 安装 | 提供实际连接的设备信息 |

3. 在筛选区域中，单击设备类型的筛选按钮或者要检查的状态。
 - 您可以选择多个筛选按钮。
 - 仅选择并显示相应的信息。



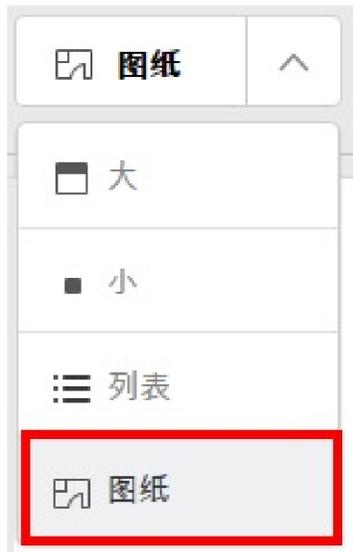
| 过滤器类型 | 详细类别 |
|-------|---|
| 设备 | 室外机、室内机、空气净化器、AHU、冷水机、ERV、Heating、开/关设备、DI、DO、EXP.I/O |
| 状态 | 开、关、热水 开、热水 关、时间表、峰值控制、错误、滤网更换报警、锁定、机油更换报警 |

4. 在设备区中检查设备信息。
5. 要检查设备的详细控制状态，单击相应的设备图标。
 - 显示相应的设备控制窗口。

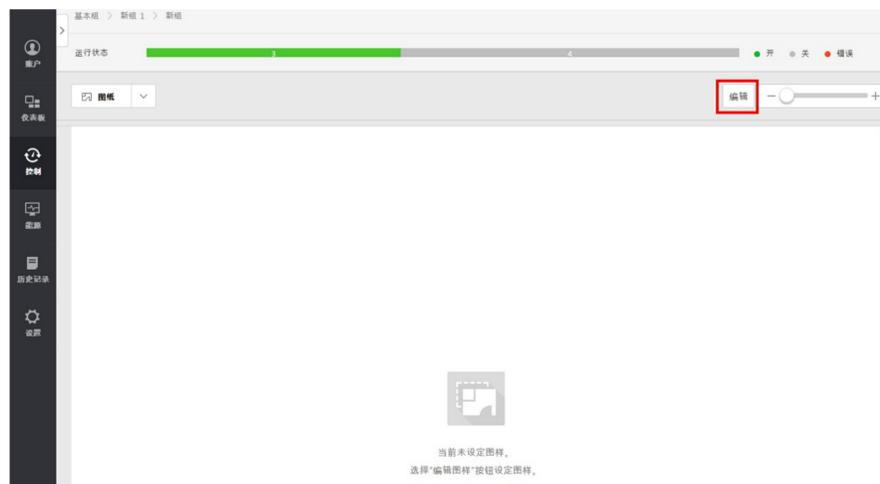
编辑图纸

当 [设置] > [系统设置] 的图纸使用被选择为 设定时，您可以编辑图纸。

1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。
2. 在设备组选项卡区域，单击 [组群] 选项卡。
 - 当您选择 [安装] 选项卡时，查看方式的 [图纸] 将被禁用。
3. 在查看方式中，单击 [图纸]。



4. 单击 [编辑] 按钮。



5. 当您添加或更改图纸时，单击 [添加图纸] 按钮。

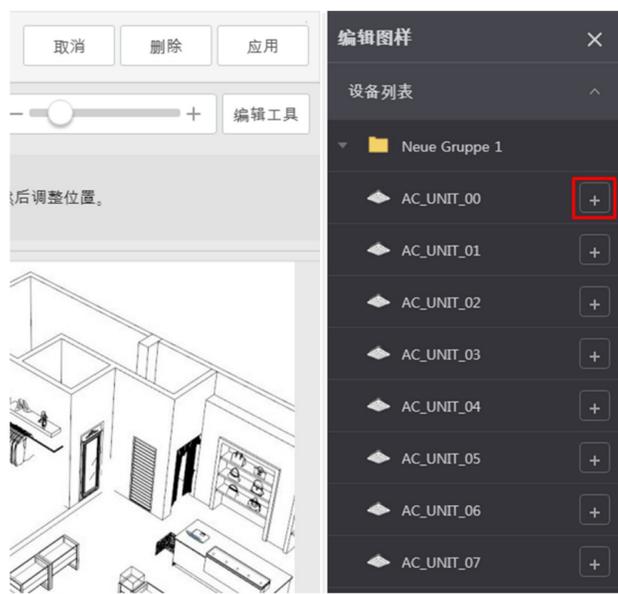


6. 当显示文件加载窗口时，选择要添加的图纸文件并单击 [打开] 按钮。

- 编辑图样 界面中显示所选的图纸。



7. 要添加设备到图纸中，在右侧 编辑图纸窗口中的设备列表中选择所需设备，然后单击 [+] 按钮。设备被添加到图纸区中。



8. 要添加文本或修改图纸中的文本，可以使用文本框。



| 类别 | 说明 |
|------|--|
| 添加文本 | 在图纸区中添加文本 |
| 编辑文本 | 编辑文本框中的文本 |
| 样式 | <p>T : 正常字母、加粗、斜体、下划线</p> <ul style="list-style-type: none"> • T : 显示正常字母 • T : 显示加粗字母 • <i>T</i> : 显示斜体字母 • <u>T</u> : 显示下划线字母 <p>T : 更改字母颜色</p> <p>T : 更改字母背景颜色</p> |
| 字母大小 | <p>T ▲ : 字体变大</p> <p>T ▼ : 字体变小</p> |

9. 如需在图上对准备图标，请使用“对齐框”。



| 类别 | 说明 |
|------|--|
| 选择设备 | 选择一个设备，将其在图上对齐。 |
| 对齐 |  : 将选定设备图标在垂直方向上对齐。  : 将选定设备图标在水平方向上对齐。 |

10. 设置完成后，单击 [应用] 按钮。

注意

- 部分垂直分辨率为 1000px 或以上的图纸图像可能无法显示，请根据显示分辨率使用适当分辨率的图像。在显示分辨率为 1920x1080 的环境中，推荐使用 1478x1000 或更小的图像。
- 在文本添加/编辑期间，可能无法特殊符号 (^, |w)。

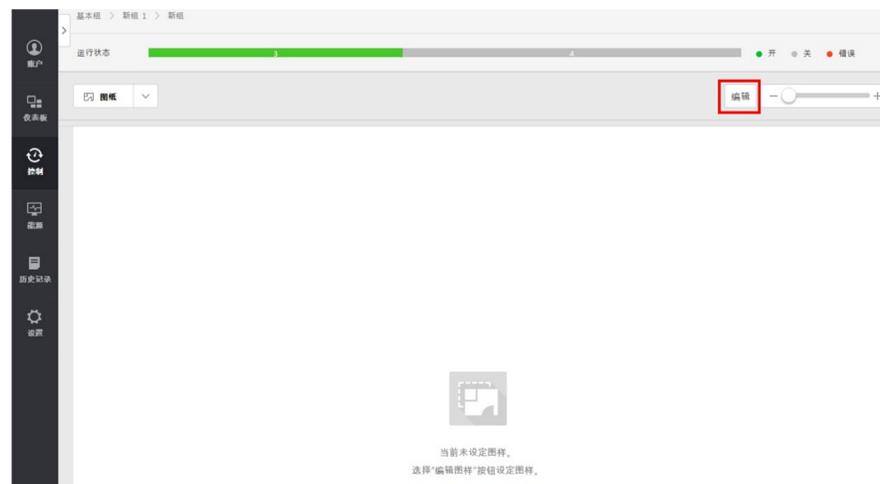
删除图纸

您可以删除添加的图纸。

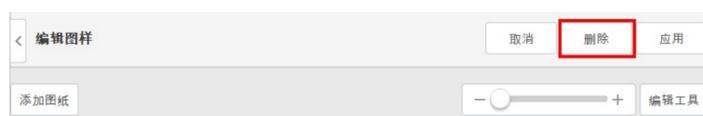
1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。
2. 在设备组选项卡区域，单击 [组群] 选项卡。
3. 在查看方式中，单击 [图纸]。



4. 单击 [编辑] 按钮。
 - 显示 编辑图纸界面。



5. 单击顶部的 [删除] 按钮。
 - 图纸被删除。



时间表控制

时间表是一项提前指定设备运行，让设备在特定时间执行预定运行的功能。当您使用此功能时，您可以有效管理设备的运行时间，实现高效的节能效果。

[时间表]

- 查看完整时间表
- 添加时间表
- 删除时间表
- 复制时间表
- 编辑时间表

[除外日期]

- 加载除外日期
- 添加除外日期
- 删除除外日期

注意

建议的规格

- 时间表：包括在整个时间表中的所有事件数量为 50
- 如果设置为超过建议的规范，则可能会出现性能降低。

查看完整时间表

您可以在设置期间查看时间表列表。

您可以检查是否应用了设定的时间表、名称、是否重复、开始日期、结束日期和设备列表，以及直接 [设定] 或 [取消] 所需的时间表。

The screenshot shows a web interface for 'Campus #1'. At the top right, there are status indicators: '设备错误 0' (Device Error 0) and '网络错误 2' (Network Error 2), along with a '帮助' (Help) button. The main section is titled '时间表控制' (Schedule Control) and contains three buttons: '设定全部' (Set All), '全部清除' (Clear All), and '添加' (Add). Below this is a table with the following columns: '是否应用' (Apply), '名称' (Name), '是否重复' (Repeat), '开始日期' (Start Date), '结束日期' (End Date), '设备' (Devices), and '编辑' (Edit). Two rows are visible in the table:

| 是否应用 | 名称 | 是否重复 | 开始日期 | 结束日期 | 设备 | 编辑 |
|--------------------------|--------|---------------------------------|------------|------|-----------------|----|
| <input type="checkbox"/> | test | 每周 (星期一, 星期二, 星期三, 星期四, 星期五) | 2016-12-30 | 未指定 | 全部 (1), 室内机 (1) | |
| <input type="checkbox"/> | test-1 | 每周 (星期一, 星期二, 星期三, 星期四, 星期五) | 2016-12-30 | 未指定 | 全部 (1), 室内机 (1) | |

添加时间表

您可以添加时间表类别。

- 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
- 在时间表列表中，单击 [添加] 按钮。
 - 显示添加时间表界面。
- 在时间表名称输入字段中，输入所需的时间表名称。
- 设定是否重复此时间表。

| 类别 | 说明 |
|------|--|
| 一次 | 只将相应时间表应用到 [时间段] 中指定的一天 |
| 星期选择 | 选择星期中需要的某天，并且只将时间表应用到星期中从开始日期到结束日期中相应的某天 |

5. 设定所需时段

- 当重复选择为 [一次]，则仅运行 1 天
- 当重复选择为 [星期选择]，请选择开始和结束日期

| 类别 | 说明 |
|---------|---|
| 开始日期 | <ul style="list-style-type: none"> 在迷你日历中选择所需的开始日期 首次开始日期选择为今天的日期 |
| 结束日期 | <ul style="list-style-type: none"> 在迷你日历中选择所需的结束日期 您设定的结束日期不能早于开始日期 |
| 未指定结束日期 | <ul style="list-style-type: none"> 不指定结束日期，重复应用时间表 |

6. 要应用设定除外日期，单击 [加载] 按钮。

- 更新并显示 [设置]-[系统设置]的时间表除外日期设置 中的除外日期设置

7. 要应用新的除外日期，单击 [添加除外日期] 按钮设定除外日期名称和要添加的日期。

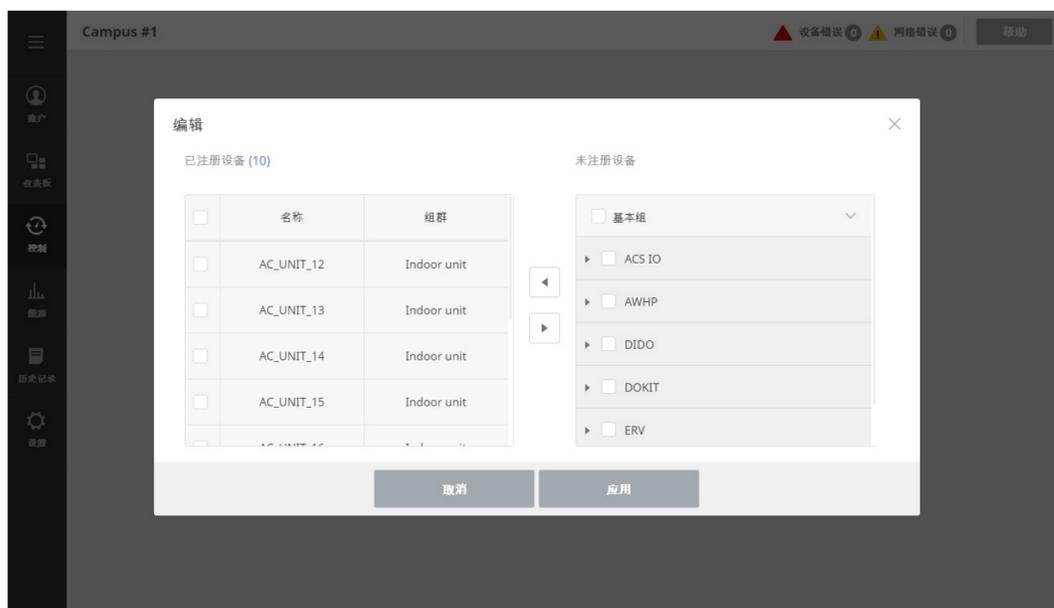
8. 在设备设置区中，单击 [编辑] 按钮。

- 显示编辑设备窗口。



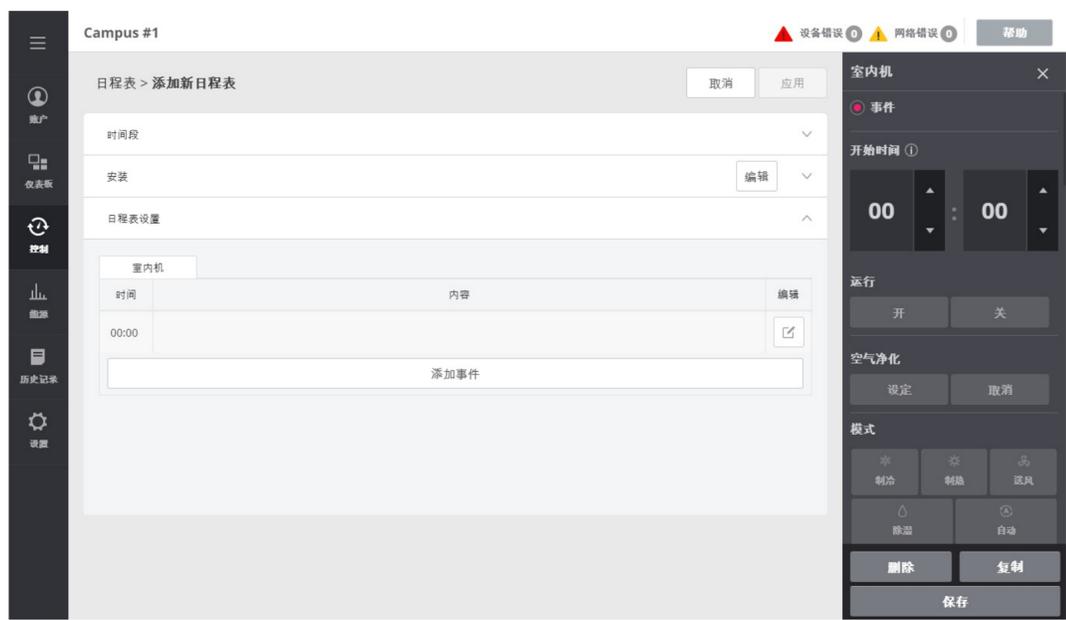
9. 在未注册设备列表中，单击要注册设备的复选框并单击 [◀] 按钮。

- 要一次注册多个组，单击要注册组的复选框，然后单击 [◀] 按钮。
- 所选设备被添加到注册设备列表中。



10. 设备注册完成后，单击 [应用] 按钮。

11. 如果要添加时间表事件，在日程表设置，选择设备类型选项卡，然后单击 [添加事件] 按钮或编辑按钮以在右侧的控制区域设置该设备的控制状态。



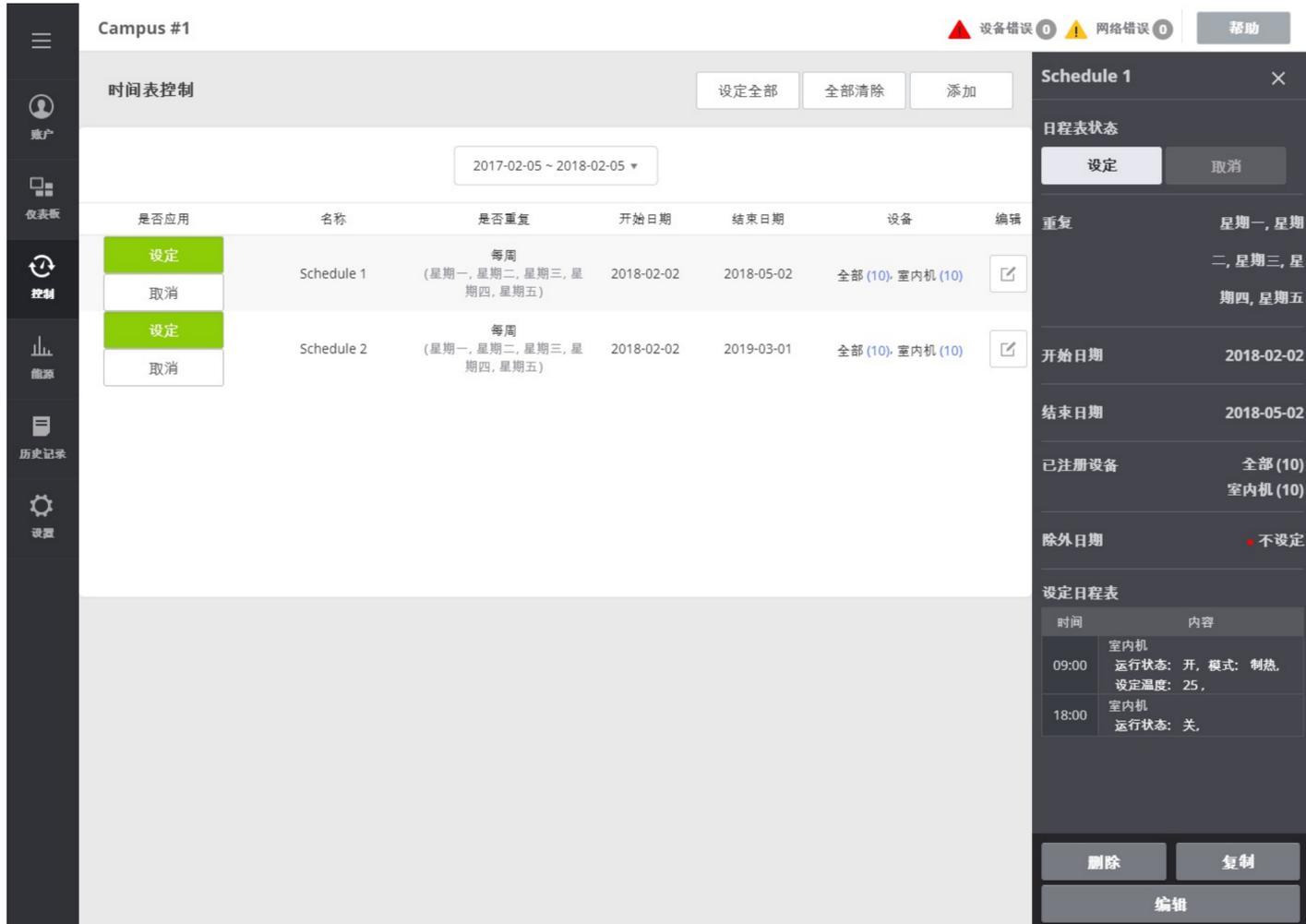
12. 控制设置完成后, 单击 [保存] 按钮。

13. 所有设置完成后, 单击 [应用] 按钮。

删除时间表

您可以删除已注册的时间表。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在时间表列表中，单击要删除时间表的 编辑按钮。

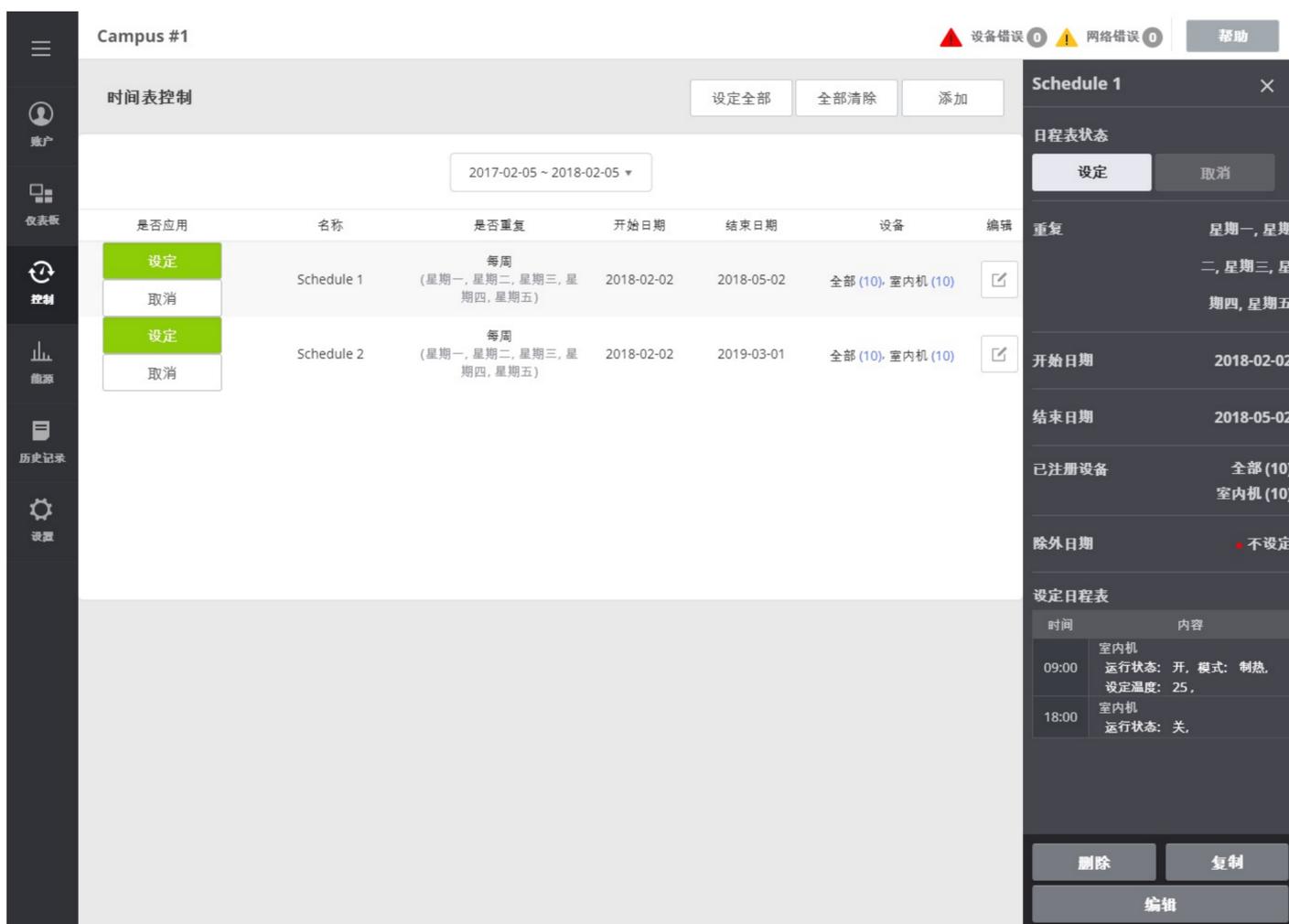


3. 在右侧的 编辑窗口界面中，单击 [删除] 按钮。
4. 当出现通知弹出窗口时，单击 [检查] 按钮。

复制时间表

您可以复制并使用已注册的时间表。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在时间表列表中，单击要复制时间表的“Edit(编辑)”按钮。



3. 在右侧的 编辑窗口界面中，单击 [复制] 按钮。
4. 当出现通知弹出窗口时，单击 [检查] 按钮。

编辑时间表

您可以更改已注册时间表的设定内容。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在时间表列表中，单击要编辑时间表的 编辑按钮。

The screenshot displays the 'Campus #1' management interface. The 'Schedule Control' section is active, showing a list of schedules. The right sidebar provides a detailed view of 'Schedule 1'.

| 是否应用 | 名称 | 是否重复 | 开始日期 | 结束日期 | 设备 | 编辑 |
|----------|------------|---------------------------------|------------|------------|-------------------|----|
| 设置 取消 | Schedule 1 | 每周 (星期一, 星期二, 星期三, 星期四, 星期五) | 2018-02-02 | 2018-05-02 | 全部 (10), 室内机 (10) | 编辑 |
| 设置 取消 | Schedule 2 | 每周 (星期一, 星期二, 星期三, 星期四, 星期五) | 2018-02-02 | 2019-03-01 | 全部 (10), 室内机 (10) | 编辑 |

Schedule 1

日程表状态

设置 取消

重复: 星期一, 星期二, 星期三, 星期四, 星期五

开始日期: 2018-02-02

结束日期: 2018-05-02

已注册设备: 全部 (10) 室内机 (10)

除外日期: 不设定

设定日程表

| 时间 | 内容 |
|-------|--------------------------------------|
| 09:00 | 室内机 运行状态: 开, 模式: 制热, 设定温度: 25, |
| 18:00 | 室内机 运行状态: 关, |

删除 复制

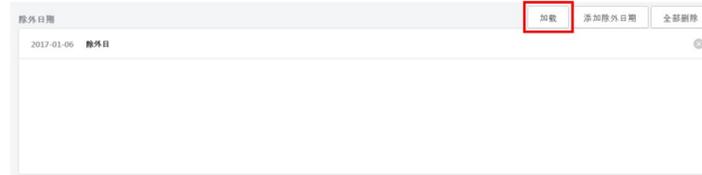
编辑

3. 在右侧的 编辑窗口界面中，单击 [编辑] 按钮。
4. 编辑时间表内容。
 - 要检查详细内容，检查“添加时间表”类别。

加载除外日期

您可以加载已设置的除外日期。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在时间表列表中，单击 [添加] 按钮。
 - 显示 添加时间表界面。
3. 在除外日期选项卡中，单击 [加载] 按钮
 - 更新并显示 [设置]-[系统设置]的 时间表除外日期设置 中的除外日期



添加除外日期

您可以添加新的除外日期。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在时间表列表中，单击 [添加] 按钮。
 - 显示 添加时间表界面。
3. 在除外日期选项卡中，单击 [添加除外日期] 按钮
 - 显示 添加除外日期界面。



4. 输入所需的除外日期名称。
5. 选择要设定的除外日期。
6. 选择完成后，单击 [应用] 按钮。

删除除外日期

您可以删除已注册的除外日期。

1. 在左侧菜单选项卡中，单击 [控制] > [时间表控制] 菜单。
 - 显示时间表控制界面。
2. 在 编辑时间表界面中，单击 [X] 按钮删除除外日期。
 - 要删除所有除外日期，单击 [全部删除] 按钮。

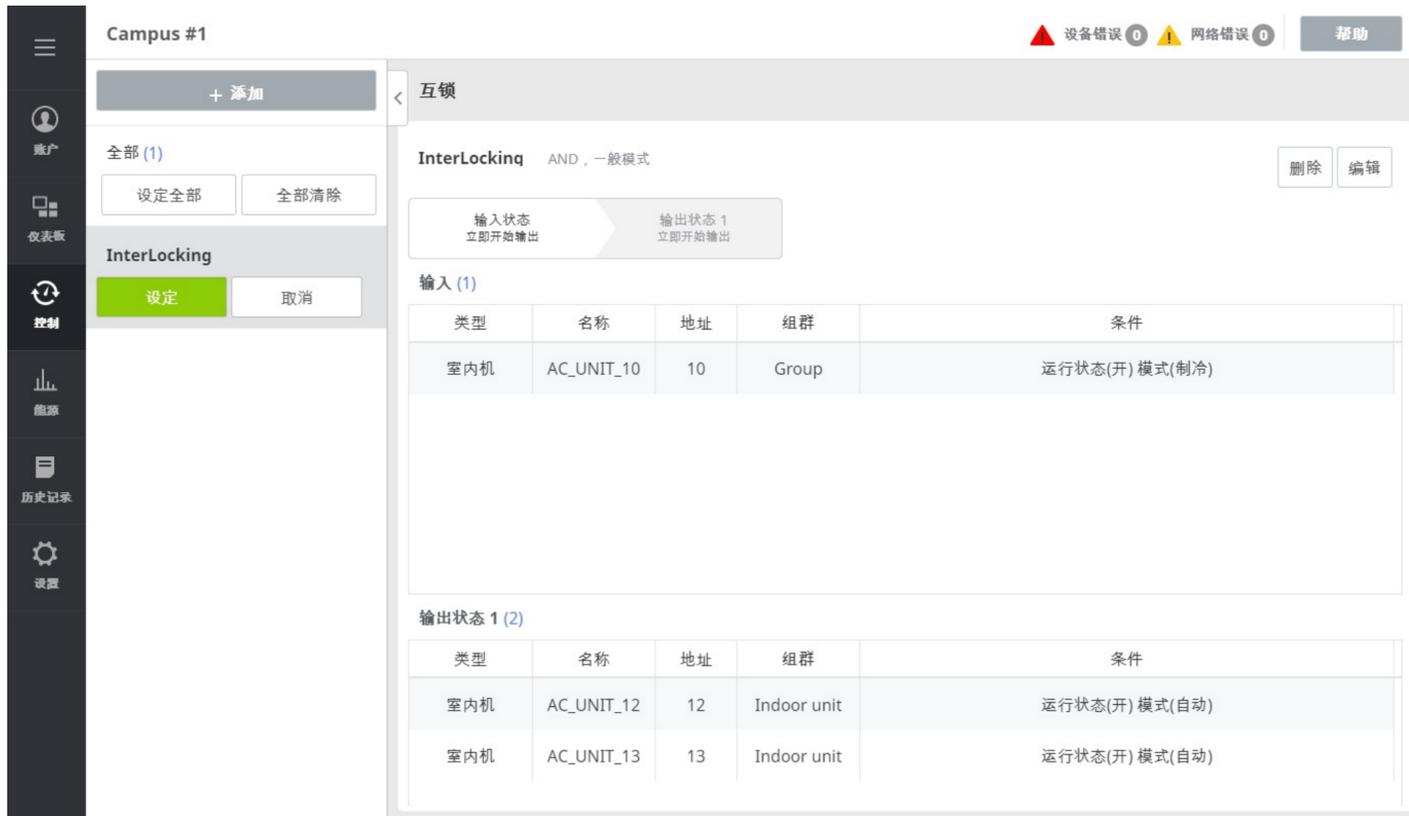


互锁

互锁是指与一个或多个设备相连，在输入条件满足时对输出操作进行控制的一项功能。对于互锁，您需要将设备分组关联成一个群组上并应用控制设置。它说明了创建并管理组的方法以及互锁方法。

1. 在左侧菜单选项卡中，单击 [控制] > [互锁] 菜单。

- 显示互锁界面。



2. 在组列表中，选择要检查设置的组。

- 界面中显示相应组的设置状态。

3. 在组列表中，当您单击 [设定] / [取消] 按钮时，您可以设定互锁操作。

4. 要启动所有注册的组，单击 [设定全部] 按钮；要全部停止，单击 [全部清除] 按钮。

注意

建议的规格

- 设备关联控制：模式数量为 20，输入设备数量为 500，输出设备数量为 1000
- 如果设置为超过建议的规范，则可能会出现性能降低。

添加/编辑互锁

您可以添加并编辑新的互锁。

1. 在左侧菜单选项卡中，单击 [控制] > [互锁] 菜单。

- 显示互锁界面。

2. 单击 [+ 添加] 按钮。

- 显示添加互锁界面。

互锁 > 添加新互锁控制

删除 取消 应用

互锁名称

一般模式 满足输入条件时，执行输出控制指令的模式

允许用户控制

输入状态 立即开始输出 输出状态 1 立即开始输出

状态 和 或 NAND NOR

维护时间 取消 设置 以后



无已注册设备。
通过选择“编辑设备”按钮注册设备。

3. 在互锁名称输入字段中，输入所需的互锁名称。

4. 选择模式类型。

| 类别 | 说明 |
|--------|--|
| 一般模式 | <ul style="list-style-type: none"> 满足输入条件时，执行输出控制指令的模式 |
| 复制模式 | <ul style="list-style-type: none"> 输出设备跟随输入设备状态的模式 (某些控件功能可能无法复制。) 您只可添加一台设备到输入条件，并且只能将与添加的输入设备具有相同属性的设备注册到输出设备。 |
| 紧急模式 | <ul style="list-style-type: none"> 当输入条件满足时，识别为紧急情况的模式 当输入条件满足时，它通过屏幕画面和声音发出报警 |
| 1:1 模式 | <ul style="list-style-type: none"> 如果输入设备与输出设备相同，则可以方便地注册许多设备的模式 |

5. 选择是否允许用户控制。(仅一般模式可用)

- 当选中此复选框时，即使通过互锁改变了状态，用户也可以改变设备的状态。

6. 设置设备关联条件。当按 [+] 按钮，可添加最多 3 个输出条件。

- 它只在选择了输入条件选项卡时出现。

| 类别 | 说明 |
|------|---|
| 状态 | <ul style="list-style-type: none"> AND：满足所有设备条件 OR：一个或多个设备条件匹配 NAND：一个或多个设备条件不匹配 NOR：没有条件匹配 |
| 维护时间 | 如果进行了设置，当满足所有输入条件时，则在维护时间后进行输出条件控制 按 [▼] 按钮选择维护时间 |

- 它只在选择了输出条件选项卡时出现。

| 类别 | 说明 |
|--------|--|
| 发送电子邮件 | 选择复选框后，如果 ACP 中运行了相应事件，则发生的事件将被发送至“Setting > Error Notice Setting > Receiving E-Mail Address(系统设置 > 错误通知设置 > 接收电子邮件地址)”中设定的电子邮件。 <ul style="list-style-type: none"> ACP 应连接到能发送电子邮件的互联网。 |
| 延迟时间 | 如果进行了设置，当满足输入条件时，则在注册延迟时间后进行输出条件控制 按 [▼] 按钮选择延迟时间 <ul style="list-style-type: none"> 如果输入条件满足，即使延迟时间期间变为不满足输入条件状态，则延迟时间后输出条件依然执行。 |

7. 要添加设备，单击 [编辑] 按钮。

- 出现 编辑设备弹出窗口。

8. 在可选设备列表中，单击要注册设备的复选框，然后单击 [◀] 按钮。

- 要一次注册多个组，单击要注册组的复选框，然后单击 [◀] 按钮。
- 所选设备被添加到注册设备列表中。



9. 设备注册完成后，单击 [应用] 按钮。

10. 单击已注册设备的 [条件] 按钮。



11. 在右侧控制窗口区中，设定所需的控制状态。

12. 选择输出条件选项卡，然后按顺序进行 7 ~ 11 步骤。

13. 要保存设定内容，单击 [应用] 按钮。

注意

各等级气味条件的含义

- 参考值 2：弱
- 参考值 4：一般
- 参考值 5：浓
- 参考值 6：非常浓

删除互锁

您可以删除已注册的互锁。

1. 在左侧菜单选项卡中，单击 [控制] > [互锁] 菜单。
 - 显示互锁界面。
2. 在互锁列表中，选择要删除的组，然后单击 [删除] 按钮。
3. 当出现互锁删除弹出窗口时，单击 [是] 按钮。
 - 在互锁列表中，所选的类别被删除。

持续运行时间限制

您可以控制设备在设定的时间运行和自动停止。

1. 在左侧菜单选项卡中，单击 [控制] > [持续运行时间限制] 菜单。
2. 在组列表中，选择要检查设置的组。
 - 界面中显示相应组的设置状态。
3. 在组列表中，您可以单击 [设定] / [取消] 按钮设定时间限制运行。
4. 要启动所有注册的组，单击 [设定全部] 按钮；要全部停止，单击 [全部清除] 按钮。



注意

建议的规格

- 运行时间限制：组数为 10
- 如果设置为超过建议的规范，则可能会出现性能降低。

添加/编辑“持续运行时间限制”组

您可以添加并编辑“持续运行时间限制”组。

1. 在左侧菜单选项卡中，单击 [控制] > [持续运行时间限制] 菜单。
 - 显示“持续运行时间限制”界面。
2. 单击 [+ 添加新组] 按钮。
 - 显示 添加新组界面。
 - 在编辑过程中，当您选择要编辑的组并单击 [编辑] 按钮时，将显示以下界面。

持续运行时间限制 > 添加新组

取消 应用

组名称

连续运行时间 ▼

适用于周日期 星期一 星期二 星期三 星期四 星期五 星期六 星期日

已注册设备 编辑

| 类型 | 名称 | 地址 | ACP | 组群 |
|---|----|----|-----|----|
|  <p>无已注册设备。 通过选择“编辑设备”按钮注册设备。</p> | | | | |

- 输入组名称。
- 选择持续运行时间和要应用到星期几。

| 类别 | 说明 |
|----------|---|
| 持续运行时间级别 | <ul style="list-style-type: none"> 按 [▼] 按钮，设置所需的连续运行时间(1 小时 ~ 4 小时) |
| 适用于周日期 | <ul style="list-style-type: none"> 选中复选框以选择在星期几执行时间限制运行 |

- 要添加设备，单击 [编辑] 按钮。
 - 出现 编辑设备弹出窗口。

编辑 ×

已注册设备 (0)



在注册设备中选择设备或组。

可选设备 (45)

ACP[1] ▼

ACP ▼

▶ Outdoor Unit_1

▶ HRV

取消 应用

- 在可选设备列表中，单击要注册设备的复选框，然后单击 [◀] 按钮。
 - 对于限时控制，您可以注册除 DI、DO、开/关设备、冷水机和 Exp.I/O 设备之外的所有设备。
 - 要一次注册多个组，单击要注册组的复选框，然后单击 [◀] 按钮。
 - 所选设备被添加到注册设备列表中。
- 设备注册完成后，单击 编辑设备弹出窗口中的 [应用] 按钮。
- 单击右上方的 [应用] 按钮。

删除持续运行时间限制

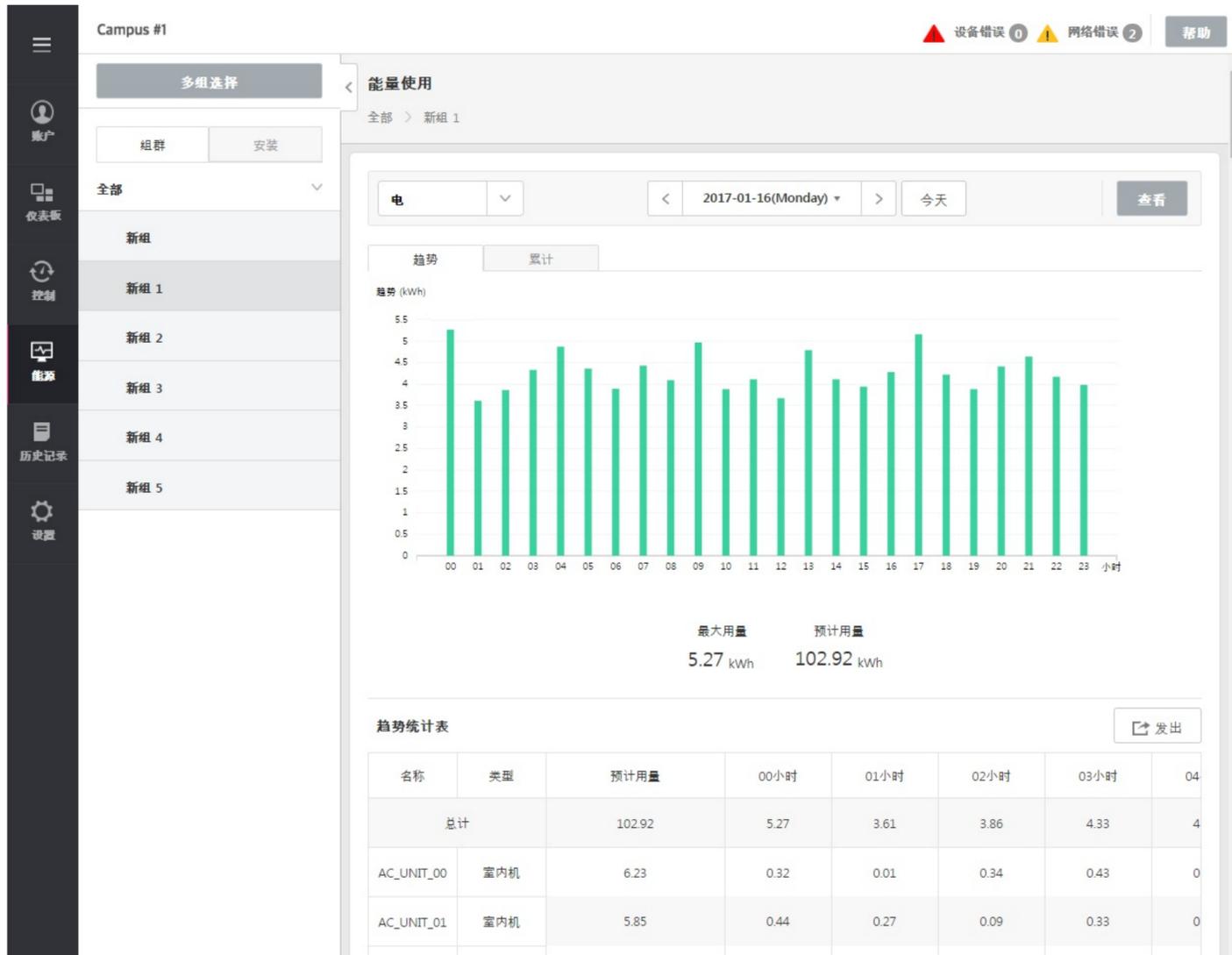
您可以删除“持续运行时间限制”组。

- 在左侧菜单选项卡中，单击 [控制] > [持续运行时间限制] 菜单。
 - 显示“持续运行时间限制”界面。
- 在组列表中，选择要删除的组并单击 [删除] 按钮。
- 当出现 删除组弹出窗口时，单击 [是] 按钮。

能量使用

使用数值和图表说明检查设备运行时间、用电量、用气量、TOE 和 CO₂ 的方法。

- 在左侧菜单选项卡中，单击 [能源] > [能量使用] 菜单。
 - 显示 能源使用量界面。



- 在组列表中，选择要查看的组。
- 在左上框中，选择要查看的类别。



- 设定查看时段

| 类别 | 说明 |
|----|---------------|
| 日 | 在迷你日历中设定所需的日 |
| 月 | 在迷你日历中设定所需的月 |
| 时段 | 在迷你日历中设定所需的时段 |
| 今日 | 将今天的日期设为基准日期 |



5. 要查看设定内容，单击 [查看] 按钮。

- 显示设定时段的能源使用量。
- 要保存查看过的内容，单击 [发出] 按钮。

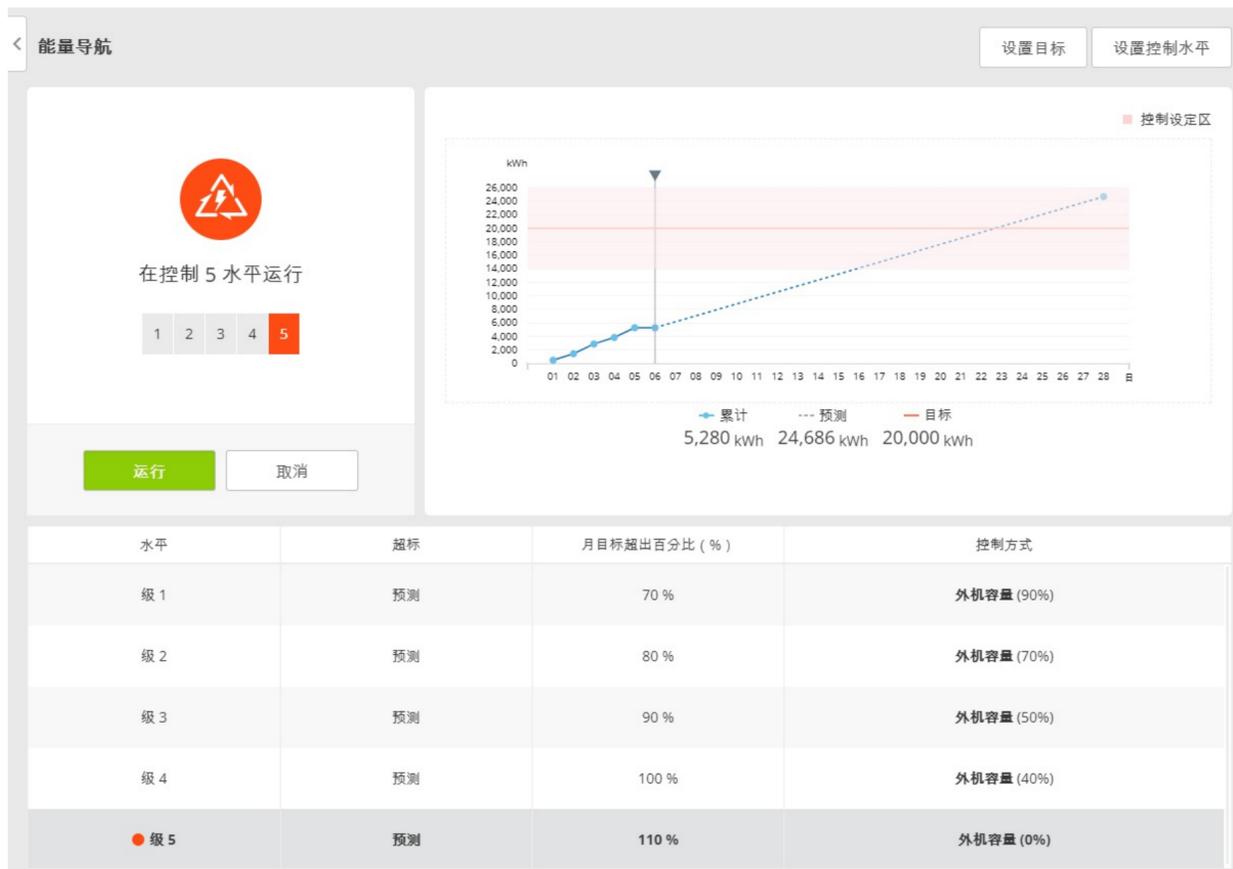
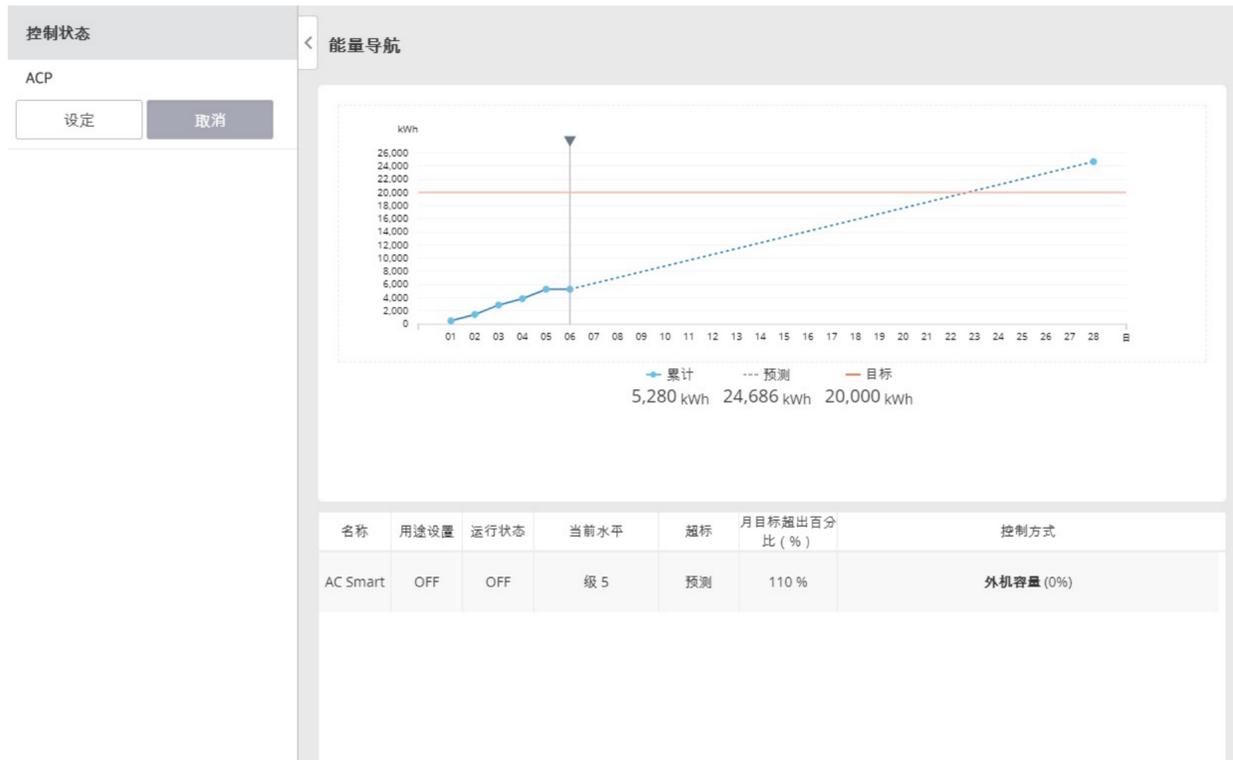
(在 AC Smart 5 设备中，它存储在 USB 中。)

注意

- 只有安装了 PDI 时方可查看用电情况。
- 如果安装了 PDI，则室内机，ERV DX，Heating地址应设置为避免重复。
- 此程序中显示的用电量可能与实际账单中的用电量稍有不同。
- 在 [设置]-[安装]中，只能对设定了 [用电量] 的 ACP 进行监测。
- 只有安装了 GDI 时方可查看用气情况。
- 此程序中显示的用气量可能与实际账单中的用气量稍有不同。
- 在 [设置]-[安装]下，仅已设置 [用气量] 的 ACP 可以被监控。
- 能源监控器只会保留最近一年的数据。
- 小时数据可提供到最近 3 个月。

能量导航

能量导航功能可以根据能源用量预估和当前能源使用量，对每个水平的 [外机容量]/[室内机运行率]/[室内机] 进行控制，这样就能够对能源月用量进行管理使其低于目标用量。



添加目标用量

您可以添加 能量导航的目标用量。

1. 在左侧菜单选项卡中，单击 能源 > [能量导航] 菜单。
2. 在控制状态选项卡中，单击要添加目标用量的组。
3. 单击右上方的 [设置目标] 按钮。
 - 出现目标用量设置窗口。

能量目标管理 取消 应用

输入方式 直接输入 相比上一年的下降率

| 月目标用量 | | | | 下降率 |
|---|------------------------------------|-----|------------------------------------|---|
| 批量输入 <input type="text"/> 应用 | | | | 100% ▲▼ 上一年 |
| 月 | 目标值 | 月 | 目标值 | |
| 1月 | <input type="text" value="20000"/> | 7月 | <input type="text" value="20000"/> | |
| 2月 | <input type="text" value="20000"/> | 8月 | <input type="text" value="20000"/> | |
| 3月 | <input type="text" value="20000"/> | 9月 | <input type="text" value="20000"/> | |
| 4月 | <input type="text" value="20000"/> | 10月 | <input type="text" value="20000"/> | |
| 5月 | <input type="text" value="20000"/> | 11月 | <input type="text" value="20000"/> | |
| 6月 | <input type="text" value="20000"/> | 12月 | <input type="text" value="20000"/> | |
| Total 240000 kwh | | | | |

4. 输入每个月的目标用量。
 - 要一次输入所有月份的用量，在批量输入字段中输入目标用量并单击旁边的 [应用] 按钮。
5. 目标用量输入完成后，单击右上方的 [应用] 按钮。
6. 当出现 应用通知窗口时，单击 [检查] 按钮。

控制水平设置

您可以设定 能量导航的控制水平。

1. 在左侧菜单选项卡中，单击 能源 > [能量导航] 菜单。
2. 在控制状态选项卡中，单击要设定控制水平的组。
3. 单击右上方的 [设置控制水平] 按钮。
 - 出现“控制水平设置”窗口。

能量导航 > 设置控制水平 取消 应用

设定控制执行方式 自动 手动 帮助

设置控制水平 + 添加水平

| 水平 | 超标 | 月目标超出百分比 (%) | 控制方式 | | 删除 |
|----|---------------------------------|--|-----------------------------------|--|----|
| 1 | <input type="text" value="预测"/> | 70% ▲▼ | <input type="text" value="外机容量"/> | 90% ▲▼ | 🗑️ |
| 2 | <input type="text" value="预测"/> | 80% ▲▼ | <input type="text" value="外机容量"/> | 70% ▲▼ | 🗑️ |
| 3 | <input type="text" value="预测"/> | 90% ▲▼ | <input type="text" value="外机容量"/> | 50% ▲▼ | 🗑️ |
| 4 | <input type="text" value="预测"/> | 100% ▲▼ | <input type="text" value="外机容量"/> | 0% ▲▼ | 🗑️ |
| 5 | <input type="text" value="预测"/> | 110% ▲▼ | <input type="text" value="室内机"/> | 关 66°F 🌀 送风 锁定 etc. ⚙️ | 🗑️ |

4. 选择控制执行方式设置。

| 类别 | 说明 |
|----|--------------------------|
| 自动 | 在警告时，自动执行为每个水平设定的控制方式。 |
| 手动 | 在警告时，选择是否执行为每个水平设定的控制方式。 |

5. 单击控制水平设置窗口中的 [+添加水平] 按钮。
6. 设定控制水平设置类别。

| 类别 | 说明 |
|----------|------------------------------------|
| 超标 | 您可以在用量预估和实际用量之间进行选择。 |
| 月目标超出百分比 | 您可以在 70~130% 之间以 10% 为最小单位进行设定 |
| | 外机容量：您可以在 0~100% 之间以 10% 为最小单位进行设定 |

控制方式

室内机运行率：您可以在 0~100% 之间以 10% 为最小单位进行设定
室内机：室内机控制

7. 设置完成后，单击右上方的 **[应用]** 按钮。
8. 当出现 应用通知窗口时，单击 **[检查]** 按钮。

峰值/需量控制

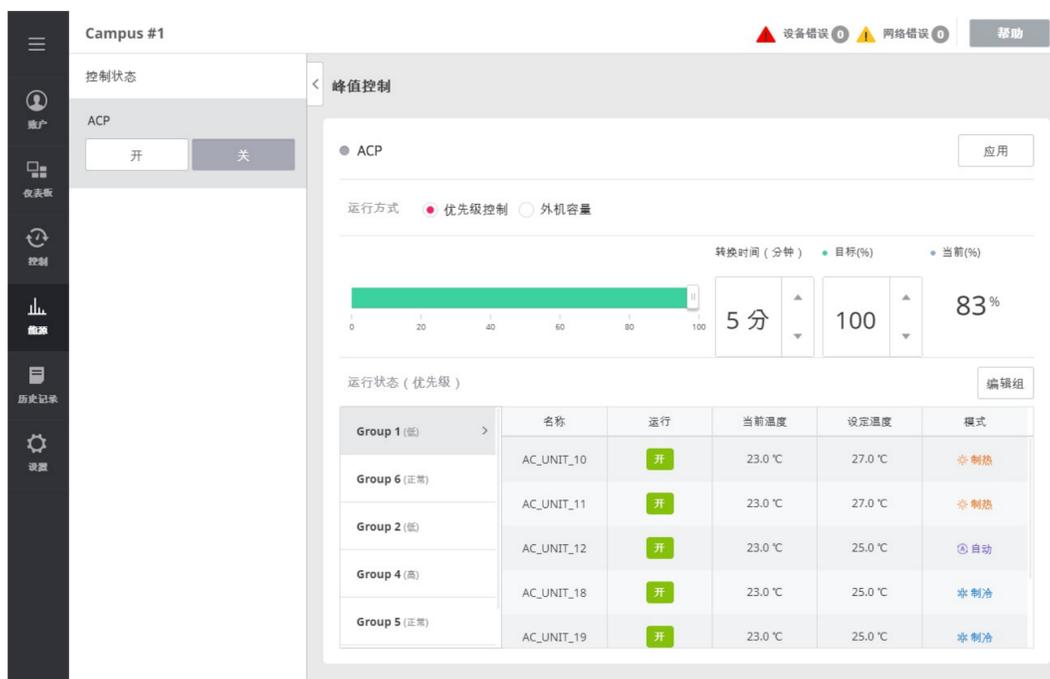
在控制状态中，您可以检查 ACP 名称、控制方式、运行方式、控制状态和目标运行率。



峰值控制

峰值控制是设置目标运行率的功能，以限制最大功耗和控制总功耗不超过目标运行率。为了防止总功耗超过目标运行率，制冷模式根据优先级自动转换为送风模式，制热模式自动停止，因此节省了功耗。

- 在左侧菜单选项卡中，单击 **能源 > [峰值/需量控制]** 菜单。
 - 显示 峰值/需量控制界面。
- 在 ACP 列表中，选择要控制的 ACP。
 - 小时数据可提供到最近 3 个月。



- 在控制信息显示中，设定所需的控制状态。

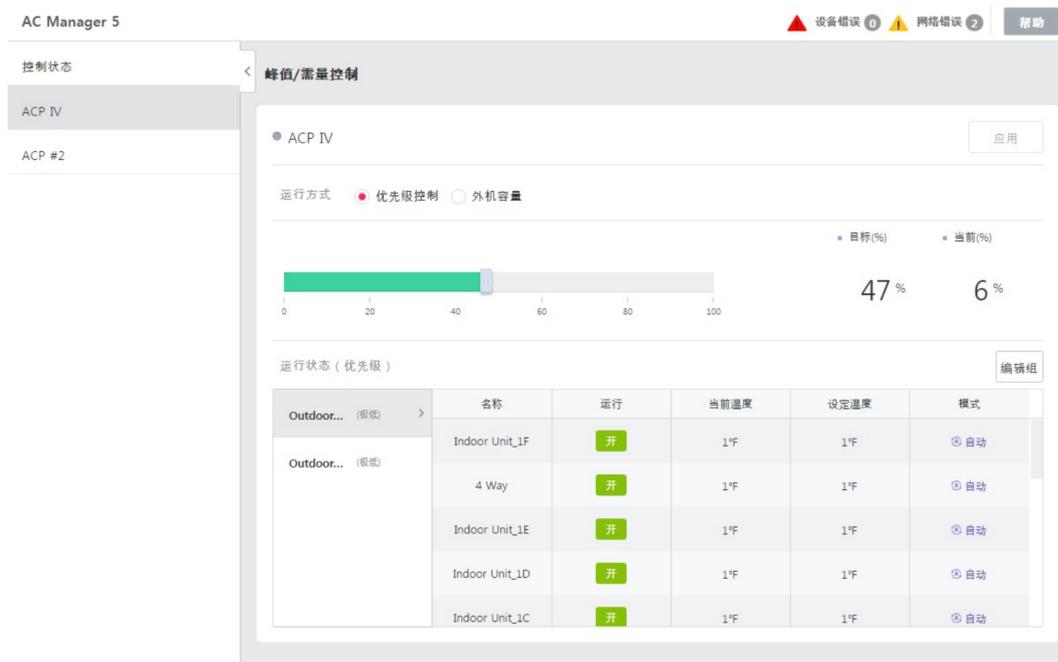
| 类别 | 说明 |
|-----------|---|
| 运行方式 | <ul style="list-style-type: none"> 室外机容量控制：将目标运行率应用到室外机设备中，以控制室外机容量 优先级控制：根据 ACP 下级组的优先级进行控制 |
| 运行率条形图 | <ul style="list-style-type: none"> 室内机的目标运行率以条形图的形式显示 您可以拖动条形图来设定目标运行率 |
| 当前(%) | 在所有选定的 ACP 室内机中，它用来标记当前运行设备达到的 % |
| 目标(%) | 按 [▲]/[▼] 按钮设定目标运行率 |
| 转换时间 (分钟) | <ul style="list-style-type: none"> 按 [▲]/[▼] 按钮设定强制运行停止的周期 (以分钟单位) 您可以在 5~15 分钟内以 1 分钟为最小单位进行设置。 |
| 运行状态 | 显示设备名称/是否运行/当前温度/设定温度/模式信息 |

- 要应用控制设置，单击 **[应用]** 按钮。
 - 设定控制状态被保存。
- 要以设定状态启动相应的组，单击组列表的 **[开]** 按钮。要停止相应组的运行，单击组列表的 **[关]** 按钮。

需量控制

您可以观察能源使用量的变化趋势，并对超出预设能源用量的能源使用进行限制。当设定为需量控制时，在预计将超出预设能源用量时，将会从最不必要的设备开始停止运行并对能源使用进行分配，这样就可以节省能源使用量。

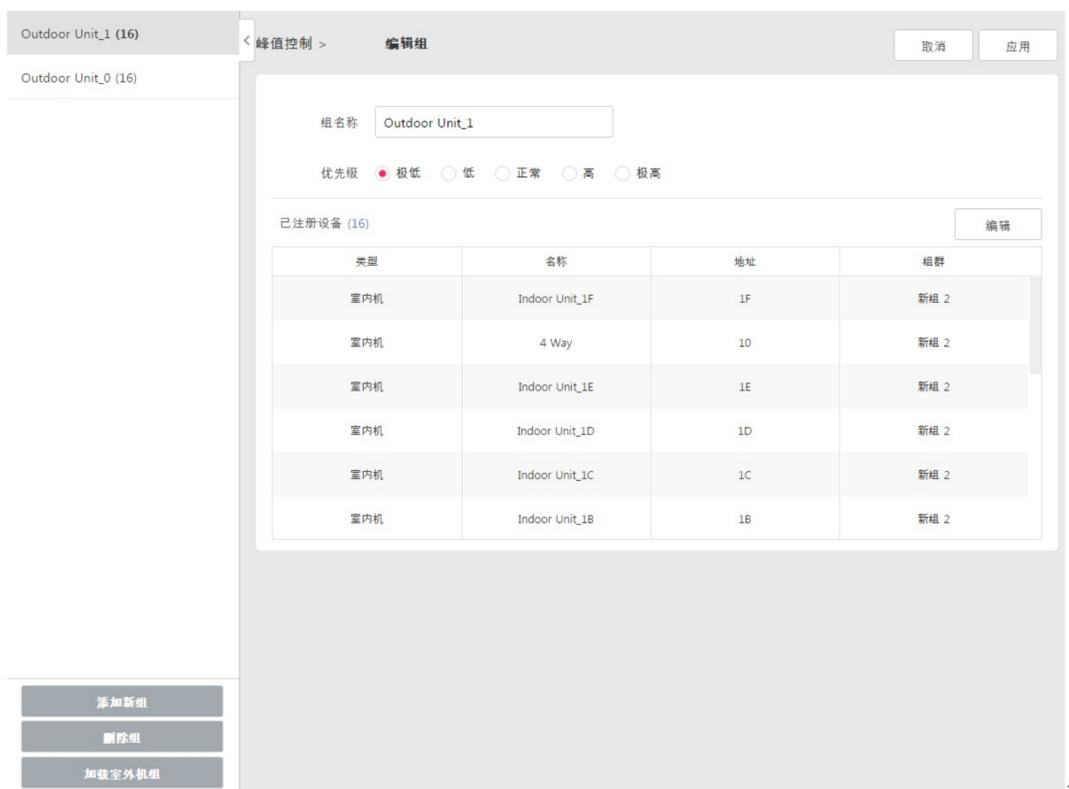
- 在需量控制菜单中，您可以检查需量控制状态或对组进行编辑。但是，您无法设定目标运行率、运行切换时间和运行控制。



添加/编辑峰值组

您可以添加并编辑峰值控制组。

- 在左侧菜单选项卡中，单击 **能源** > **[峰值/需量控制]** 菜单。
 - 显示 峰值/需量控制界面。
- 单击 **[编辑组]** 按钮。
 - 显示 编辑组界面。



| 类别 | 说明 |
|-----------------|---------------------------|
| 组名称 | 输入要添加的组的名称。 |
| 优先级 | 在“极低/低/正常/高/极高”中选择所需的优先级。 |
| [编辑] | 打开设备编辑窗口（添加或删除设备列表） |
| 已注册设备 | 显示在组中注册的设备列表 |
| [添加新组] | 添加进行峰值控制的组 |
| [删除组] | 删除所选的峰值组 |
| [加载室外机组] | 应用到在 ACP 中注册的室外机设备中 |

- 在组名称输入字段中输入相应组的名称。
- 选择所需的优先级。
- 要注册该设备，单击 **[编辑]** 按钮。
 - 出现 编辑设备弹出窗口。
- 在未注册设备列表中，单击要注册设备的复选框并单击 **[◀]** 按钮。
 - 对于峰值控制，只有室内机可以被注册。
 - 要一次注册多个设备，单击要注册设备的复选框，然后单击 **[◀]** 按钮。
 - 所选设备被添加到注册设备列表中。

已注册设备 (16)

| <input type="checkbox"/> | 名称 | ACP | 组群 |
|--------------------------|----------------|--------|------|
| <input type="checkbox"/> | Indoor Unit_1F | ACP IV | 新组 2 |
| <input type="checkbox"/> | 4 Way | ACP IV | 新组 2 |
| <input type="checkbox"/> | Indoor Unit_1E | ACP IV | 新组 2 |
| <input type="checkbox"/> | Indoor Unit_1D | ACP IV | 新组 2 |

未注册设备 (0)

ACP ▼

取消

应用

7. 要应用到 编辑设备弹出窗口中, 单击 [应用] 按钮。

8. 要保存设定内容, 单击 峰值/需量控制画面中的 [应用] 按钮。

运行历史

您可以查看用户/自动控制的运行历史、连接设备的状态变化和错误状态。

- 在左侧菜单选项卡中，单击 [历史记录] > [运行历史] 菜单。
 - 显示 运行历史界面

| 运行历史 | | | | | | | | | |
|------|---------------------|---|----|------------|-------|------|------------|---------------------------------------|--------|
| | | <input type="button" value="2017-01-06(Friday)"/> <input type="button" value="今天"/> | | | | | | | |
| | | | | | | | | 滤网: <input type="text" value="所有历史"/> | |
| 编号 | 发生时间 | 名称 | 地址 | 设备类型 | 主代理 | 历史类型 | 详细内容 | 组群 | ACP |
| 1 | 2017-01-06 AM 11:18 | AC Manager 5 | - | AC Manager | admin | 设置 | 安装 | - | - |
| 2 | 2017-01-06 AM 11:17 | AC Manager 5 | - | AC Manager | admin | 设置 | 安装 | - | - |
| 3 | 2017-01-06 AM 11:16 | AC Manager 5 | - | AC Manager | admin | 设置 | 安装 | - | - |
| 4 | 2017-01-06 AM 10:59 | ACP IV | 01 | ACP | admin | 设置 | 时间表 | - | ACP IV |
| 5 | 2017-01-06 AM 10:59 | ACP IV | 01 | ACP | admin | 设置 | 时间表 | - | ACP IV |
| 6 | 2017-01-06 AM 10:30 | AC Manager 5 | - | AC Manager | admin | 设置 | 组设置 | - | - |
| 7 | 2017-01-06 AM 10:15 | ERV_F | 0F | HRV | KEPCO | 控制 | 模式: 自动 | 新组 3 | ACP IV |
| 8 | 2017-01-06 AM 10:15 | ERV_F | 0F | HRV | KEPCO | 控制 | 设定温度: 81°F | 新组 3 | ACP IV |
| 9 | 2017-01-06 AM 10:15 | ERV DX_50 | 50 | DXHRV | KEPCO | 控制 | 模式: 自动 | 新组 3 | ACP IV |
| 10 | 2017-01-06 AM 10:15 | ERV DX_50 | 50 | DXHRV | KEPCO | 控制 | 设定温度: 81°F | 新组 3 | ACP IV |
| 11 | 2017-01-06 AM 10:15 | ERV DX_51 | 51 | DXHRV | KEPCO | 控制 | 运行状态: 开 | 新组 3 | ACP IV |

- 设定查看时段。

| 类别 | 说明 |
|------|--|
| 查看时段 | <ul style="list-style-type: none"> 选定日: 查看所选日期的历史记录 今日: 查看今日历史记录 |

- 在筛选类别中，选择设备或历史类型。
 - 您可以单击该复选框选择多个信息。
 - 您可以通过 [初始化] 按钮来初始化所选内容。
- 设备和历史类型选择完成后，单击 [应用] 按钮。
 - 显示设定时段的运行历史。

能源导航历史

您可以查看 能源导航的历史记录并控制运行。

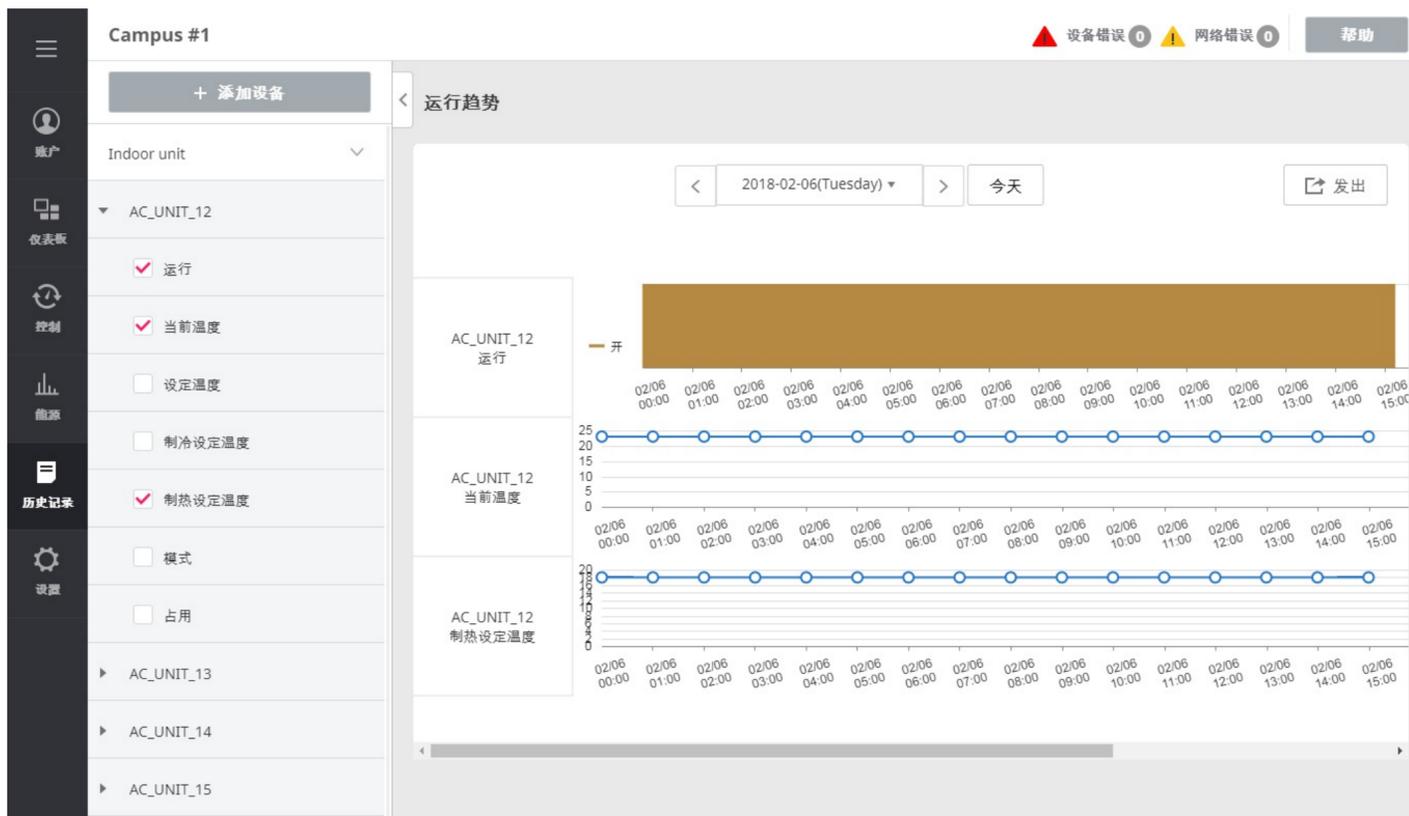
1. 在左侧菜单选项卡中，单击 [历史记录] > [能源导航历史] 菜单。
 - 显示能源导航界面。

| 能源导航历史 | | | | |
|-----------|---------------------|---------------------------|--------------|---------------|
| 事件数量 : 53 | | 2016-12-16 ~ 2017-01-16 ▾ | | 查看 |
| 编号 | 发生时间 | 超出标准 | 能量警告内容 | 执行控制选项 |
| 1 | 2017-01-16 15:17:26 | 预测 | 超过月目标用量 70% | 自动, 外机容量, 90% |
| 2 | 2017-01-16 15:17:21 | 预测 | 超过月目标用量 70% | 自动, 外机容量, 暂停 |
| 3 | 2017-01-16 10:17:46 | 预测 | 超过月目标用量 70% | 自动, 外机容量, 90% |
| 4 | 2017-01-16 10:00:39 | 预测 | 超过月目标用量 130% | 自动, 外机容量, 0% |
| 5 | 2017-01-12 17:39:27 | 预测 | 超过月目标用量 70% | 自动, 外机容量, 90% |
| 6 | 2017-01-11 04:07:15 | 预测 | 超过月目标用量 80% | 自动, 外机容量, 70% |
| 7 | 2017-01-11 00:37:15 | 预测 | 超过月目标用量 90% | 自动, 外机容量, 50% |
| 8 | 2017-01-10 09:37:13 | 预测 | 超过月目标用量 80% | 自动, 外机容量, 70% |
| 9 | 2017-01-10 00:22:12 | 预测 | 超过月目标用量 90% | 自动, 外机容量, 50% |
| 10 | 2017-01-09 15:12:11 | 预测 | 超过月目标用量 80% | 自动, 外机容量, 70% |

2. 选择要查看历史记录的设备。
3. 设定查看历史记录的时段开始日期和结束日期。
4. 要查看设定内容，单击 [查看] 按钮。
 - 显示设定时段的能源导航历史。

运行趋势

“运行趋势”功能提供所选设备过去状态的变化情况，帮助制定合理的现场运行方案。



添加设备

您可以添加要查看其运行趋势的设备。

- 在左侧菜单选项卡中，单击 [历史记录] > [运行趋势] 菜单。
 - 显示 运行趋势界面。
- 单击 [+ 添加设备] 按钮。
 - 显示 添加设备界面。
- 在未注册设备列表中，单击要注册设备的复选框并单击 [◀] 按钮。
 - 要一次注册多个设备，单击要注册设备的复选框，然后单击 [◀] 按钮。
 - 所选设备被添加到注册设备列表中。
- 要应用到 编辑设备弹出窗口中，单击 [应用] 按钮。

查看信息

您可以查看所选设备的运行趋势信息。

- 在左侧菜单选项卡中，单击 [历史记录] > [运行趋势] 菜单。
 - 显示 运行趋势界面。
- 在设备列表选项卡区域中，选择要查看设备的类别。
- 选择查看运行趋势的时段。



| 类别 | 说明 |
|----|----|
| | |

时段

[选定日] 按钮：在迷你日历中选择所需的日期，将其设为基准日期
[时段] 按钮：设定查看时段的开始日期和结束日期
• 查看的最长时段为 1 周。
[今日] 按钮：将今天的日期设为基准日期

发送信息

您可以发送已查看设备的运行趋势信息。

1. 在左侧菜单选项卡中，单击 [历史记录] > [运行趋势] 菜单。
 - 显示 运行趋势界面。
2. 在左侧类别中，选择要发送的类别并单击右上方的 [发出] 按钮。
(在 AC Smart 5 设备中，它存储在 USB 中。)

注意

每个设备可储存的信息如下。

- 室内机：运行、当前温度、设定温度、制冷设定温度、制热设定温度、运行模式、占用状态
- ERV：运行、模式、当前温度（仅适用于ERV DX）、设定温度（仅适用于ERV DX）
- AHU：运行、模式、设定温度、送风温度、送风湿度、通风温度、通风湿度
- Heating：运行、进水口温度、出水口温度、热水温度、设定温度、热水设定温度、模式、热水运行
- 冷水机：运行、进水口温度、出水口温度、模式
- DOKIT：运行
- DI：运行
- DO：运行
- Exp.I/O 的端口：值
- 空气净化器：运行，异味，PM 10，PM 2.5，PM 1.0

系统信息

您可以查看室内机/室外机和冷水机的系统信息。

室外机

提供所选室外机的系统信息数据。

1. 在左侧菜单选项卡中，单击 [历史记录] > [系统信息] 菜单。

- 显示 系统信息界面。



| 类别 | 说明 |
|---------|------------------|
| 室外机系统信息 | 主机/辅机室外机信息显示 |
| 室内机系统信息 | 显示连接到室外机的所有室内机信息 |

2. 在室外机列表中，选择要检查系统信息的室外机。

- 显示相应室外机的系统信息。

注意

只有安装了提供系统信息的室外机时，您才能够查看。

冷水机

提供所选冷水机的系统信息数据。

1. 在左侧菜单选项卡中，单击 [历史记录] > [系统信息] 菜单。

- 显示 系统信息界面。

2. 在冷水机列表中，选择要检查系统信息的冷水机。

- 显示相应冷水机的系统信息。

室外机 Chiller

循环

- ACP
- Scroll Air STD
- Scroll Air INV
- Absorption
- Screw Air
- Screw Water
- Scroll Water
- Turbo**

ACP #2

Turbo 循环信息

查看全部 蒸发器 压缩机 冷凝器

| | | | |
|----|-----|---------|------|
| 模式 | 非制冷 | 蒸发器出水温度 | 0 °C |
| 运行 | OFF | 电机电流 | 0 A |

蒸发器

| | | | |
|------|----------|------|-----------------------|
| 流量 | AC Smart | 饱和温度 | 0 °C |
| 进水水温 | 0 °C | 压力 | 0 kgf/cm ² |
| 出水温度 | 0 °C | - | - |

压缩机

| | | | |
|------|------|------|------|
| 电机电流 | 0 A | 轴承温度 | 0 °C |
| 油温 | 0 °C | 排风温度 | 0 °C |

冷凝器

| | | | |
|------|------|------|-----------------------|
| 流量 | OFF | 饱和温度 | 0 °C |
| 进水水温 | 0 °C | 压力 | 0 kgf/cm ² |
| 出水温度 | 0 °C | - | - |

设备设置

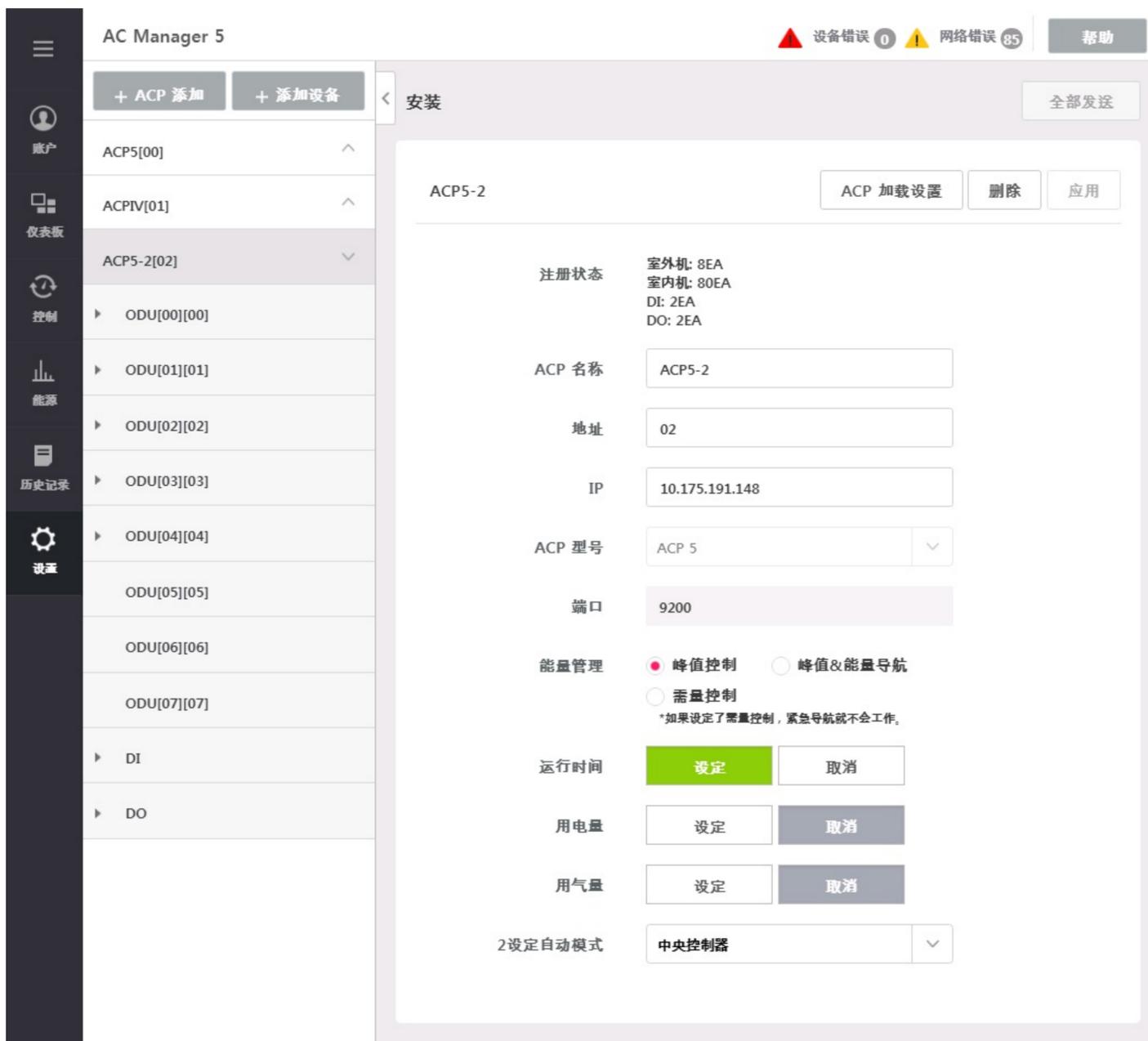
您可以添加 ACP 或设备，或者更改已注册设备的设置。

添加 ACP

您可以注册并使用 ACP。

1. 在左侧菜单选项卡中，单击 [设置] > [安装] 菜单。

- 显示 设备设置画面。



2. 单击 [+ 添加 ACP] 按钮。

- 显示 添加 ACP画面。
- 在设备编辑区域中，输入 ACP 设置信息。

< 安装
全部发送

ACP 加载设置 取消 应用

注册状态

ACP 名称

地址

IP

ACP 型号 ▼

端口

能量管理 峰值控制 峰值&能量导航
 需量控制
*如果设定了需量控制，紧急导航就不会工作。

运行时间 设定 取消

用电量 设定 取消

用气量 设定 取消

2设定自动模式 ▼

| 类别 | 说明 |
|---------|---|
| ACP 名称 | ACP 名称 |
| 地址 | ACP 地址 (范围: 00~FF) |
| IP | 输入 IP 地址 |
| ACP 型号 | 按 [▼] 按钮选择 ACP 类型 (ACP Standard / ACP Premium / AC Smart Premium / ACP IV / AC Smart IV / ACP 5 / AC Smart 5) |
| 端口 | 端口号 |
| 能量管理 | 在“峰值控制 / 峰值&能量导航 / 需量控制”中进行选择 设定需量控制时，能量导航不工作。 |
| 运行时间 | 设定/取消以获取并查看相应 ACP 的运行时间 |
| 用电量 | 设定/取消以获取并查看相应 ACP 的用电量 |
| 用气量 | 设定/取消以获取并查看相应 ACP 的用气量 |
| 2设定自动模式 | 按 [▼] 按钮选择 2设定自动模式的主代理 中央控制器/室内机 |

- 输入完成后，单击 [应用] 按钮。
- 单击 [全部发送] 按钮。

注意

2设定自动模式未与ACP / AC Smart同步。

加载 ACP 设置

您可以加载并使用已注册的 ACP 设置内容。

- 在左侧菜单选项卡中，单击 [设置] > [安装] 菜单。
 - 显示 设备设置画面。
- 在设备列表中，选择 ACP 并单击 [加载 ACP 设置] 按钮。
 - 出现 加载设置弹出窗口。
- 要用相应 ACP 的设备设置覆盖现有设置，单击 [是] 按钮。
 - 相应 ACP 的设置状态被应用。

添加设备

您可以另外注册新设备到设备列表。

1. 在左侧菜单选项卡中，单击 [设置] > [安装] 菜单。
 - 显示 设备设置画面。
2. 单击 [+ 添加设备] 按钮。
 - 显示 添加设备画面。

● 室外机 ○ HRV ○ AWHP
○ AHU ○ Chiller ○ DOKIT
○ DI ○ DO ○ EXP. I/O
○ 空气净化器

ACP 名称 ACP

地址

名称

型号 ODU

容量 3

激活设备控制 (图标) ○ 设定 ● 取消

全部添加 EA

3. 在设备列表中，选择要添加设备的上级组。
 - 当在设备列表中选择了 ACP 后，您就可以添加室外机、ERV、Heating、AHU、冷水机、开/关设备、DI、DO 和 Exp.I/O。
 - 在设备列表中，当室外机选定之后，您就只能添加室内机。
4. 在 添加设备区域中，输入要添加设备的设置信息。
 - 根据所选设备，针对相应设备显示不同的设置类别。有关每个设备的设置信息，请参见下一页。
5. 要保存设定内容，单击 [应用] 按钮。
6. 要完成添加设备，单击 [全部发送] 按钮。

设备编辑

在设备列表中，您可以编辑已注册的设备。

1. 在左侧菜单选项卡中，单击 [设置] > [安装] 菜单。
 - 显示 设备设置画面。
2. 在设备列表中，选择要编辑的设备。
3. 显示 设备设置画面。
4. 编辑设备设置信息。
 - 根据所选设备，针对相应设备显示不同的设置类别。有关每个设备的设置信息，请参见下一页。
5. 要保存设定内容，单击 [应用] 按钮。
6. 要完成设备删除，单击 [全部发送] 按钮。

删除设备

在设备列表中，您可以删除已注册的设备。

1. 在左侧菜单选项卡中，单击 [设置] > [安装] 菜单。
 - 显示 设备设置画面。
2. 在组列表中，选择要删除的组并单击 [删除] 按钮。
3. 当出现 删除组弹出窗口时，单击 [是] 按钮。
 - 在组列表中，所选的类别被删除。
4. 要完成设备删除，单击 [全部发送] 按钮。

小心

- 由于安装方式的改变，建议使用 AC Manager 5 对设备添加/编辑/删除的设置进行配置。

每个设备的设置信息

每个设备的设置信息如下。

➔ 室外机

- 室内机
- ERV
- Heating
- AHU
- 冷水机
- DOKIT
- DI/DO
- Exp.I/O
- Exp.I/O 低层级设置
- 空气净化器

室外机

- 室外机
- AHU
- DI
- 空气净化器
- HRV
- Chiller
- DO
- AWHP
- DOKIT
- EXP. I/O

ACP 名称

地址

名称

型号

容量

激活设备控制 (图标) 设定 取消

全部添加 EA

| 类别 | 说明 |
|-------------|---|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 型号 | 产品型号名称 |
| 容量 | 产品容量 |
| 激活设备控制 (图标) | 设置是否激活ODU设备图标 • 仅当ODU激活设备控制 (图标) 设置时, ODU设备才会显示在组设置, 设备控制, 设备错误和运行历史中。 |
| 添加全部 | 选中此复选框时, 所有选定的设备都被添加 |

室内机

| 类别 | 说明 |
|--------|---|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 室外机名称 | 连接到相应设备的室外机名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 <ul style="list-style-type: none"> 批量添加以“名称_设备地址”的形式显示 |
| 型号 | 产品型号名称 |
| 类型 | 室内机类型选择 |
| 容量 | 产品容量 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |



ERV

- 室外机
- HRV
- AWHP
- AHU
- Chiller
- DOKIT
- DI
- DO
- EXP. I/O
- 空气净化器

ACP 名称

类型

地址

名称

型号

容量

全部添加 EA

| 类别 | 说明 |
|--------|-------------------------------------|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 类型 | ERV类型选择 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 型号 | 产品型号名称 |
| 容量 | 产品容量 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

Heating

- 室外机 HRV AWHP AHU
 Chiller DOKIT DI DO
 EXP. I/O 空气净化器

ACP 名称

地址

名称

型号

容量

控制方式 热水控制 进水/出水控制 全部

当前温度 1
 出水 进水 室内 热水 不使用

当前温度 2
 出水 进水 室内 热水 不使用

当前温度 3
 出水 进水 室内 热水 不使用

设定温度
 进水/出水 室内

全部添加

| 类别 | 说明 |
|--------|-------------------------------------|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 型号 | 产品型号名称 |
| 容量 | 产品容量 |
| 控制方式 | 选择控制方式 |
| 当前温度 1 | 第一个显示的当前温度类型 |
| 当前温度 2 | 第二个显示的当前温度类型 |
| 当前温度 3 | 第三个显示的当前温度类型 |
| 设定温度 | 要控制的设定温度类型 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

AHU

选择要添加到 ACP 的设备类型

室外机 HRV AWHP AHU
 Chiller DOKIT DI DO
 EXP. I/O 空气净化器

ACP 名称

地址

名称

型号

AHU 类型 正常 所有室外空气设备 多风扇常规 多风扇所有室外空气设备
 DOAS(AR-DE) DOAS(AR-DR) DOAS(AR-ND)

附加功能 无 自动通风 加湿 自动通风, 加湿

室温 送风标准 通风标准

全部添加

| 类别 | 说明 |
|--------|-------------------------------------|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 型号 | 产品型号名称 |
| AHU 类型 | 选择 AHU 类型 |
| 附加功能 | 选择要添加的功能 |
| 室温 | 在送风或通风之间, 选择所需的室内温度设置标准 |
| 添加全部 | 选中此复选框时, 所有选定的设备都被添加 |

冷水机

- 室外机
- AHU
- DI
- 空气净化器
- HRV
- Chiller
- DO
- AWHP
- DOKIT
- EXP. I/O

ACP 名称

地址

名称

类型

全部添加

| 类别 | 说明 |
|--------|-------------------------------------|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 类型 | 选择冷水机类型 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

DOKIT

- 室外机
- AHU
- DI
- 空气净化器
- HRV
- Chiller
- DO
- AWHP
- DOKIT
- EXP. I/O

ACP 名称

地址

名称

全部添加 EA

| 类别 | 说明 |
|--------|-------------------------------------|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 • 批量添加以“名称_设备地址”的形式显示 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

DI/DO

- 室外机
- AHU
- DI
- 空气净化器
- HRV
- Chiller
- DO
- AWHP
- DOKIT
- EXP. I/O

ACP 名称

ACP

地址

名称

全部添加

EA

| 类别 | 说明 |
|--------|--|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 地址 | 设备地址 |
| 名称 | 系统中显示的设备名称 <ul style="list-style-type: none">批量添加以“名称_设备地址”的形式显示 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

Exp.I/O

- 室外机
- HRV
- AWHP
- AHU
- Chiller
- DOKIT
- DI
- DO
- EXP. I/O
- 空气净化器

ACP 名称

ACP

类型

ACS I/O(14)

地址

※ 有关各类型的详细地址范围，请参阅帮助（用户手册）中的 [使用 (PC)]> [设备设置]> [EXP.IO] 页面。

名称

全部添加

EA

| 类别 | 说明 |
|--------|---|
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 类型 | 选择设备类型 |
| 地址 | 设备地址 <ul style="list-style-type: none"> • ACS I/O 的地址范围：01 ~ F7 • ACU UIO 的地址范围：60 ~ 67 • ACU UI 的地址范围：70 ~ 77 • ACU UO 的地址范围：80 ~ 87 |
| 名称 | 系统中显示的设备名称 <ul style="list-style-type: none"> • 批量添加以“名称_设备地址”的形式显示 |
| 添加全部 | 选中此复选框时，所有选定的设备都被添加 |

Exp.I/O 低层级设置

UI[01/04]

删除

应用

是否使用 使用 不使用

ACP 名称

设备类型

地址

名称

图标

I/O 类型 BI VOL CUR PT1000 NTC10K NI1000

信号边界

使用

温度 湿度 打开 水位 运行率 浓度 压力

单位符号

°C °F

显示边界

Min Max

修正值

| 类别 | 说明 |
|--------|--|
| 是否使用 | 选择是否使用此设备 |
| ACP 名称 | 相应设备的上级 ACP 名称 |
| 设备类型 | 设备类型 |
| 地址 | 设备地址 |
| 名称 | 设备名称 |
| 图标 | 选择图标类型 |
| I/O 类型 | 选择 I/O 类型 <ul style="list-style-type: none"> • AO : VOL • UI : BI、VOL、CUR、PT1000、NTC10K、NI1000 (但是, 当 EXP / IO 类型为 ACU UIO, ACU UI 时, 可以从 BI 或 VOL 中选择。) • DO : BI • DI : BI |
| 信号范围 | 选择信号范围 |
| 使用 | 选择设备的用途 (根据 I/O 类型, 用途选项会有不同) <ul style="list-style-type: none"> • 状态信息 : 运行/停止、短路/开路、警告/正常、关闭/打开、打开/关闭、占用/未占用、1/0 • 数值信息 : 温度、湿度、打开、水位、运行率、浓度、压力 |
| 单位符号 | 选择单位符号 根据用途选择, 单位符号将灵活变化 |
| 显示边界 | 最大/最小 值输入 |
| 修正值 | 修正值输入 |

组设置

您可以根据用户使用情况添加/删除创建的管理组。



添加组

您可以添加新组。

1. 在左侧菜单选项卡中，单击 [设置] > [组设置] 菜单。
 - 显示 组设置界面。
2. 选择组并单击 [+ 添加下级组] 按钮。
 - 新组被创建。
3. 在组名称输入字段中输入组名称。
4. 要在设备列表中注册新设备，在未注册设备列表中，单击要注册设备的复选框并单击 [◀] 按钮。
5. 要保存设定内容，单击 [应用] 按钮。
6. 要完成组添加，单击 [全部发送] 按钮。

组编辑

您可以编辑组。

1. 在左侧菜单选项卡中，单击 [设置] > [组设置] 菜单。
 - 显示 组设置界面。
2. 在组列表中，选择要编辑的组。
3. 编辑组信息。
4. 要保存设定内容，单击 [应用] 按钮。
5. 要完成组编辑，单击 [全部发送] 按钮。

删除组

在组列表中，您可以选择并删除所需的组。

1. 在左侧菜单选项卡中，单击 [设置] > [组设置] 菜单。
 - 显示 组设置界面。
 - 在组列表中，选择要删除的组并单击 [删除] 按钮。
2. 当出现 删除组弹出窗口时，单击 [是] 按钮。
 - 所选的组被删除。
3. 要完成组删除，单击 [全部发送] 按钮。

系统设置

您可以更改系统设置。

- 在左侧菜单选项卡中，单击 [设置] > [系统设置] 菜单。
 - 显示 系统设置界面。
- 设定系统。

系统设置

取消 应用

标题

LG Electronics

语言

中文
▼

日期格式

YYYY-MM-DD
▼

时间格式

24 时间
▼

温度

摄氏 1°C
▼

设置制冷/制热的最低温度。

18 °C
▼

仅适用于制冷/制热模式。

使用能量导航

设定
 取消

| 类别 | 说明 |
|-------------|---|
| 标题 | 在输入字段中输入所需的名称 |
| 语言 | 按 [▼] 按钮选择所需语言 (한국어/ English/ Español/ Português/ Italiano/ Deutsch/ Türkçe/ Polski/ русский/ Français/ 中文/ Čeština) |
| 日期格式 | 您可以设定日期格式。(YYYY-MM-DD / MM-DD-YYYY / DD-MM-YYYY) |
| 时间格式 | 您可以设定时间格式。(12 / 24) |
| 温度 | 按 [▼] 按钮选择所需的控制温度单位(摄氏 0.5°C / 摄氏 1°C / 华氏 1°F) |
| 制冷/制热下限温度设定 | 按 [▼] 按钮选择所需的制冷/制热下限温度(16°C / 18°C) |
| 使用能量导航 | 选择是否使用 能量导航 |

使用“图纸”

设定
 取消

使用“CO₂ 浓度”小组件

设定
 取消

使用“舒适”小组件

设定
 取消

使用“粉尘”小组件

设定
 取消

启用自动切换和温度限制

设定
 取消

使用风门开度计算公式

设定
 取消

舒适 - 季节设置

夏季
 冬季

| 类别 | 说明 |
|---------------------------|--|
| 使用 '图纸' | 选择是否使用 '图纸' |
| 使用“CO ₂ 浓度”小组件 | 当设置后，仪表板 CO ₂ 小部件被激活 |
| 使用舒适小部件 | 当设置后，仪表板舒适小部件被激活 |
| 使用微尘小部件 | 当设置后，仪表板微尘小部件被激活 |
| 启用自动切换和温度限制 | 启用自动中央控制切换和温度限制功能。 |
| | <ul style="list-style-type: none"> 选择是否使用风门开度计算公式 |

| | |
|------------|--|
| 使用风门开度计算公式 | <ul style="list-style-type: none"> 设定风门开度后，其工作方式为 OA=EA 和 OA+MIX=90 |
| 舒适季节设置 | 舒适计算的冬季/夏季设置 当设置夏季时，在低温下形成舒适环境 |

| | |
|-----------|-----------------|
| 能量目标管理 | 设定 |
| 时间表除外日期设置 | 设定 |
| 注册日程表除外设备 | 设定 |
| 备份设置数据 | 备份 应用到备份文件 |
| 系统重启 | 重启 |
| 发送安装状态 | 发出 |

| 类别 | 说明 |
|-----------|---|
| 能源目标量设定 | 用于能源管理的目标能源用量设置 (仪表盘) |
| 时间表除外日期设置 | 设定时间表设置的除外日期 |
| 注册日程表除外设备 | 提前在时间表设置中设定要除外的设备 |
| 设置数据备份 | <ul style="list-style-type: none"> 备份：将数据备份到 PC (在 AC Smart 5 设备中，它存储在 USB 中。) 备份文件应用：使用存储在 PC 中的备份文件恢复数据 |
| 系统重启 | 重启整个系统 |
| 发送安装状态 | 将安装状态保存到 PC (在 AC Smart 5 设备中，它存储在 USB 中。) |

| | | | | |
|-------------------------------|---|-------------------------------------|--------|--------|
| 系统时间 | 2018-06-18 13:02 | | | |
| 日期设置 | 2018-06-18 ▼ | | | |
| 时间设置 | 12 ▲▼ | 59 ▲▼ | | |
| 如果更改系统日期或时间，系统将重新启动，并且需要重新登录。 | | | | |
| 夏令时 | <input type="radio"/> 设定 | <input checked="" type="radio"/> 取消 | | |
| 开始日期 | 1月 ▼ | 第一 ▼ | 星期一天 ▼ | 1:00 ▼ |
| 结束日期 | 1月 ▼ | 第一 ▼ | 星期一天 ▼ | 1:00 ▼ |
| 版本 | Ver.1.40.0 Copyright © 2015 - 2018 LG Electronics Inc. All right reserved. | | | |

| 类别 | 说明 |
|-------|-------------------------|
| 系统时间 | 检查系统时间 |
| 日期设置 | 您可以设定日期。 |
| 时间设置 | 您可以设定时间。 |
| 夏令时设置 | 夏令时 (夏季时间) 开始和结束日期设置/取消 |
| 版本 | 您可以检查版本。 |

3. 设置完成后，单击 [应用] 按钮。

- ➔ 设置除外日期
- ➔ 删除除外日期
- ➔ 注册时间表除外设备

注意

- 当系统时间或日期更改时，系统将会重启，您需要重新登录。

网络设置

您可以设定或更改网络信息。

- 在左侧菜单选项卡中，单击 [设置] > [网络设置] 菜单
 - 显示 网络设置界面。
- 设定网络信息。

取消 应用

IPv4 启用 设置 取消

IPv4 地址设置 自动 手动
如果设备被设为 DHCP，则无法修改 IP 地址。

IPv4 信息

IP 地址

子网掩码

基本网关

IPv6 启用 设置 取消

IPv6 地址设置 自动配置 DHCP 手动
如果设备被设为 DHCP，则无法修改 IP 地址。

IPv6 信息

IPv6 地址

IP 地址

子网前缀长度

DNS 设置 自动 手动

首选 DNS

备用 DNS

MAC 地址

MAC 地址

Web Port 设定

端口号

※ 无用端口是定义为公共端口的端口，或者被 AC Smart 5 使用的端口。

| 类别 | 说明 |
|-------------|--|
| IPv4 启用 | IPv4 使用地址 设定/取消 |
| IPv4 地址设置 | 查看 IPv4 地址设置 自动(DHCP)/手动 如果使用 自动(DHCP)，则可能会更改 IP 地址。因此，我们建议使用手动 IP 地址配置。 |
| IPv4 信息 | 检查 IPv4 地址 |
| IPv6 启用 | IPv6 使用地址 设定/取消 |
| IPv6 地址设置 | 查看 IPv6 地址设置 自动配置/DHCP/手动 如果使用 DHCP，则可能会更改 IP 地址。因此，我们建议使用自动或手动 IP 地址配置。 |
| IPv6 信息 | 检查 IPv6 地址 |
| DNS 设置 | [自动] ：自动设定首选 DNS 和备用 DNS [手动] ：用户设定首选 DNS 和备用 DNS |
| MAC 地址 | 检查 MAC 地址 |
| Web Port 设定 | 端口设置(范围：2~65535) |

注意

网络设置可以在设备中设置，只有某些设置可以在 Web 中更改。

AC Manager 5不支持IPv6功能。

- 设置完成后，单击 [应用] 按钮。

错误消息设置

您可以设定或更改错误消息。

- 在左侧菜单选项卡中，单击 [设置] > [错误消息设置] 菜单。
 - 显示 错误消息设置界面。
- 设定错误消息。

错误消息设置

取消 应用

电子邮件使用设置 设定 取消

电子邮件标题

接收电子邮件地址

出现错误时的发送周期

出现错误时的重复发送 一次 重复

每日错误邮件自动通知 设定 取消

| 类别 | 说明 |
|------------|--|
| 电子邮件使用设置 | 设定/取消选择是否通过电子邮件发送出错设备的地址和错误代码 |
| 电子邮件标题 | 电子邮件标题设置 |
| 接收电子邮件地址 | 输入接收电子邮件地址 |
| 出现错误时的发送周期 | 设置出错时的传输周期 (10/20/30/40/50/60 分钟) |
| 出现错误时的重复发送 | 一次：当出现错误时发出一条相同的错误预警。 重复：每个周期重复发出相同的错误预警。 |
| 每日错误邮件自动通知 | 设置为每天 0:00 发送邮件，即使没有发生错误 |

- 要保存设定内容，单击 [应用] 按钮。

注意

在使用电子邮件设置之前，请检查以下类别。

- 应设置 [设置] > [网络设置] 的 DNS 服务器。
- 应设置 [设置] > [管理员设置] 的邮件服务器和发送电子邮件。

管理员设置

当用户以管理员权限登录时，可以设定或更改用户管理环境。

1. 在左侧菜单选项卡中，单击 [设置] > [管理员设置] 菜单。
 - 显示 管理员设置界面。您可以更改管理员信息或设定系统使用环境。

管理员设置

取消 应用

设定密码

当前密码

新密码

验证新密码

设定接收电子邮件

E-mail

※当您添加“新互锁控制”时，如果您选择发送带有输出条件的电子邮件，您可以接收互锁执行信息到设定的管理员电子邮件。

设定邮件服务器

连接测试

SMTP 服务器

端口

范围 2~65535

※ 编辑电子邮件服务器设置或传入/传出电子邮件设置时，您不能执行[连接测试]。单击[应用]按钮保存更改，然后重试。

※ 要在电子邮件服务器设置中执行[测试连接]或透过中央控制器接收/发送电子邮件，您首先需要设置[网络设置] > [DNS 设置]。

设定发送电子邮件

ID

密码

※ 您需要保存连接测试成功的邮件服务器 (SMTP 服务器) ID 和密码，以便通过该邮件服务器发送电子邮件。

设定菜单

仪表盘

控制

设备控制 时间表控制 互锁 持续运行时间限制

能源

能量使用 能量导航 峰值/需量控制

历史记录

运行历史 能源导航历史 运行趋势 循环

设定

安装 组设置 系统设置 网络设置

错误消息设置 管理员设置 其他用户设置

| 类别 | 说明 |
|----------|--|
| 设定密码 | 设定登录时使用的密码 <ul style="list-style-type: none"> • 当前密码：输入目前使用的登录密码 • 新密码：输入新密码 • 新密码验证：再次输入同一个新密码 |
| 设定接收电子邮件 | 输入电子邮件地址 |
| 设定邮件服务器 | 管理员邮件服务器设置 <ul style="list-style-type: none"> • SMTP 服务器：输入 SMTP 服务器地址 • 端口：输入端口号 • 连接测试：输入邮件账号测试（应连接网络） |
| 设定发送电子邮件 | <ul style="list-style-type: none"> • ID：输入用户 ID • 密码：输入用户密码 |
| 设定菜单 | 单击复选框选择需要的管理员菜单（您可以多选） <ul style="list-style-type: none"> • 仪表盘 • 控制：设备控制、时间表控制、互锁、持续运行时间限制 • 能源：能源用量、能源导航、峰值/需量控制 • 历史记录：运行历史、能源导航历史、运行趋势、系统信息 • 设定：安装、组设置、系统设置、网络设置、错误消息设置、管理员设置、其他用户设置 |

2. 要保存设定内容，单击 [应用] 按钮。

其他用户设置

当您以管理员权限登录后，您可以管理其他用户列表。

- 在左侧菜单选项卡中，单击 [设置] > [其他用户设置] 菜单。
 - 显示 其他用户设置界面。您可以添加用户，以及编辑或删除已注册的用户信息。



添加用户

您可以添加备用管理员和一般用户。

- 在左侧菜单选项卡中，单击 [设置] > [其他用户设置] 菜单。
 - 显示 其他用户设置界面。
- 单击 [添加用户] 按钮。
 - 显示 添加用户界面。
- 设定每个类别。



| 类别 | 说明 |
|------|---|
| 信息 | [用户权限] <ul style="list-style-type: none"> 备用管理员：提供指定权限的菜单 一般用户：仅提供室内机简单控制 |
| 设定密码 | [ID] ：输入要使用的 ID [密码] ：输入要使用的密码 [验证密码] ：再次输入要使用的密码 |
| 组权限 | 指定其他用户的组权限 <ul style="list-style-type: none"> 组选定之后只能控制相应的组 |
| 菜单权限 | 指定其他用户使用的菜单权限 <ul style="list-style-type: none"> 对于一般用户，仅指定了 [控制]-[设备控制]、[设置]-[其他用户设置] 菜单项 |

- 设置完成后，单击 [应用] 按钮。

删除用户

您可以删除注册的用户。

1. 在左侧菜单选项卡中，单击 [设置] > [其他用户设置] 菜单。

- 显示 其他用户设置界面。

2. 单击要删除用户的 [删除] 按钮。

- 显示 Delete user (删除用户) 界面。

3. 单击 [是] 按钮

屏幕设置

您可以设置与产品屏幕相关的使用环境。

1. 在左侧菜单选项卡中，单击 [设置] > [屏幕设置] 菜单。
 - 屏幕设置的界面显示。
2. 设置屏幕信息。



| 类别 | 说明 |
|----------|--|
| 屏幕保护程序设置 | <ul style="list-style-type: none">• 使用显示器关闭功能：使用显示器关闭功能 设定/取消• 显示器关闭待机时间 (分钟)：设置直到显示器关闭的待机时间 (10/20/30/40/50/60 分钟) |

3. 设置完成后，单击 [应用] 按钮。

高级设置

您可以设置设备运行所需的功能。

1. 在左侧菜单选项卡中，单击 [设置] > [高级设置] 菜单。

- 显示高级设置界面。高级设置

高级设置
取消 应用

设置所连接的设备

程序监控 设定 取消

程序控制 设定 取消

辅机控制器 设定 取消

辅机控制器锁 设定 取消

配置 DI1 端口正常状态 断开 接通

不同的

0.5 ▼

室外机回油运行

设定 取消

每天 1 ▲ ▼ 点钟

| 类别 | 说明 |
|---------|--|
| 接口设备设置 | <ul style="list-style-type: none"> 室外机系统监测：设置是否使用系统信息监控 室外机系统控制：设置是否运行系统控制 从控制器：设置是否可以控制从控制器 从控制器锁：设置是否可以对所有锁定的室内机进行从控制器控制（使用：从控制器无法控制） 配置 DI1 端口正常状态：配置 DI1 端口的正常状态。 |
| 温差设置 | 按 [▼] 按钮设置自动切换运行的温差 |
| 室外机回油运行 | 设置是否运行室外机回油运行 按 [▲]/[▼] 按钮设置室外机回油运行时间 |

2. 要保存设定内容，单击 [应用] 按钮。

TMS设置

您可以设置远程管理系统的远程服务。

- 在左侧菜单选项卡中，单击 [设置] > [TMS设置] 菜单。
 - 显示 TMS设置界面。

TMS设置
取消 应用

TMS配置

 设定
 取消

TMS服务器信息

TMS服务器地址

TMS服务器端口

更新程序 (秒) ▼

加速室外机循环监控 设定 取消

在与专业TMS工程师核实后，应设置加速室外机循环监控。

项目信息

项目地址

项目名称

项目编码

| 类别 | 说明 |
|--------|--|
| 远程服务设置 | 设置是否使用远程服务 |
| 远程服务信息 | <ul style="list-style-type: none"> 服务的服务器地址：输入远程服务的服务器地址 服务的服务器端口：输入远程服务的服务器端口编号 更新周期(秒)：按 [▼] 按钮选择远程服务更新周期 10 / 30 / 60 / 90 / 120 秒 加速室外机系统监控：设置是否加速室外机的系统监控 |
| 项目信息 | <ul style="list-style-type: none"> 项目地址：远程站点地址输入 项目名称：输入远程站点名称 项目编码：按 [申请项目编码] 按钮以输入站点编码 |

- 要保存设定内容，单击 [应用] 按钮。

BACnet/Modbus 设置

BTL 认证指南

您需要将 BACnet 设置为 C 类，以使设备使用 BTL 验证的功能运行。

存在 BACnet A/B 类是为了保持与现有产品的兼容性。如果将 BACnet 设置为 A/B 类，设备可能会使用未经 BTL 验证的功能，使它们的运行方式与标准不同。

根据 BACnet 类型的操作方法

- A 类：将创建多个设备，并且对象包含在每个机器的设备中。多个设备使用相同的 MAC 地址响应其物理地址。
- B 类：将创建多个设备，并且对象包含在每个机器的设备中。设备以唯一的物理地址响应。
- C 类：只创建一个设备，包括所有对象。

※ 注意：如果更改类型，可能会更改设备编号，因此必须使用 BMS 执行其他工程设计。

您可以更改 BACnet/Modbus 设置。

1. 在左侧菜单选项卡中，单击 [设置] > [BACnet/Modbus 设置] 菜单。

- BACnet/Modbus 设置的界面显示。

2. 设置 BACnet/Modbus 信息。

BACnet/Modbus 设置
取消 应用

BACnet 启用 设定 取消

温度单位设置 °C °F

设备 ID 设置

Network Number 设置

注册为外部设备 设定 取消

IP

端口

TTL

仅监视设置 设定 取消

BACnet 端口设置

BACnet 类型设置 A 型 B 型 C 型

时间同步设置 设定 取消

Modbus TCP 启用 设定 取消

Vnet 编号设置

| 类别 | 说明 |
|-----------|---|
| BACnet 启用 | BACnet 启用 [设定/取消] |
| 温度单位设置 | 选择温度单位类型 (°C/°F) |
| 设备 ID 设置 | 指定设备实例编号的设备 ID 设置 <ul style="list-style-type: none"> • 空调：设备编号 • ERV：设备 ID + 1 • AHU：设备 ID + 2 • 室外机系统信息：设备 ID + 3 • Heating：设备 ID + 4 • 正常：设备 ID + 5 |
| | Network Number 设置 |

| | |
|-------------------|--|
| Network Number 设置 | |
| 注册为外部设备 | 外部设备 [设定/取消] |
| 仅监控设置 | 仅监控 [设定/取消] |
| BACnet 端口设置 | BACnet 端口设置 |
| BACnet 类型设置 | BACnet 类型选择 (A/B/C) |
| 时间同步设置 | 时间同步 [设定/取消] |
| Modbus TCP 启用 | Modbus TCP 启用 [设定/取消] |
| Vnet 编号设置 | 使用 Modbus TCP 功能的 Vnet 编号设置 设置 Vnet 编号值作为 Modbus TCP 的从 ID 地址运行 |

3. 设置完成后, 单击 [应用] 按钮。



使用 (手机、平板)

- 登录/退出
- 仪表板
- 设备控制
- 时间表控制

您可以使用英特网地址窗口中的 IP 地址访问该产品，以使用各种中央控制功能。

注意

- 对于 web 控件，建议使用 Chrome 浏览器浏览。
- 要访问 Web，需要设定 IP 地址。

登录

登录方法如下。

1. 请在英特网地址窗口中输入产品的 IP 地址。
2. 在登录窗口中输入 ID 和密码，并单击 [登录] 按钮。

注销

退出方法如下。

1. 在菜单中，单击 [注销] 按钮。



您可以检查产品中所安装设备的当前运行状态和能源使用趋势。

运行状态

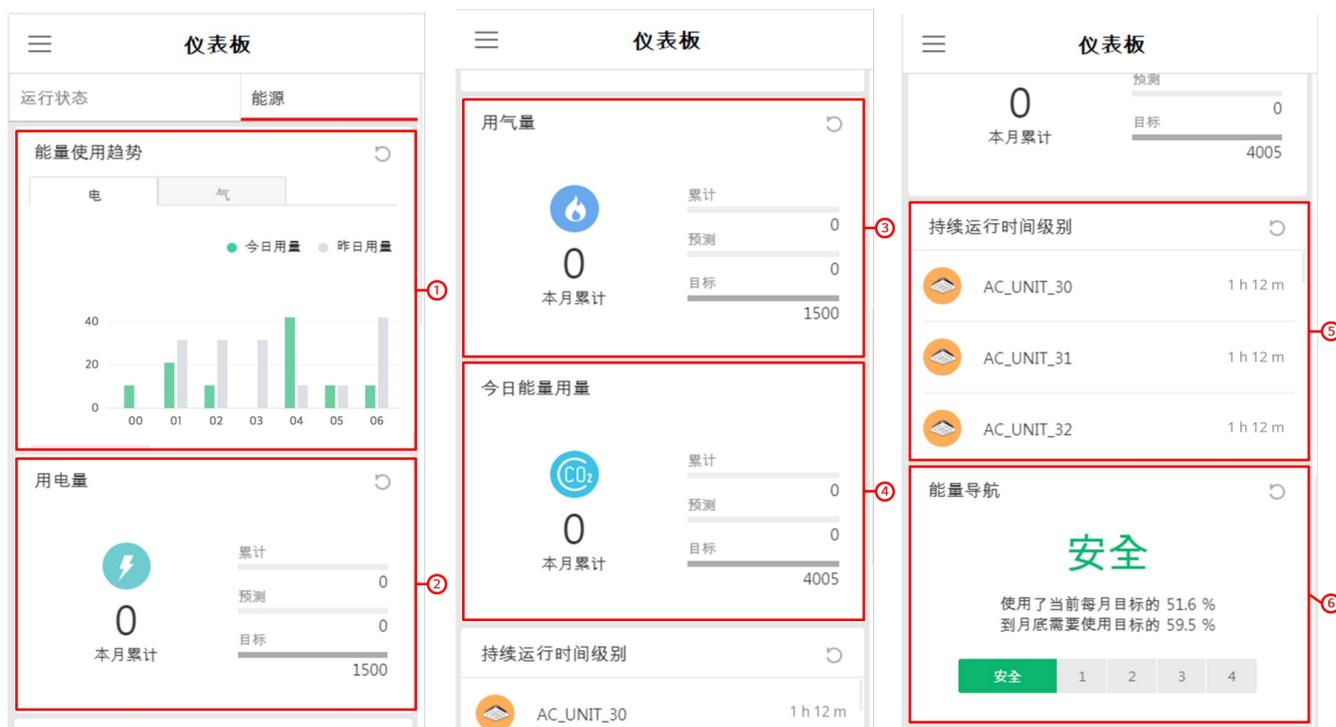
说明仪表板“当前运行状态”选项卡构成和功能。



| 编号 | 类别 | 内容 |
|----|-------|--|
| ① | 运行状态 | 查看产品中已安装设备的运行状态(开/关/错误) [组群] • 检查由用户指定的每个管理组的运行状态 [设备] • 检查每个设备的运行状态 |
| ② | 环境状态 | 检查平均室内温度、最高/最低 室内温度和组 |
| ③ | 今日时间表 | 检查今日时间表列表 |
| ④ | 互锁 | 检查互锁列表 |

能源

说明仪表板“能源”选项卡构成和功能。



| 编号 | 类别 | 内容 |
|----|--------|----------------------|
| ① | 能量使用趋势 | 检查每天、每月和每年的用电量/用气量趋势 |
| ② | 用电量 | 检查累计、预估和目标用电量 |
| ③ | 用气量 | 检查累计、预估和目标用气量 |
| ④ | 今日能量用量 | 检查累计、预估和目标综合能源使用量 |

| | | |
|---|----------|----------------|
| ⑤ | 持续运行时间级别 | 检查室内机的持续运行时间排序 |
| ⑥ | 能量导航 | 查看能源导航状态 |

环境状态

介绍了仪表板环境状态标签的组成和功能



| 编号 | 类别 | 内容 |
|----|--------------------|---|
| ① | CO ₂ 监测 | 检查已注册ERV的 CO ₂ 状态 |
| ② | 舒适度监测 | 查看已注册室内机的舒适度状态 |
| ③ | 微尘监测 | 查看已注册室内机, 空气净化器的微尘状态 微尘分为 PM10、PM2.5 和 PM1.0, 它表明每种状态和浓度 |



设备控制

说明控制设备及监测设备状态的方法。

[画面]

- 画面结构和功能

[控制窗口]

- 每个设备的控制
- 设备信息

画面结构和功能

1. 在左侧菜单选项卡中，单击 [控制] > [设备控制] 菜单。
 - 显示设备控制界面。



| 编号 | 类别 | 内容 |
|----|-----|--------------|
| ① | 组信息 | 组名称和组位置 |
| ② | 筛选 | 设备类别筛选 |
| ③ | 多选 | 单击后可选择多个设备 |
| ④ | 设备区 | 检查在组中设定的设备信息 |

每个设备的控制

在设备区中选择了设备后，会生成一个如下图所示的控制窗口。通过此控制窗口，您可以控制所选的设备。



注意

- 每个设备的详细控制范围与实际设备会有不同，因此务必参考相应设备的手册。
- 冷水机接口是一项可选功能，您需要单独购买冷水机专用选配组件。
- ACS I/O 设备根据设置会有不同的控制工具名称、单位、上限、下限等。

每个设备的具体控制

- 室外机
- 室内机
 - 室内机 (2Set)
- ERV
- ERV DX
- Heating
- AHU
- 涡旋式冷水机
- 螺杆式冷水机
- 离心式冷水机
- 吸收式冷水机
- DOKIT
- DO
- AO
- 空气净化器

室外机



| 类别 | 内容 |
|-----------------|--|
| 室外机容量控制 | <ul style="list-style-type: none"> 按 [▼] 按钮设置功率控制运行率 (%) |
| 智能负载控制 (SLC) 设置 | <ul style="list-style-type: none"> 按 [▲]/[▼] 按钮设置智能加载控制等级(0 等级、1 等级、2 等级、3 等级、4 等级) |
| 低噪音模式 | <ul style="list-style-type: none"> [设定/取消] 按钮：室外机低噪音运行设置/取消 |
| 除霜模式 | <ul style="list-style-type: none"> 按 [▲]/[▼] 按钮设置室外机除霜模式等级(0 等级、1 等级、2 等级、3 等级) |
| ODU 制冷剂噪音降低设置 | <ul style="list-style-type: none"> 按 [▲]/[▼] 按钮设置室外机制冷剂降噪等级(0 等级、1 等级、2 等级) |

注意

在中央控制器中，如果使用“室外机低噪音运行”，则在已安装的室内机线控器中，您需要设置 [安装程序设置] > [低噪音模式] 为“ODU”。

室内机

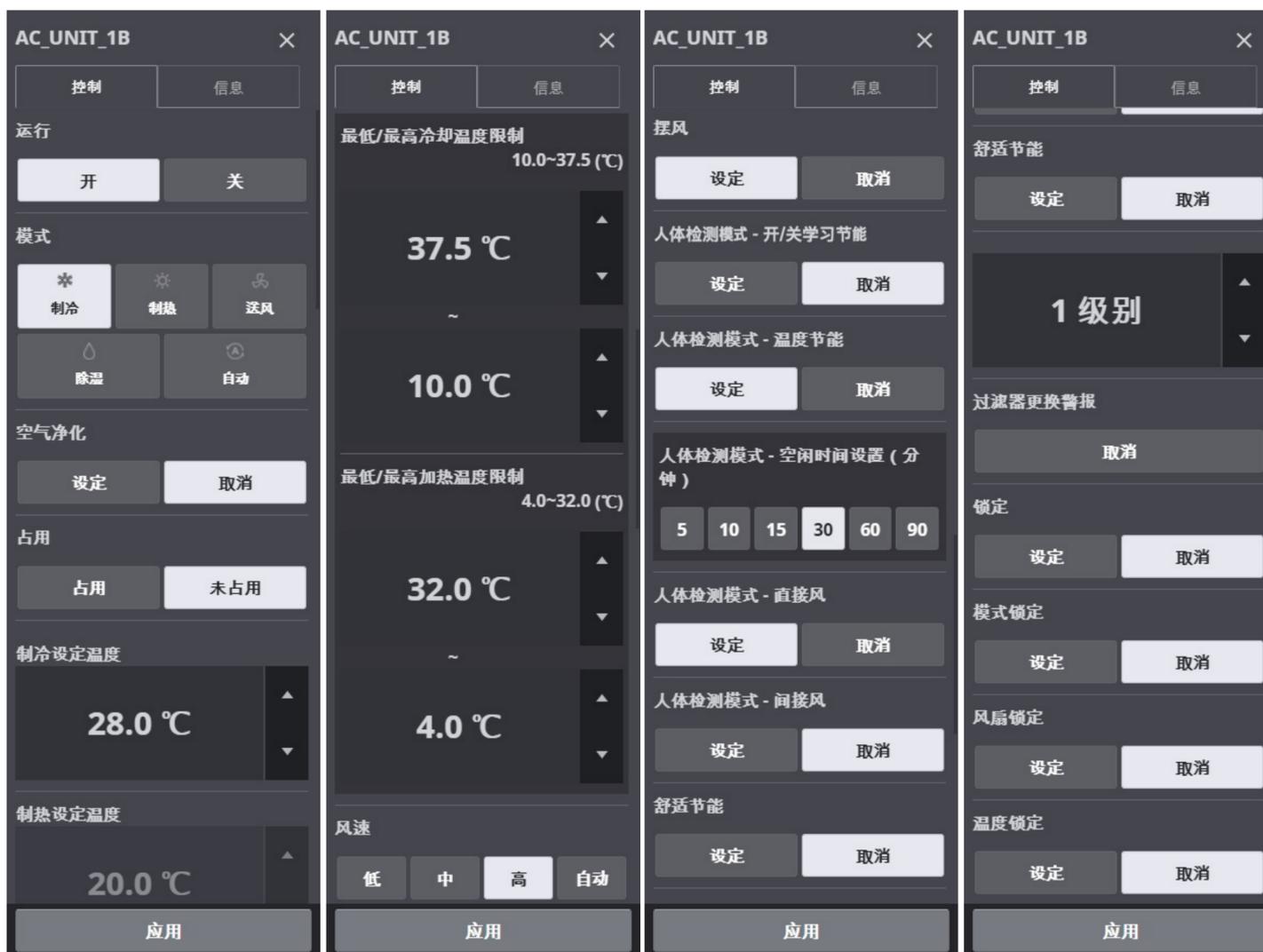


| 类别 | 内容 |
|----------------------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮：切换到制冷模式 [制热] 按钮：切换到制热模式 [送风] 按钮：切换至送风模式。选择送风时，设定温度不会应用到设备 [除湿] 按钮：在雨季或空气湿度较高时去除湿气。选择 Dehumidification (除湿) 时，设定温度不会应用到设备 [自动] 按钮：切换到自动模式 |
| 空气净化 | <p>空气净化控制只用于支持室内机的空气净化功能</p> <ul style="list-style-type: none"> 空气净化单运行 <ol style="list-style-type: none"> 室内机停止状态下，如果空气净化为 [设定]，则空气净化仅伴随着送风(自动风)单运行(在空气净化单运行期间，模式锁和风量锁未被选择) 在空气净化单运行期间，如果运行状态为 [关] 或空气净化状态为 [取消]，则空气净化被恢复到先前的模式和先前的风量(但在同时使用模式或风量控制时，采用已控制的模式和风量进行控制) 空气净化附加运行 <ol style="list-style-type: none"> 室内机停止状态下，如果运行状态为 [开] 而且空气净化为 [设定]，则在当前模式下附加运行空气净化 室内机运行状态下，如果空气净化状态为 [设定]，则在当前模式下附加运行空气净化 附加运行空气净化期间，如果运行状态为 [关]，则运行停止 附加运行空气净化期间，如果空气净化为 [取消]，则空气净化被取消 |
| 设定温度 | 按 [▲]/[▼] 按钮设定所需温度 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> [低] 按钮：将风速设定为慢速 [中] 按钮：将风速设定为正常 [高] 按钮：将风速设定为快速 [自动] 按钮：[低]-[中]-[高] 自动切换 |
| 摆风 | <ul style="list-style-type: none"> [设定/取消] 按钮：启动/停止风扇的自动旋转功能 |
| 设置温度范围 | 当用户单独设定所需温度时，所需温度不能设定到指定温度范围之外 |
| 人体检测模式 - 开/关节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 开/关节能设置/取消 |
| 人体检测模式 - 温度节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 温度节能设置/取消 |
| 人体检测模式 - 空闲时间设置 (分钟) | <p>仅用于支持室内机的人体感测，人体感测控制</p> <p>将空决策时间设置为 5、10、15、30、60 或 90 分钟。</p> |
| 人体检测模式 - 直接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 直接风设置/取消 |
| 人体检测模式 - 间接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 间接风设置/取消 |
| 舒适节能 | <ul style="list-style-type: none"> [设定/取消] 按钮：舒适节能功能设置/取消 可以按 [▲]/[▼] 按钮设置等级 <p>仅当室内机处于制冷运行时，才可能有舒适节能控制</p> |
| 滤网更换报警 | <ul style="list-style-type: none"> [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |

| | |
|----------|---|
| 自动模式转换 | 当室内温度超过上限温度时，则自动切换到制冷运行；如果低于下限温度，则自动切换到制热运行；如果在上限温度和下限之间，则仅送风运行(仅支持具有同时制冷/制热功能的室外机) • [设定/取消] 按钮：设定/取消自动模式转换 |
| 下限/上限温度 | 自动模式转换下限温度和上限温度设置 |
| 自动模式下的风速 | 选择自动模式转换运行过程中室内机的设定风速值 • [低] 按钮：将风速设定为慢速 • [中] 按钮：将风速设定为正常 • [高] 按钮：将风速设定为快速 • [自动] 按钮： [低]-[中]-[高] 自动切换 |
| 维持 | 将设备安装所在位置的温度维持在特定范围之内的功能（仅支持热回收室外机） • [设定/取消] 按钮：设定/取消维持 |
| 开始制冷 | 按 [▲]/[▼] 按钮设定制冷运行开始温度(21°C~40°C) |
| 开设制热 | 按 [▲]/[▼] 按钮设定制热运行开始温度(1°C~20°C) |

室内机 (2Set)

当在 [设置] > [安装] 下使用了支持室外机/室内机/线控器的 2Set 功能时，如果 ACP 的 2Set 自动模式被选择为 室内机，则室内机的 2Set 控制窗口就出现在下列屏幕的左侧。



| 类别 | 内容 |
|----------------------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮：切换到制冷模式 [制热] 按钮：切换到制热模式 [送风] 按钮：切换至送风模式。选择 送风时，设定温度不会应用到设备 [除湿] 按钮：在雨季或空气湿度较高时去除湿气。选择 Dehumidification (除湿) 时，设定温度不会应用到设备 [自动] 按钮：切换到自动模式 |
| 空气净化 | <p>空气净化控制只用于支持室内机的空气净化功能</p> <ul style="list-style-type: none"> 空气净化单运行 <ol style="list-style-type: none"> 室内机停止状态下，如果空气净化为 [设定]，则空气净化仅伴随着送风(自动风)单运行(在空气净化单运行期间，模式锁和风量锁未被选择) 在空气净化单运行期间，如果运行状态为 [关] 或空气净化状态为 [取消]，则空气净化被恢复到先前的模式和先前的风量(但在同时使用模式或风量控制时，采用已控制的模式和风量进行控制) 空气净化附加运行 <ol style="list-style-type: none"> 室内机停止状态下，如果运行状态为 [开] 而且空气净化为 [设定]，则在当前模式下附加运行空气净化 室内机运行状态下，如果空气净化状态为 [设定]，则在当前模式下附加运行空气净化 附加运行空气净化期间，如果运行状态为 [关]，则运行停止 附加运行空气净化期间，如果空气净化为 [取消]，则空气净化被取消 |
| 占用状态 | <p>设置安装室内机的空间为已占用或空的功能</p> <ul style="list-style-type: none"> [占用] 按钮：已占用设置 [未占用] 按钮：空设置 |
| 制冷设置温度 | 按 [▲]/[▼] 按钮设置制冷设置温度 |
| 制热设置温度 | 按 [▲]/[▼] 按钮设置制热设置温度 |
| 制冷下限/上限温度 | 制冷下限温度和上限温度设置 |
| 制热下限/上限温度 | 制热下限温度和上限温度设置 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> [低] 按钮：将风速设定为慢速 [中] 按钮：将风速设定为正常 [高] 按钮：将风速设定为快速 [自动] 按钮：[低]-[中]-[高] 自动切换 |
| 摆风 | <ul style="list-style-type: none"> [设定/取消] 按钮：启动/停止风扇的自动旋转功能 |
| 人体检测模式 - 开/关节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 开/关节能设置/取消 |
| 人体检测模式 - 温度节能 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 温度节能设置/取消 |
| 人体检测模式 - 空闲时间设置 (分钟) | <p>仅用于支持室内机的人体感测，人体感测控制</p> <p>将空决策时间设置为 5、10、15、30、60 或 90 分钟。</p> |
| 人体检测模式 - 直接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 直接风设置/取消 |
| 人体检测模式 - 间接风 | <p>仅用于支持室内机的人体感测，人体感测控制</p> <ul style="list-style-type: none"> [设定/取消] 按钮：人体检测模式 - 间接风设置/取消 |
| | <ul style="list-style-type: none"> [设定/取消] 按钮：舒适节能功能设置/取消 |

| | |
|--------|--|
| 舒适节能 | <ul style="list-style-type: none"> 可以按 [▲]/[▼] 按钮设置等级 仅当室内机处于制冷运行时，才可能有舒适节能控制 |
| 滤网更换报警 | <ul style="list-style-type: none"> [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |

注意

2set 自动模式

- 仅当室内/外机支持2Set自动模式时，相应的功能才能被使用。（有关每个设备是否支持 2Set，请参考相应设备的手册。）
- 超控是一种可以从线控器设置的功能。有关超控功能的相关内容，请参考线控器手册。
- 在 2Set 自动模式下，连同自动图标、产品实际运行模式（制冷、制热）状态一起显示。

占用状态

- 如果占用状态传感器与室内机相连，则中央控制的设置优先于相应的占用状态传感器。有关占用状态传感器的相关内容，请参考室内机或干节点的手册。
- 当已占用设置被改变时，自动设置制冷设定温度和制热设定温度都是最近运行的时间表中的制冷设定温度和制热设定温度，并且，如果没有以前运行的时间表，则它被设置到默认值。

(示例)

09:00 - 12:00: 已占用 / 制冷设定温度 27°C / 制热设定温度 18°C

12:00 - 13:00: 已占用 / 制冷设定温度 29°C / 制热设定温度 16°C

13:00 - 15:00: 已占用 / 制冷设定温度 26°C / 制热设定温度 19°C

如果在 15:00 以后没有时间表为空，则制冷设定温度为 29°C，制热设定温度为 16°C；并且，如果已占用，则制冷设定温度变为成 26°C，并且制热设定温度变为成 19°C。



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [正常] 按钮：不经过换热器对排出的空气进行通风 • [换热器] 按钮：通过换热器对送风/排风进行通风 • [自动] 按钮：切换到自动模式 |
| 风速 | <p>设置送风风速</p> <ul style="list-style-type: none"> • [低] 按钮：将风速设定为慢速 • [高] 按钮：将风速设定为快速 • [超强] 按钮：将风速设为最高速度 • [自动] 按钮：[低]-[高]-[超强] 自动切换 <ul style="list-style-type: none"> - 用户无法设置 - 当设定“节电/快速”后，[自动] 风速被选中 - 当清除“节电/快速”后，[高] 风速被选中 - 在[自动] 运行过程中，当选择了 [低]/[高]/[超强] 时，运行中的“节电/快速”功能会被清除 |
| 滤网更换报警 | <ul style="list-style-type: none"> • [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 附加功能 | <ul style="list-style-type: none"> • 快速 [设定/取消] 按钮：设定/取消 快速功能（选择“快速”功能时，节能功能会被清除） • 节电 [设定/取消] 按钮：设定/取消节能功能（选择节能功能时，“快速”功能会被清除） • 加热器 [设定/取消] 按钮：设定/取消加热器功能 |
| 夜间风冷 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设置/清除夜间风冷功能，即：夜间室外温度低于基准温度时室外机制冷 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |

ERV DX



| 类别 | 内容 |
|--------|---|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [正常] 按钮：不经过换热器对排出的空气进行通风 • [换热器] 按钮：通过换热器对送风/排风进行通风 • [自动] 按钮：切换到自动模式 |
| 设定温度 | 按 [▲]/[▼] 按钮设定所需温度 |
| 风速 | 设置送风风速 <ul style="list-style-type: none"> • [低] 按钮：将风速设定为慢速 • [高] 按钮：将风速设定为快速 • [超强] 按钮：将风速设为最高速度 • [自动] 按钮：[低]-[高]-[超强] 自动切换 <ul style="list-style-type: none"> - 用户无法设置 - 当设定“节电/快速”后，[自动] 风速被选中 - 当清除“节电/快速”后，[高] 风速被选中 - 在[自动] 运行过程中，当选择了 [低]/[高]/[超强] 时，运行中的“节电/快速”功能会被清除 |
| 联动空调 | <ul style="list-style-type: none"> • [制冷] 按钮：在制冷模式下运行ERV DX • [自动] 按钮：在自动模式下运行ERV DX • [制热] 按钮：在制热模式下运行ERV DX • [关] 按钮：停止ERV DX的空调功能 |
| 设置温度范围 | 当用户单独设定所需温度时，所需温度不能设定到指定温度范围之外 |
| 滤网更换报警 | <ul style="list-style-type: none"> • [取消] 按钮：如果滤网清洗提示，它将取消滤网清洗提示 |
| 附加功能 | <ul style="list-style-type: none"> • 快速 [设定/取消] 按钮：设定/取消快速功能（选择“快速”功能时，节能功能会被清除） • 节电 [设定/取消] 按钮：设定/取消节能功能（选择节能功能时，“快速”功能会被清除） • 加热器 [设定/取消] 按钮：设定/取消加热器功能 • 加湿 [设定] 按钮：设定加湿功能（仅用于空调制热模式） |
| 夜间风冷 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设置/清除夜间风冷功能，即：夜间室外温度低于基准温度时室外机制冷 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器控制任何功能 |
| 模式锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制模式设置 |
| 风速锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制风速设置 |
| 温度锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消锁定，这样用户就无法使用单独的线控器来控制温度设置 |
| 夜间风冷锁 | <ul style="list-style-type: none"> • [设定/取消] 按钮：在线控器上设置/清除夜间风冷定时 |

Heating



| 类别 | 内容 |
|-----------------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | <ul style="list-style-type: none"> • [制冷] 按钮：切换到制冷模式 • [制热] 按钮：切换到制热模式 • [自动] 按钮：切换到自动模式 |
| 进风（水）温度/出风（水）温度 | 按 [▲]/[▼] 按钮设定进风（水）温度/出风（水）温度 显示取决于 [设置]-[设备设置] 中选择的设定温度 <ul style="list-style-type: none"> • 选择 [进水/出水] 时，显示为进水温度/出水温度 • 选择 [室内] 时，显示为空气温度 |
| 热水 | <ul style="list-style-type: none"> • [开] 按钮：开始热水运行 <ul style="list-style-type: none"> - 如果当设备处于自动/制冷模式时运行热水功能，内容显示区的图标中就会显示相应模式和热水 - 如果设备停止时运行热水功能，内容显示区中的此图标就会被启用并显示热水 • [关] 按钮：停止热水运行 |
| 热水温度 | 按 [▲]/[▼] 按钮设定热水温度 |
| 锁定 | <ul style="list-style-type: none"> • [设定/取消] 按钮：设定/取消 锁定，这样用户就无法使用单独的线控器控制任何功能 |

AHU



| 类别 | 内容 |
|--------------------|--|
| 查看详情 | 按 [查看详情] 按钮查看详情信息(但, 不包括手机) |
| 运行 | <ul style="list-style-type: none"> [开] 按钮: 开始设备运行 [关] 按钮: 停止设备运行 |
| 模式 | <ul style="list-style-type: none"> [制冷] 按钮: 切换到制冷模式 [制热] 按钮: 切换到制热模式 [送风] 按钮: 切换至送风模式。选择 送风时, 您不能设定温度 [除湿] 按钮: 在雨季或空气湿度较高时去除湿气。选择 除湿时, 您不能设定温度 [节电] 按钮: 此运行能找到通风系统效率最佳的运行点以降低能耗。它通过提供大于送风风速的排风风速来顺利排出被污染的室内空气 |
| 设定温度 | 按 [▲]/[▼] 按钮设定温度 |
| 风扇控制标准 | <ul style="list-style-type: none"> [风速] 按钮: 根据风速状态控制风扇 [温度] 按钮: 根据温度状态控制风扇 [压力] 按钮: 根据定压状态控制风扇 |
| 风速 | 它只有在风扇控制标准为风速时出现 <ul style="list-style-type: none"> [低] 按钮: 将风速设定为慢速 [中] 按钮: 将风速设定为正常 [高] 按钮: 将风速设定为快速 |
| 自动通风 | 它只有在 AHU 设备注册过程中在 附加功能中选择了“自动通风”或“自动通风/加湿”时才会出现 <ul style="list-style-type: none"> 自动通风 [设定/取消] 按钮: 启动/停止自动通风 |
| 设定 CO ₂ | 只有设定了自动通风功能时它才能被启用 按 [▲]/[▼] 按钮以 100ppm 为单位在 100 ppm ~ 2 000 ppm 范围内设置。 |
| 加湿 | 它只有在 AHU 设备注册过程中在 附加功能中选择了“加湿”或“自动通风/加湿”时才会出现 <ul style="list-style-type: none"> 加湿 [设定/取消] 按钮: 启动/停止加湿功能 |
| 湿度 | 只有设定了除湿功能时它才能被启用 按 [▲]/[▼] 按钮设定目标湿度 |
| 风门开度 | <ul style="list-style-type: none"> 按 [OA 风门]: [▲]/[▼] 按钮以 1° 为单位设置室外新风风门的张开角度值(范围: 0° ~ 90°) 按 [MIX 风门]: [▲]/[▼] 按钮以 1° 为单位设置混风风门的张开角度值(范围: 0° ~ 90°) 按 [EA 风门]: [▲]/[▼] 按钮以 1° 为单位设置排风风门的张开角度值(范围: 0° ~ 90°) 当您设定[设置]-[系统设置]的 风门开度计算公式应用 为 设定时, 其运行方式为: OA风门 = EA风门, OA风门 = 混合风门 |
| 锁定 | <ul style="list-style-type: none"> [设定/取消] 按钮: 设定/取消 锁定, 这样用户就无法使用单独的线控器控制任何功能 |

详细查看 AHU

在 AHU 的控制界面中, 可以按 [查看详情] 按钮以查看详情信息。

Campus #1

设备错误 0 网络错误 0 帮助

设备控制

基本组 > Group

运行状态 12 6 ● 开 ● 关 ● 错误

EA 风门: 40° 温度 0.0°C 湿度 20.0% CO: 0ppm RA

RA 风门 30° 送风固定压力 0Pa 温度 30.0°C 湿度 40.0%

OA 风门 50° 温度 50.0°C 湿度 60.0%

SA 风门 50° 温度 70.0°C

MAHU_General

控制 信息

查看详情

运行

开 关

模式

制冷 制热 送风

除湿 节电

OA:30 MIX:60 EA:30

设定温度

20.0 °C

风扇控制标准

风扇 温度 压力

风速

低 中 高

应用

涡旋式冷水机



| 类别 | 内容 |
|------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | (仅当设备支持相应模式时出现) <ul style="list-style-type: none"> • [制冷] 按钮：切换到制冷模式 • [制热] 按钮：切换到制热模式 |
| 设定温度 | 设定室内机制冷/制热的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 需量控制 | 按 [▲]/[▼] 按钮设定需量限制比 |

螺杆式冷水机



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内制冷/制冰的压水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制冰模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 电机电流限制 | 按 [▲]/[▼] 按钮设定电机电流限制比 |

离心式冷水机



| 类别 | 内容 |
|--------|--|
| 运行 | <ul style="list-style-type: none"> [开] 按钮：开始设备运行 [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内制冷/制热/制冰的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热/制冰模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 电机电流限制 | 按 [▲]/[▼] 按钮设定电机电流限制比 |

吸收式冷水机



| 类别 | 内容 |
|-------|--|
| 运行 | <ul style="list-style-type: none"> • [开] 按钮：开始设备运行 • [关] 按钮：停止设备运行 |
| 模式 | 模式无法控制。控制被监测模式的设定温度 |
| 设定温度 | 设定室内机制冷/制热的循环水出水温度 按 [▲]/[▼] 按钮设定制冷模式和制热模式的温度 |
| 警报 | [取消] 按钮：冷水机发出警报时清除报警 |
| 控制阀上限 | 按 [▲]/[▼] 按钮设定控制阀上限比 |

DOKIT



| 类别 | 内容 |
|----|---|
| 运行 | <ul style="list-style-type: none">• [开] 按钮：开始设备运行• [关] 按钮：停止设备运行 |



DO



| 类别 | 内容 |
|----|---|
| 运行 | <ul style="list-style-type: none">• [接通] 按钮：短路信号输出• [断开] 按钮：开路信号输出 |



AO



| 类别 | 内容 |
|----|-------|
| 温度 | 设定温度值 |

注意

单位符号可能会根据设备注册期间的使用设置而改变。

设备信息

当您单击设备控制界面中的“设备信息”选项卡后，可以检查设备的信息。

您可以检查设备的基本信息、运行信息、时间表信息、错误信息和当天的历史记录。

The image displays five sequential screenshots of the AC_UNIT_00 control interface, each showing a different tab selected under the '信息' (Information) section. The interface is dark-themed with white text and icons.

- Screenshot 1: 基本信息 (Basic Information)**
 - 名称: AC_UNIT_00
 - 设备地址: 00
 - 组群: New group
 - 室外机: ODU[00]
 - 型号: AC
 - 容量: 3
- Screenshot 2: 运行 / 驱动信息 (Operation / Drive Information)**
 - 运行: 开
 - 模式: 自动
 - 当前温度: 23.0 °C
 - 设定温度: 23.0 °C
 - 风速: 高
 - 摆风: (partially visible)
- Screenshot 3: 时间表信息 (2) (Schedule Information (2))**

| 时间 | 说明 |
|-------|--------------|
| 10:00 | ON Schedule |
| 19:00 | OFF Schedule |
- Screenshot 4: 错误信息 (Error Information)**
 - 错误: 无错误
 - 错误代码: 0
 - 错误说明: 无错误
- Screenshot 5: 历史记录 (History Record)**

| 时间 | 内容 |
|---------------------|-----------------------------|
| 2018-07-31 PM 04:20 | 控制 模式: 自动 ACS |
| 2018-07-31 PM 04:20 | 控制 限制温度 (下限): 20°C by admin |
| 2018-07-31 PM 04:20 | 控制 限制温度 (上限): 28°C by admin |
| 2018-07-31 PM 04:20 | 控制 模式: 自动 by admin |



时间表控制

时间表功能，是指预先设定设备运行时间，以在一定时间内执行所预定的运行。当使用该功能时，可以有效地对设备进行实时管理，节能效果良好。

[时间表]

→ [检查时间表](#)

检查时间表

您可以查看所有设定的时间表。



当您单击 编辑图标时，您可以检查时间表的详细内容。



BACnet/Modbus Protocol

BTL 认证指南

您需要将 BACnet 设置为 C 类，以使设备使用 BTL 验证的功能运行。

存在 BACnet A/B 类是为了保持与现有产品的兼容性。如果将 BACnet 设置为 A/B 类，设备可能会使用未经 BTL 验证的功能，使它们的运行方式与标准不同。

有关 BACnet 类型设置，请转到 [\[使用 \(PC\)\] > \[BACnet/Modbus 设置\]](#) 菜单。

根据 BACnet 类型的操作方法

- A 类：将创建多个设备，并且对象包含在每个机器的设备中。多个设备使用相同的 MAC 地址响应其物理地址。
- B 类：将创建多个设备，并且对象包含在每个机器的设备中。设备以唯一的物理地址响应。
- C 类：只创建一个设备，包括所有对象。

※ 注意：如果更改类型，可能会更改设备编号，因此必须使用 BMS 执行其他工程设计。

AC Manager 5 can be linked with the BMS (Building Management System) that supports the BACnet IP/Modbus TCP protocol.

The functions that can be controlled or monitored by the BMS vary depending on the protocol.

[BACnet]

- Commission
- Object List
- BIBBs
- PICS

[Modbus]

- Commission
- Function code
- Register List

BACnet Commission

Commissioning is the process of verifying the subsystems to achieve the owner's project requirements as intended by the building owner and as designed by the building architects and engineers.

After AC Manager 5 installation, you can check the operation status of the device by using the web function before connection with the BMS system.

Creating of the Points. This is NOT to be done by LG since it is directly related to the BMS side. The BMS engineer is to carry out the engineering of the Point, however LG is responsible for providing the method of how the Points are calculated.

Precautions

- To use BACnet feature, you must select **[Settings] > [BACnet/Modbus Setting] > [BACnet enable]** as **Set**.
- In case of installing 2 or more AC Manager 5, you must change **[Settings] > [BACnet/Modbus Setting] > [Device ID Setting]** so that the Device IDs are not duplicate among AC Manager 5. It is recommended that you keep a difference of 10 or more for different Device IDs.
- If Device Discover doesn't work well, change **[Settings] > [BACnet/Modbus Setting] > [BACnet Type Setting]**.
- It is recommended that you request ReadProperty/WriteProperty at an interval of 200 ms or more for each property.
- It is recommended that you request ReadPropertyMultiple/WritePropertyMultiple at an interval of 500 ms or more for each property.
- SubscribeCOV can be registered up to 1024.
- If AC Manager 5 and BMS are located on different networks, BBMD (BACnet/IP Broadcast Management Device) is needed.
- As AC Manager 5 does not support the BBMD function, a separate BBMD is required. You can register AC Manager 5 as a foreign device in BBMD using **[Settings] > [BACnet/Modbus Setting] > [Register as Foreign Device]** function.

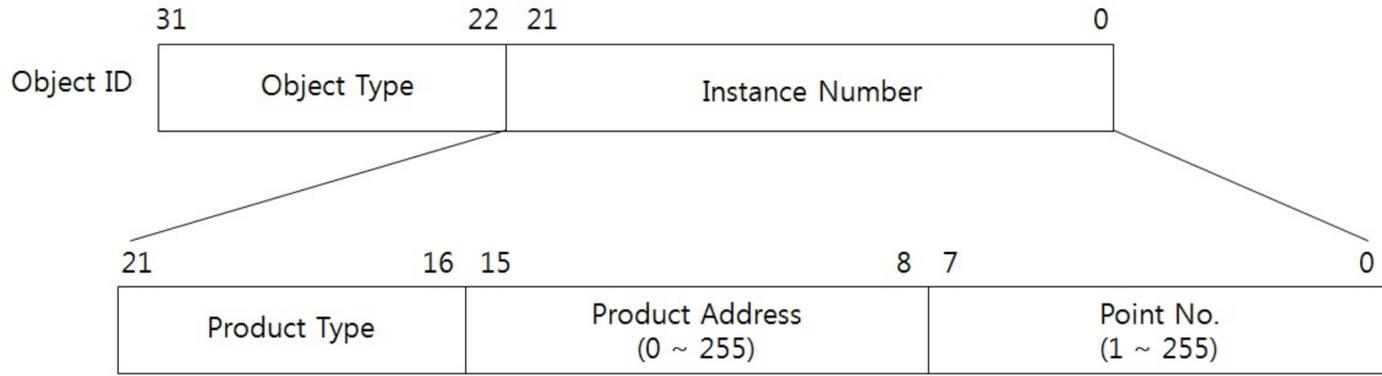
BACnet Object List

It describes the BACnet object list provided by AC Manager 5.

- Instance Number
- Indoor Unit Object List
- ERV Object List
- AHU Object List
- Outdoor Unit Object List
- Heating Object List
- General Object List

Definition of Instance Number

The instance number of each device is assigned as follows



Product Type (Indoor: 0, Vent: 1, AHU : 2, ODU : 3, AWHP : 4, General : 5)

Example of Instance Number

| Description | Product Type | Product Address | Point | Instance Number |
|---|--------------|-----------------|-------|-----------------|
| IDU Address 0x00, On/Off (Setting) | 0 | 0 | 1 | 1 |
| IDU Address 0x00, Operation Mode (Setting) | 0 | 0 | 7 | 7 |
| IDU Address 0x1B, On/Off (Setting) | 0 | 27 | 1 | 6913 |
| IDU Address 0x1B, Operation Mode (Setting) | 0 | 27 | 7 | 6919 |
| ERV Address 0x00, On/Off (Setting) | 1 | 0 | 1 | 65537 |
| ERV Address 0x00, Operation Mode (Setting) | 1 | 0 | 7 | 65543 |
| ERV Address 0x1B, On/Off (Setting) | 1 | 27 | 1 | 72449 |
| ERV Address 0x1B, Operation Mode (Setting) | 1 | 27 | 7 | 72455 |
| AHU Address 0x00, On/Off (Setting) | 2 | 0 | 1 | 131073 |
| AHU Address 0x00, Operation Mode (Setting) | 2 | 0 | 7 | 131079 |
| AHU Address 0x0F, On/Off (Setting) | 2 | 15 | 1 | 134913 |
| AHU Address 0x0F, Operation Mode (Setting) | 2 | 15 | 7 | 134919 |
| ODU Address 0x00, Compressor Operation | 3 | 0 | 1 | 196609 |
| ODU Address 0x00, Operation Mode | 3 | 0 | 14 | 196622 |
| ODU Address 0x0F, Compressor Operation | 3 | 15 | 1 | 200449 |
| ODU Address 0x0F, Operation Mode | 3 | 15 | 14 | 200462 |
| Heating Address 0x00, On/Off (Setting) | 4 | 0 | 1 | 262145 |
| Heating Address 0x00, Operation Mode (Setting) | 4 | 0 | 5 | 262149 |
| Heating Address 0x0F, On/Off (Setting) | 4 | 15 | 1 | 265985 |
| Heating Address 0x0F, Operation Mode (Setting) | 4 | 15 | 5 | 265989 |
| General Object, All Unit Run/Stop (Setting) | 5 | 0 | 1 | 327681 |
| General Object, All Unit Set Room Temperature (Setting) | 5 | 0 | 2 | 327682 |

Indoor Unit Object List

One Indoor unit has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|--|----------------------------------|-------------|----------|-------------------------------------|--------------|------------|----------|----------|----------|--------|
| 1 | On/Off (Setting) | StartStopCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | On/Off (Status) | StartStopStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 3 | Lock (Setting) | LockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Lock (Status) | LockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 5 | Filter Sign | FilterSign_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 6 | Filter Sign reset | FilterSignReset_XXX | BV | - | - | Reset (1) | - | - | - | - | - |
| 7 | Operation Mode (Setting) | AirConModeCommand_XXX | MO | - | - | Cool (1) | Dry (2) | Fan (3) | Auto (4) | Heat (5) | - |
| 8 | Operation Mode (Status) | AirConModeStatus_XXX | MI | - | - | Cool (1) | Dry (2) | Fan (3) | Auto (4) | Heat (5) | - |
| 9 | Swing (Setting) | SwingCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 10 | Swing (Status) | SwingStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 11 | Fan Speed (Setting) | FanSpeedCommand_XXX | MO | - | - | Low (1) | Middle (2) | High (3) | Auto (4) | - | - |
| 12 | Fan Speed (Status) | FanSpeedStatus_XXX | MI | - | - | Low (1) | Middle (2) | High (3) | Auto (4) | - | - |
| 13 | Set Room Temperature | SetRoomTemp_XXX | AV | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 14 | Set Temperature (Status) | RoomTemp_XXX | AI | ℃(°F) | | | | | | | |
| 15 | Alarm | Alarm_XXX | BI | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 16 | Error Code | MalfunctionCode_XXX | AI | - | Please refer to LG error code list. | | | | | | |
| 17 | - | - | - | - | | | | | | | |
| 18 | - | - | - | - | | | | | | | |
| 19 | Room Temperature | SetTempStatus_XXX | AI | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 20 | Accumulated Power Distribution (Status) | Accumulated power(100 Watt)_XXX | AI | 100 Watt | Wattage values | | | | | | |
| 21 | - | - | - | - | | | | | | | |
| 22 | - | - | - | - | | | | | | | |
| 23 | - | - | - | - | | | | | | | |
| 24 | - | - | - | - | | | | | | | |
| 25 | - | - | - | - | | | | | | | |
| 26 | - | - | - | - | | | | | | | |
| 27 | Set Upper Temperature (Setting) | TempRangeUpperLimitCommand_XXX | AV | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 28 | Set Upper Temperature (Status) | TempRangeLowerLimitCommand_XXX | AV | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 29 | Set Lower Temperature (Setting) | TempRangeUpperLimitStatus_XXX | AI | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 30 | Set Lower Temperature (Status) | TempRangeLowerLimitStatus_XXX | AI | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 31 | Mode Lock (Setting) | ModeLockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 32 | Mode Lock (Status) | ModeLockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 33 | Fan Lock (Setting) | FanLockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 34 | Fan Lock (Status) | FanLockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 35 | Occupancy (Setting) | OccupancyCommand_XXX | BO | - | Unoccupied (0) | Occupied (1) | - | - | - | - | - |
| 36 | Occupancy (Status) | OccupancyStatus_XXX | BI | - | Unoccupied (0) | Occupied (1) | - | - | - | - | - |
| 37 | 2Set Cooling Set Temperature (Setting) | 2SetCoolingTempCommand_XXX | AV | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | |
| 38 | 2Set Cooling Set Temperature (Status) | 2SetCoolingTempStatus_XXX | AI | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | |
| 39 | 2Set Heating Set Temperature (Setting) | 2SetHeatingTempCommand_XXX | AV | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | |
| 40 | 2Set Heating Set Temperature (Status) | 2SetHeatingTempStatus_XXX | AI | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | |
| 41 | 2Set Cooling Upper Temperature (Setting) | 2SetCoolingUpperLimitCommand_XXX | AV | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | |
| 42 | 2Set Cooling Upper Temperature (Status) | 2SetCoolingUpperLimitStatus_XXX | AI | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | |
| 43 | 2Set Cooling Lower Temperature | 2SetHeatingUpperLimitCommand_XXX | AV | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | |

| | | | | | | | | | | | | | |
|----|--|----------------------------------|----|-------------------|-------------------------------|-------------|-----------------|----------------|------------|------------|------------|---|---|
| | (Setting) | | | | | | | | | | | | |
| 44 | 2Set Cooling Lower Temperature (Status) | 2SetHeatingUpperLimitStatus_XXX | AI | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | | | |
| 45 | 2Set Heating Upper Temperature (Setting) | 2SetCoolingLowerLimitCommand_XXX | AV | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | | | |
| 46 | 2Set Heating Upper Temperature (Status) | 2SetCoolingLowerLimitStatus_XXX | AI | ℃(°F) | 10 ℃ ~ 37.5 ℃ (50 °F ~ 99 °F) | | | | | | | | |
| 47 | 2Set Heating Lower Temperature (Setting) | 2SetHeatingLowerLimitCommand_XXX | AV | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | | | |
| 48 | 2Set Heating Lower Temperature (Status) | 2SetHeatingLowerLimitStatus_XXX | AI | ℃(°F) | 4 ℃ ~ 32 ℃ (40 °F ~ 90 °F) | | | | | | | | |
| 49 | Thermo Status (Status) | ThermoStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - | - | - |
| 50 | Accumulated Gas Distribution (Status) | AccumulatedGas(100 Watt)_XXX | AI | 100 Liter | Gas values | | | | | | | | |
| 51 | Dust Sensor Available (Status) | DustSensorAvail_XXX | BI | - | Disabled (0) | Enabled (1) | - | - | - | - | - | - | - |
| 52 | Air Cleaning Operation (Setting) | AirCleaningOperCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - | - | - |
| 53 | Air Cleaning Operation (Status) | AirCleaningOperStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - | - | - |
| 54 | PM10 (Status) | FineDustStatus_XXX | AI | µg/m ³ | | | | | | | | | |
| 55 | PM2.5 (Status) | UltraFineDustStatus_XXX | AI | µg/m ³ | | | | | | | | | |
| 56 | PM1.0 (Status) | SuperUltraFineDustStatus_XXX | AI | µg/m ³ | | | | | | | | | |
| 57 | Humidity (Status) | HumidityStatus_XXX | AI | % | | | | | | | | | |
| 58 | Comfort Cooling Available (Status) | ComfortCoolingAvail_XXX | BI | - | Disabled (0) | Enabled (1) | - | - | - | - | - | - | - |
| 59 | Comfort Cooling Operation (Setting) | ComfortCoolingOperCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - | - | - |
| 60 | Comfort Cooling Operation (Status) | ComfortCoolingOperStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - | - | - |
| 61 | Comfort Cooling Step (Setting) | ComfortCoolingStepCommand_XXX | AV | - | 1 step ~ 3 step | | | | | | | | |
| 62 | Comfort Cooling Step (Status) | ComfortCoolingStepStatus_XXX | AI | - | 1 step ~ 3 step | | | | | | | | |
| 63 | Human Detection Available (Status) | HumanDetectionAvail_XXX | BI | - | Disabled (0) | Enabled (1) | - | - | - | - | - | - | - |
| 64 | Human Detection Operation (Setting) | HumanDetectionOperCommand_XXX | MO | - | - | Stop (1) | OnOffSaving (2) | TempSaving (3) | - | - | - | - | - |
| 65 | Human Detection Operation (Status) | HumanDetectionOperStatus_XXX | MI | - | - | Stop (1) | OnOffSaving (2) | TempSaving (3) | - | - | - | - | - |
| 66 | Human Detection Wind (Setting) | HumanDetectionWindCommand_XXX | MO | - | - | Stop (1) | Direct (2) | Indirect (3) | - | - | - | - | - |
| 67 | Human Detection Wind (Status) | HumanDetectionWindStatus_XXX | MI | - | - | Stop (1) | Direct (2) | Indirect (3) | - | - | - | - | - |
| 68 | Human Detection Time (Setting) | HumanDetectionTimeCommand_XXX | MO | - | - | 5 min (1) | 10 min (2) | 15 min (3) | 30 min (4) | 60 min (5) | 90 min (6) | - | - |
| 69 | Human Detection Time (Status) | HumanDetectionTimeStatus_XXX | MI | - | - | 5 min (1) | 10 min (2) | 15 min (3) | 30 min (4) | 60 min (5) | 90 min (6) | - | - |

ERV Object List

One ERV has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|---|---------------------------------|-------------|----------|-------------------------------------|-------------------|-------------------|----------------|----------|--------|--------|
| 1 | On/Off (Setting) | StartStopCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | On/Off (Status) | StartStopStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 3 | Lock (Setting) | LockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Lock (Status) | LockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 5 | Filter Sign | FilterSign_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 6 | Filter Sign reset | FilterSignReset_XXX | BV | - | - | Reset (1) | - | - | - | - | - |
| 7 | Operation Mode (Setting) | AirConModeCommand_XXX | MO | - | - | Heat Exchange (1) | Auto (2) | Normal (3) | - | - | - |
| 8 | Operation Mode (Status) | AirConModeStatus_XXX | MI | - | - | Heat Exchange (1) | Auto (2) | Normal (3) | - | - | - |
| 9 | - | - | - | - | - | | | | | | |
| 10 | - | - | - | - | - | | | | | | |
| 11 | Fan Speed (Setting) | FanSpeedCommand_XXX | MO | - | - | Low (1) | High (2) | Super High (3) | Auto (4) | - | - |
| 12 | Fan Speed (Status) | FanSpeedStatus_XXX | MI | - | - | Low (1) | High (2) | Super High (3) | Auto (4) | - | - |
| 13 | Set Room Temperature | SetRoomTemp_XXX | AV | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 14 | Set Temperature (Status) | RoomTemp_XXX | AI | ℃(°F) | | | | | | | |
| 15 | Alarm | Alarm_XXX | BI | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 16 | Error Code | MalfunctionCode_XXX | AI | - | Please refer to LG error code list. | | | | | | |
| 17 | User Mode (Setting) | UserModeCommand_XXX | MO | - | - | Quick fresh (1) | Energy saving (2) | Clear (3) | - | - | - |
| 18 | User Mode (Status) | UserModeStatus_XXX | MI | - | - | Quick fresh (1) | Energy saving (2) | Clear (3) | - | - | - |
| 19 | Room Temperature | SetTempStatus_XXX | AI | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 20 | Accumulated Power Distribution (Status) | Accumulated power(100 Watt)_XXX | AI | 100 Watt | Wattage values | | | | | | |
| 21 | AC Operation Mode (Setting) | UserModeAcCommand_XXX | MO | - | - | Cool (1) | Auto (2) | Heat (3) | - | - | - |
| 22 | AC Operation Mode (Status) | UserModeStatus_XXX | MI | - | - | Cool (1) | Auto (2) | Heat (3) | - | - | - |
| 23 | AC ON/OFF (Setting) | UserModeAcCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 24 | AC ON/OFF (Status) | UserModeAcStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 25 | AC Humidify (Setting) | HumidifierOperCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 26 | AC Humidify (Status) | HumidifierOperStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 27 | Partial Lock Available (Status) | PatialLockAvail_XXX | BI | - | Disabled (0) | Enabled (1) | - | - | - | - | - |
| 28 | Set Upper Temperature (Setting) | TempRangeUpperLimitCommand_XXX | AV | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 29 | Set Upper Temperature (Status) | TempRangeLowerLimitCommand_XXX | AV | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 30 | Set Lower Temperature (Setting) | TempRangeUpperLimitStatus_XXX | AI | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 31 | Set Lower Temperature (Status) | TempRangeLowerLimitStatus_XXX | AI | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 32 | Mode Lock (Setting) | ModeLockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 33 | Mode Lock (Status) | ModeLockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 34 | Fan Lock (Setting) | FanLockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 35 | Fan Lock (Status) | FanLockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 36 | NTFC Available (Status) | NtfcAvail_XXX | BI | - | Disabled (0) | Enabled (1) | - | - | - | - | - |
| 37 | NTFC Operation (Setting) | NtfcOperCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 38 | NTFC Operation (Status) | NtfcOperStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 39 | NTFC Lock (Setting) | NtfcLockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 40 | NTFC Lock (Status) | NtfcLockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |

AHU Object List

One AHU has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|------------------------------------|-----------------------------|-------------|-------|---|--------------|------------|---------|----------|-------------------|--------|
| 1 | On/Off (Setting) | StartStopCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | On/Off (Status) | StartStopStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 3 | Lock (Setting) | LockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Lock (Status) | LockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 5 | Filter Sign | FilterSign_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 6 | - | - | - | - | - | | | | | | |
| 7 | Operation Mode (Setting) | AirConModeCommand_XXX | MO | - | - | Cool (1) | Dry (2) | Fan (3) | Heat (4) | Energy saving (5) | - |
| 8 | Operation Mode (Status) | AirConModeStatus_XXX | MI | - | - | Cool (1) | Dry (2) | Fan (3) | Heat (4) | Energy saving (5) | - |
| 9 | - | - | - | - | - | | | | | | |
| 10 | - | - | - | - | - | | | | | | |
| 11 | Fan Speed (Setting) | FanSpeedCommand_XXX | MO | - | - | High (1) | Middle (2) | Low (3) | - | - | - |
| 12 | Fan Speed (Status) | FanSpeedStatus_XXX | MI | - | - | High (1) | Middle (2) | Low (3) | - | - | - |
| 13 | Set Room Temperature | SetRoomTemp_XXX | AV | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 14 | Set Temperature (Status) | RoomTemp_XXX | AI | ℃(°F) | | | | | | | |
| 15 | Alarm | Alarm_XXX | BI | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 16 | Error Code | MalfunctionCode_XXX | AI | - | Please refer to LG error code list. | | | | | | |
| 17 | - | - | - | - | - | | | | | | |
| 18 | - | - | - | - | - | | | | | | |
| 19 | Room Temperature | SetTempStatus_XXX | AI | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 20 | FireAlarm (Setting) | FireAlarmCommand_XXX | BO | - | Off (0) | On (1) | - | - | - | - | - |
| 21 | FireAlarm (Status) | FireAlarmStatus_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 22 | Humidity (Setting) | SetHumidityCommand_XXX | AV | % | 40 % ~ 60 % | | | | | | |
| 23 | Humidity (Status) | SetHumidityStatus_XXX | AI | % | 40 % ~ 60 % | | | | | | |
| 24 | Humidify ON/OFF (Setting) | HumidifyCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 25 | Humidify ON/OFF (Status) | HumidifyStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 26 | Auto Ventilation ON/OFF (Setting) | AutoVentilCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 27 | Auto Ventilation ON/OFF (Status) | AutoVentilStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 28 | Supply Unit Temperature (Status) | SupplyTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 29 | Outdoor Unit Temperature (Status) | OutdoorTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 30 | Mix Unit Temperature (Status) | MixTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 31 | Supply Unit Humidity (Status) | SupplyHumidifyStatus_XXX | AI | % | | | | | | | |
| 32 | Outdoor Unit Humidity (Status) | OutdoorHumidifyStatus_XXX | AI | % | | | | | | | |
| 33 | Ventilation Unit Humidity (Status) | VentilHumidifyStatus_XXX | AI | % | | | | | | | |
| 34 | CO2 Value (Status) | CO2ValueStatus_XXX | AI | - | 0~255 (Real Value = Value*10, Example : In case Value is 20, CO2 is 20*10=200ppm) | | | | | | |
| 35 | Humidity Unit ON/OFF (Status) | HumidifyUnitStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 36 | Heating Unit ON/OFF (Status) | HeaterUnitStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 37 | Ventilator FAN ON/OFF (Status) | VentilFanStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 38 | Supply Unit FAN ON/OFF (Status) | SupplyFanStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 39 | Current OA Damper (Status) | CurrOADamperStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 40 | Current EA Damper (Status) | CurrEADamperStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 41 | Current Mix Damper (Status) | CurrMixDamperStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 42 | Cooling OA Damper (Setting) | OADamperCoolCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 43 | Cooling OA Damper (Status)) | OADamperCoolStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 44 | Cooling EA Damper (Setting) | EADamperCoolCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 45 | Cooling EA Damper (Status)) | EADamperCoolStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 46 | Cooling Mix Damper (Setting) | MixDamperCoolCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 47 | Cooling Mix Damper (Status)) | MixDamperCoolStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 48 | Heating OA Damper (Setting) | OADamperHeatCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 49 | Heating OA Damper (Status)) | OADamperHeatStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 50 | Heating EA Damper (Setting) | EADamperHeatCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 51 | Heating EA Damper (Status)) | EADamperHeatStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 52 | Heating Mix Damper (Setting) | MixDamperHeatCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 53 | Heating Mix Damper (Status)) | MixDamperHeatStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |
| 54 | FAN OA Damper (Setting) | OADamperFanCommand_XXX | AV | ° | 0 ° ~ 90 ° | | | | | | |
| 55 | FAN OA Damper (Status)) | OADamperFanStatus_XXX | AI | ° | 0 ° ~ 90 ° | | | | | | |

| | | | | | |
|----|--------------------------|-------------------------|----|---|------------|
| 56 | FAN EA Damper (Setting) | EADamperFanCommand_XXX | AV | ° | 0 ° ~ 90 ° |
| 57 | FAN EA Damper (Status) | EADamperFanStatus_XXX | AI | ° | 0 ° ~ 90 ° |
| 58 | FAN Mix Damper (Setting) | MixDamperFanCommand_XXX | AV | ° | 0 ° ~ 90 ° |
| 59 | FAN Mix Damper (Status) | MixDamperFanStatus_XXX | AI | ° | 0 ° ~ 90 ° |

Outdoor unit Object List

One outdoor unit has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|--|----------------------------------|-------------|-------|--------------------|----------------|----------|-----------|--------|--------|--------|
| 1 | Compressor Operation | CompressorOperation_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | Refrigerant Type | RefrigerantType_XXX | MI | - | - | R407C (1) | R22 (2) | R410A (3) | - | - | - |
| 3 | Fan1 Frequency | Fan1Frequency_XXX | AI | rpm | | | | | | | |
| 4 | High Pressure | HighPressure_XXX | AI | kPa | | | | | | | |
| 5 | Low Pressure | LowPressure_XXX | AI | kPa | | | | | | | |
| 6 | Compressor Suction Temp | CompressorSuctionTemp_XXX | AI | ℃(°F) | | | | | | | |
| 7 | Liquid Pipe Temp | LiquidPipeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 8 | Heat Exchange Temp | HeatExchangeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 9 | Outdoor Unit EEV | OutdoorUnitEEV_XXX | AI | - | | | | | | | |
| 10 | Over-cooler EEV | Over-coolerEEV_XXX | AI | - | | | | | | | |
| 11 | Hot Gas Valve | HotGasValue_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 12 | Inverter Discharge Temp | InverterDischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 13 | Air Temp | AirTemp_XXX | AI | ℃(°F) | | | | | | | |
| 14 | Operation Mode | OperationMode_XXX | MI | - | - | Stop (1) | Cool (2) | Heat (3) | - | - | - |
| 15 | Error Code | ErrorCode_XXX | AI | 0~255 | | | | | | | |
| 16 | Inverter1 Compressor Frequency | Inverter1CompressorFrequency_XXX | AI | rpm | | | | | | | |
| 17 | Inverter2 Compressor Frequency | Inverter2CompressorFrequency_XXX | AI | rpm | | | | | | | |
| 18 | Fan2 Frequency | Fan2Frequency_XXX | AI | rpm | | | | | | | |
| 19 | Inverter2 Discharge Temp | Inverter2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 20 | Std1 Discharge Temp | Std1DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 21 | Std2 Discharge Temp | Std2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 22 | Upper Hex Temp | UpperHexTemp_XXX | AI | ℃(°F) | | | | | | | |
| 23 | Lower Hex Temp | LowerHexTemp_XXX | AI | ℃(°F) | | | | | | | |
| 24 | Sub Cool Pipe In Temp | SubCoolPipeInTemp_XXX | AI | ℃(°F) | | | | | | | |
| 25 | Sub Cool Pipe Out Temp | SubCoolPipeOutTemp_XXX | AI | ℃(°F) | | | | | | | |
| 26 | Sub EEV Pulse | SubEevPulse_XXX | AI | - | | | | | | | |
| 27 | Oil Equalizing EEV | OilEqualizingEEV_XXX | AI | - | | | | | | | |
| 28 | Vapor Injection EEV1 | ViEev1_XXX | AI | - | | | | | | | |
| 29 | Vapor Injection EEV2 | ViEev2_XXX | AI | - | | | | | | | |
| 30 | Inverter1 Heater | Inverter1Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 31 | Inverter2 Heater | Inverter2Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 32 | Inverter1 Oil Sensor | Inverter1OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - |
| 33 | Inverter2 Oil Sensor | Inverter2OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - |
| 34 | Inverter1 Backup | Inverter1Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 35 | Inverter2 Backup | Inverter2Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 36 | DDC | DDC_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 37-64 | Additional Point for Master Outdoor Unit | | | | | | | | | | |
| 65 | (Slave1) Compressor Operation | CompressorOperation_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 66 | (Slave1) Refrigerant Type | RefrigerantType_XXX | MI | - | - | R407C (1) | R22 (2) | R410A (3) | - | - | - |
| 67 | (Slave1) Fan1 Frequency | Fan1Frequency_XXX | AI | rpm | | | | | | | |
| 68 | (Slave1) High Pressure | HighPressure_XXX | AI | kPa | | | | | | | |
| 69 | (Slave1) Low Pressure | LowPressure_XXX | AI | kPa | | | | | | | |
| 70 | (Slave1) Compressor Suction Temp | CompressorSuctionTemp_XXX | AI | ℃(°F) | | | | | | | |
| 71 | (Slave1) Liquid Pipe Temp | LiquidPipeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 72 | (Slave1) Heat Exchange Temp | HeatExchangeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 73 | (Slave1) Outdoor Unit EEV | OutdoorUnitEEV_XXX | AI | - | | | | | | | |
| 74 | (Slave1) Over-cooler EEV | Over-coolerEEV_XXX | AI | - | | | | | | | |
| 75 | (Slave1) Hot Gas Valve | HotGasValue_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 76 | (Slave1) Inverter Discharge Temp | InverterDischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 77 | (Slave1) Air Temp | AirTemp_XXX | AI | ℃(°F) | | | | | | | |
| 78 | (Slave1) Operation Mode | OperationMode_XXX | MI | - | - | Stop (1) | Cool (2) | Heat (3) | - | - | - |

| | | | | | | | | | | | | | | |
|---------|--|----------------------------------|----|-------|--------------------|----------------|----------|-----------|---|---|---|--|--|--|
| 79 | (Slave1) Error Code | ErrorCode_XXX | AI | 0~255 | | | | | | | | | | |
| 80 | (Slave1) Inverter1 Compressor Frequency | Inverter1CompressorFrequency_XXX | AI | rpm | | | | | | | | | | |
| 81 | (Slave1) Inverter2 Compressor Frequency | Inverter2CompressorFrequency_XXX | AI | rpm | | | | | | | | | | |
| 82 | (Slave1) Fan2 Frequency | Fan2Frequency_XXX | AI | rpm | | | | | | | | | | |
| 83 | (Slave1) Inverter2 Discharge Temp | Inverter2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 84 | (Slave1) Std1 Discharge Temp | Std1DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 85 | (Slave1) Std2 Discharge Temp | Std2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 86 | (Slave1) Upper Hex Temp | UpperHexTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 87 | (Slave1) Lower Hex Temp | LowerHexTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 88 | (Slave1) Sub Cool Pipe In Temp | SubCoolPipeInTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 89 | (Slave1) Sub Cool Pipe Out Temp | SubCoolPipeOutTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 90 | (Slave1) Sub EEV Pulse | SubEevPulse_XXX | AI | - | | | | | | | | | | |
| 91 | (Slave1) Oil Equalizing EEV | OilEqualizingEEV_XXX | AI | - | | | | | | | | | | |
| 92 | (Slave1) Vapor Injection EEV1 | ViEev1_XXX | AI | - | | | | | | | | | | |
| 93 | (Slave1) Vapor Injection EEV2 | ViEev2_XXX | AI | - | | | | | | | | | | |
| 94 | (Slave1) Inverter1 Heater | Inverter1Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 95 | (Slave1) Inverter2 Heater | Inverter2Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 96 | (Slave1) Inverter1 Oil Sensor | Inverter1OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - | | | |
| 97 | (Slave1) Inverter2 Oil Sensor | Inverter2OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - | | | |
| 98 | (Slave1) Inverter1 Backup | Inverter1Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - | | | |
| 99 | (Slave1) Inverter2 Backup | Inverter2Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - | | | |
| 100 | (Slave1) DDC | DDC_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 101-128 | Additional Point for Slave1 Outdoor Unit | | | | | | | | | | | | | |
| 129 | (Slave2) Compressor Operation | CompressorOperation_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - | | | |
| 130 | (Slave2) Refrigerant Type | RefrigerantType_XXX | MI | - | - | R407C (1) | R22 (2) | R410A (3) | - | - | - | | | |
| 131 | (Slave2) Fan1 Frequency | Fan1Frequency_XXX | AI | rpm | | | | | | | | | | |
| 132 | (Slave2) High Pressure | HighPressure_XXX | AI | kPa | | | | | | | | | | |
| 133 | (Slave2) Low Pressure | LowPressure_XXX | AI | kPa | | | | | | | | | | |
| 134 | (Slave2) Compressor Suction Temp | CompressorSuctionTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 135 | (Slave2) Liquid Pipe Temp | LiquidPipeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 136 | (Slave2) Heat Exchange Temp | HeatExchangeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 137 | (Slave2) Outdoor Unit EEV | OutdoorUnitEEV_XXX | AI | - | | | | | | | | | | |
| 138 | (Slave2) Over-cooler EEV | Over-coolerEEV_XXX | AI | - | | | | | | | | | | |
| 139 | (Slave2) Hot Gas Valve | HotGasValue_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 140 | (Slave2) Inverter Discharge Temp | InverterDischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 141 | (Slave2) Air Temp | AirTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 142 | (Slave2) Operation Mode | OperationMode_XXX | MI | - | - | Stop (1) | Cool (2) | Heat (3) | - | - | - | | | |
| 143 | (Slave2) Error Code | ErrorCode_XXX | AI | 0~255 | | | | | | | | | | |
| 144 | (Slave2) Inverter1 Compressor Frequency | Inverter1CompressorFrequency_XXX | AI | rpm | | | | | | | | | | |
| 145 | (Slave2) Inverter2 Compressor Frequency | Inverter2CompressorFrequency_XXX | AI | rpm | | | | | | | | | | |
| 146 | (Slave2) Fan2 Frequency | Fan2Frequency_XXX | AI | rpm | | | | | | | | | | |
| 147 | (Slave2) Inverter2 Discharge Temp | Inverter2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 148 | (Slave2) Std1 Discharge Temp | Std1DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 149 | (Slave2) Std2 Discharge Temp | Std2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 150 | (Slave2) Upper Hex Temp | UpperHexTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 151 | (Slave2) Lower Hex Temp | LowerHexTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 152 | (Slave2) Sub Cool Pipe In Temp | SubCoolPipeInTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 153 | (Slave2) Sub Cool Pipe Out Temp | SubCoolPipeOutTemp_XXX | AI | ℃(°F) | | | | | | | | | | |
| 154 | (Slave2) Sub EEV Pulse | SubEevPulse_XXX | AI | - | | | | | | | | | | |
| 155 | (Slave2) Oil Equalizing EEV | OilEqualizingEEV_XXX | AI | - | | | | | | | | | | |
| 156 | (Slave2) Vapor Injection EEV1 | ViEev1_XXX | AI | - | | | | | | | | | | |
| 157 | (Slave2) Vapor Injection EEV2 | ViEev2_XXX | AI | - | | | | | | | | | | |
| 158 | (Slave2) Inverter1 Heater | Inverter1Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 159 | (Slave2) Inverter2 Heater | Inverter2Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - | | | |
| 160 | (Slave2) Inverter1 Oil Sensor | Inverter1OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - | | | |
| 161 | (Slave2) Inverter2 Oil Sensor | Inverter2OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - | | | |

| | | | | | | | | | | | |
|---------|--|----------------------------------|----|-------|--------------------|----------------|----------|-----------|---|---|---|
| 162 | (Slave2) Inverter1 Backup | Inverter1Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 163 | (Slave2) Inverter2 Backup | Inverter2Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 164 | (Slave2) DDC | DDC_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 165-192 | Additional Point for Slave2 Outdoor Unit | | | | | | | | | | |
| 193 | (Slave3) Compressor Operation | CompressorOperation_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 194 | (Slave3) Refrigerant Type | RefrigerantType_XXX | MI | - | - | R407C (1) | R22 (2) | R410A (3) | - | - | - |
| 195 | (Slave3) Fan1 Frequency | Fan1Frequency_XXX | AI | rpm | | | | | | | |
| 196 | (Slave3) High Pressure | HighPressure_XXX | AI | kPa | | | | | | | |
| 197 | (Slave3) Low Pressure | LowPressure_XXX | AI | kPa | | | | | | | |
| 198 | (Slave3) Compressor Suction Temp | CompressorSuctionTemp_XXX | AI | ℃(°F) | | | | | | | |
| 199 | (Slave3) Liquid Pipe Temp | LiquidPipeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 200 | (Slave3) Heat Exchange Temp | HeatExchangeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 201 | (Slave3) Outdoor Unit EEV | OutdoorUnitEEV_XXX | AI | - | | | | | | | |
| 202 | (Slave3) Over-cooler EEV | Over-coolerEEV_XXX | AI | - | | | | | | | |
| 203 | (Slave3) Hot Gas Valve | HotGasValue_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 204 | (Slave3) Inverter Discharge Temp | InverterDischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 205 | (Slave3) Air Temp | AirTemp_XXX | AI | ℃(°F) | | | | | | | |
| 206 | (Slave3) Operation Mode | OperationMode_XXX | MI | - | - | Stop (1) | Cool (2) | Heat (3) | - | - | - |
| 207 | (Slave3) Error Code | ErrorCode_XXX | AI | 0~255 | | | | | | | |
| 208 | (Slave3) Inverter1 Compressor Frequency | Inverter1CompressorFrequency_XXX | AI | rpm | | | | | | | |
| 209 | (Slave3) Inverter2 Compressor Frequency | Inverter2CompressorFrequency_XXX | AI | rpm | | | | | | | |
| 210 | (Slave3) Fan2 Frequency | Fan2Frequency_XXX | AI | rpm | | | | | | | |
| 211 | (Slave3) Inverter2 Discharge Temp | Inverter2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 212 | (Slave3) Std1 Discharge Temp | Std1DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 213 | (Slave3) Std2 Discharge Temp | Std2DischargeTemp_XXX | AI | ℃(°F) | | | | | | | |
| 214 | (Slave3) Upper Hex Temp | UpperHexTemp_XXX | AI | ℃(°F) | | | | | | | |
| 215 | (Slave3) Lower Hex Temp | LowerHexTemp_XXX | AI | ℃(°F) | | | | | | | |
| 216 | (Slave3) Sub Cool Pipe In Temp | SubCoolPipeInTemp_XXX | AI | ℃(°F) | | | | | | | |
| 217 | (Slave3) Sub Cool Pipe Out Temp | SubCoolPipeOutTemp_XXX | AI | ℃(°F) | | | | | | | |
| 218 | (Slave3) Sub EEV Pulse | SubEevPulse_XXX | AI | - | | | | | | | |
| 219 | (Slave3) Oil Equalizing EEV | OilEqualizingEEV_XXX | AI | - | | | | | | | |
| 220 | (Slave3) Vapor Injection EEV1 | ViEev1_XXX | AI | - | | | | | | | |
| 221 | (Slave3) Vapor Injection EEV2 | ViEev2_XXX | AI | - | | | | | | | |
| 222 | (Slave3) Inverter1 Heater | Inverter1Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 223 | (Slave3) Inverter2 Heater | Inverter2Heater_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 224 | (Slave3) Inverter1 Oil Sensor | Inverter1OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - |
| 225 | (Slave3) Inverter2 Oil Sensor | Inverter2OilSensor_XXX | BI | - | Not Detect Oil (0) | Detect Oil (1) | - | - | - | - | - |
| 226 | (Slave3) Inverter1 Backup | Inverter1Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 227 | (Slave3) Inverter2 Backup | Inverter2Backup_XXX | BI | - | Not Used (0) | Used (1) | - | - | - | - | - |
| 228 | (Slave3) DDC | DDC_XXX | BI | - | Off (0) | On (1) | - | - | - | - | - |
| 229-256 | Additional Point for Slave3 Outdoor Unit | | | | | | | | | | |

Heating Object List

One Heating has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|---|---------------------------------|-------------|----------|-------------------------------------|--------------------|----------|----------|--------|--------|--------|
| 1 | On/Off (Setting) | StartStopCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | On/Off (Status) | StartStopStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 3 | Lock (Setting) | LockCommand_XXX | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Lock (Status) | LockStatus_XXX | BI | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 5 | Operation Mode (Setting) | AirConModeCommand_XXX | MO | - | - | Cool (1) | Heat (2) | Auto (3) | - | - | - |
| 6 | Operation Mode (Status) | AirConModeStatus_XXX | MI | - | - | Cool (1) | Heat (2) | Auto (3) | - | - | - |
| 7 | Set Room Temperature (Setting) | SetRoomTempCommand_XXX | AV | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 8 | Set Room Temperature (Status) | SetRoomTempStatus_XXX | AI | ℃(°F) | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 9 | Set Hot Water Temperature (Setting) | SetHotWaterTempCommand_XXX | AV | ℃(°F) | 30 ℃ ~ 80 ℃ (86 °F ~ 176 °F) | | | | | | |
| 10 | Set Hot Water Temperature (Status) | SetHotWaterTempStatus_XXX | AI | ℃(°F) | 30 ℃ ~ 80 ℃ (86 °F ~ 176 °F) | | | | | | |
| 11 | Set PipeOut Water Temperature (Setting) | SetPipeOutWaterTempCommand_XXX | AV | ℃(°F) | 6 ℃ ~ 80 ℃ (42 °F ~ 176 °F) | | | | | | |
| 12 | Set PipeOut Water Temperature (Status) | SetPipeOutWaterTempStatus_XXX | AI | ℃(°F) | 6 ℃ ~ 80 ℃ (42 °F ~ 176 °F) | | | | | | |
| 13 | Setting Temperature Reference (Air/Water) | AirWaterFlag_XXX | BI | - | Air (0) | Water (1) | - | - | - | - | - |
| 14 | Hot Water Only Mode | HotWaterOnlyFlag_XXX | BI | - | Normal (0) | Hot Water Only (1) | - | - | - | - | - |
| 15 | Set Temperature (Status) | RoomTemp_XXX | AI | ℃(°F) | | | | | | | |
| 16 | Alarm | Alarm_XXX | BI | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 17 | Error Code | MalfunctionCode_XXX | AI | - | Please refer to LG error code list. | | | | | | |
| 18 | HotWater On/Off (Setting) | HotWaterCommand_XXX | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 19 | HotWater On/Off (Status) | HotWaterStatus_XXX | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 20 | Pipe Inlet Temperature Status | PipeInTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 21 | Water Tank Temperature Status | TankTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 22 | Solar Temperature Status | SolarTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 23 | Pipe Outlet Temperature tatus | PipeOutTempStatus_XXX | AI | ℃(°F) | | | | | | | |
| 24 | Accumulated Power Distribution (Status) | Accumulated power(100 Watt)_XXX | AI | 100 Watt | Wattage values | | | | | | |

General Object List

This is the list of BACnet objects provided for the general information. Some points may not be supported depending on the product.

| Point | Description | Object Name(_XXX : Address) | Object Type | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|---|-----------------------------|-------------|----------|-----------------------------|--------------|--------|--------|--------|--------|--------|
| 1 | All Unit Run/Stop (Setting) | AllStartStopCommand | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | All Unit Set Room Temperature (Setting) | AllSetRoomTempCommand | AV | ℃(°F) | 18 ℃ ~ 30 ℃ (64 °F ~ 86 °F) | | | | | | |
| 3 | All Unit Temperature Lock (Setting) | AllTempLockCommand | BO | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Total Accumulated Power (Status) | TotalAccumulatedPower | AI | 100 Watt | Wattage values | | | | | | |
| 5 | Peak Control Operation (Setting) | PeakStartStopCommand | BO | - | Stop (0) | Start (1) | - | - | - | - | - |
| 6 | Peak Control Operation (Status) | PeakStartStopStatus | BI | - | Stop (0) | Start (1) | - | - | - | - | - |
| 7 | Peak Shift Time(Setting) | PeakShiftTimeCommand | AV | min | 5 min ~ 15 min | | | | | | |
| 8 | Peak Shift Time(Status) | PeakShiftTimeStatus | AI | min | 5 min ~ 15 min | | | | | | |
| 9 | Peak Target Ratio(Setting) | PeakTargetCommand | AV | % | 0 % ~ 100 % | | | | | | |
| 10 | Peak Target Ratio(Status) | PeakTargetStatus | AI | % | 0 % ~ 100 % | | | | | | |
| 11 | Peak Current Running Ratio(Status) | PeakCurrentStatus | AI | % | 0 % ~ 100 % | | | | | | |
| 12 | Remote Shutdown(Setting) | RemoteShutDownCommand | BO | - | Normal (0) | Shutdown (1) | - | - | - | - | - |
| 13 | Temperature Unit Setting (Setting) | TempUnitCommand | BO | - | ℃ (0) | °F (1) | - | - | - | - | - |
| 14 | Temperature Unit Setting (Status) | TempUnitStatus | BI | - | ℃ (0) | °F (1) | - | - | - | - | - |

BIBBs

BACnet Interoperability Building Blocks

Alarm and Event Management, Scheduling, Trending and Network Security BIBBs are not supported.

Data Sharing BIBBs

(□:Not supported, ■: Supported)

| BIBB Type | | Supported | Service | Initiate | Execute |
|-----------|---|-----------|----------------------------|----------|---------|
| DS-RP-A | Data Sharing-ReadProperty-A | □ | ReadProperty | X | |
| DS-RP-B | Data Sharing-ReadProperty-B | ■ | ReadProperty | | X |
| DS-RPM-A | Data Sharing-ReadPropertyMultiple-A | □ | ReadPropertyMultiple | X | |
| DS-RPM-B | Data Sharing-ReadPropertyMultiple-B | ■ | ReadPropertyMultiple | | X |
| DS-RPC-A | Data Sharing-ReadPropertyConditional-A | □ | ReadPropertyConditional | X | |
| DS-RPC-B | Data Sharing-ReadPropertyConditional-B | □ | ReadPropertyConditional | | X |
| DS-WP-A | Data Sharing-WriteProperty-A | □ | WriteProperty | X | |
| DS-WP-B | Data Sharing-WriteProperty-B | ■ | WriteProperty | | X |
| DS-WPM-A | Data Sharing-WritePropertyMultiple-A | □ | WritePropertyMultiple | X | |
| DS-WPM-B | Data Sharing-WritePropertyMultiple-B | ■ | WritePropertyMultiple | | X |
| DS-COV-A | Data Sharing-Change Of Value-A | □ | SubscribeCOV | X | |
| | | | ConfirmedCOVNotification | | X |
| | | | UnconfirmedCOVNotification | | X |
| DS-COV-B | Data Sharing-Change Of Value-B | ■ | SubscribeCOV | | X |
| | | | ConfirmedCOVNotification | X | |
| | | | UnconfirmedCOVNotification | X | |
| DS-COVP-A | Data Sharing-Change Of Value Property-A | □ | SubscribeCOVProperty | X | |
| | | | ConfirmedCOVNotification | | X |
| | | | UnconfirmedCOVNotification | | X |
| DS-COVP-B | Data Sharing-Change Of Value Property-B | □ | SubscribeCOVProperty | | X |
| | | | ConfirmedCOVNotification | X | |
| | | | UnconfirmedCOVNotification | X | |
| DS-COVU-A | Data Sharing-Change Of Value Unsubscribed-A | □ | UnconfirmedCOVNotification | | X |
| DS-COVU-B | Data Sharing-Change Of Value Unsubscribed-B | □ | UnconfirmedCOVNotification | X | |

Device and Network Management BIBBs

(□:Not supported, ■: Supported)

| BIBB Type | | Supported | Service | Initiate | Execute |
|-----------|--|-----------|----------------------------|----------|---------|
| DM-DDB-A | Device Management-Dynamic Device Binding-A | □ | Who-Is | X | |
| | | | I-Am | | X |
| DM-DDB-B | Device Management-Dynamic Device Binding-B | ■ | Who-Is | | X |
| | | | I-Am | X | |
| DM-DOB-A | Device Management-Dynamic Object Binding-A | □ | Who-Has | X | |
| | | | I-Have | | X |
| DM-DOB-B | Device Management-Dynamic Object Binding-B | ■ | Who-Has | | X |
| | | | I-Have | X | |
| DM-DCC-A | Device Management-DeviceCommunicationControl-A | □ | DeviceCommunicationControl | X | |
| DM-DCC-B | Device Management-DeviceCommunicationControl-B | ■ | DeviceCommunicationControl | | X |
| DM-TS-A | Device Management-TimeSynchronization-A | □ | TimeSynchronization | X | |
| DM-TS-B | Device Management-TimeSynchronization-B | ■ | TimeSynchronization | | X |

PICS

BACnet Protocol Implementation Conformance Statement

Vendor Name

LG Electronics Inc.

Product Name

AC Manager 5

Product Description

This gateway converts between BACnet IP and RS-485 LGAP (LG Aircon protocol) allowing third party control and monitoring of the LG A/C system.

It has a built in web server that does not require any additional software.

BACnet Standardized Device Profile (Annex L)

BACnet Application Specific Controller (B-ASC)

Segmentation Capability

Segmented responses supported Window Size - 64

Standard Object Types Supported

| Object-Type | Dynamically Creatable | Dynamically Deletable | Optional Properties Supported | Writable Properties |
|--------------------|-----------------------|-----------------------|--|---------------------|
| Device | No | No | Location, Description, Max Segments Accepted, APDU Segment Timeout, Active COV Subscriptions, Profile Name | N/A |
| Analog Input | No | No | Description, Reliability, Min Pres Value, Max Pres Value, Resolution, COV Increment | N/A |
| Analog Value | No | No | Description, Reliability, Resolution, COV Increment | Present_Value |
| Binary Input | No | No | Description, Reliability, Inactive Text, Active Text | N/A |
| Binary Output | No | No | Description, Reliability, Inactive Text, Active Text | Present_Value |
| Binary Value | No | No | Description, Reliability, Inactive Text, Active Text | Present_Value |
| Multi-State Input | No | No | Description, Reliability, State Text | N/A |
| Multi-State Output | No | No | Description, Reliability, State Text | Present_Value |

Data Link Layer Options

BACnet IP, (Annex J), Foreign Device - IPv4 only, IPv6 not supported

Device Address Binding

Static device binding is not supported.

Character Sets Supported

ANSI x 3.4

Modbus Commission

Commissioning is the process of verifying the subsystems to achieve the owner's project requirements as intended by the building owner and as designed by the building architects and engineers.

After AC Manager 5 installation, you can check the operation status of the device by using the web function before connection with the BMS system.

Creating of the Points. This is NOT to be done by LG since it is directly related to the BMS side. The BMS engineer is to carry out the engineering of the Point, however LG is responsible for providing the method of how the Points are calculated.

Precautions

- To use the Modbus feature, you must select **[Settings] > [BACnet/Modbus Setting] > [Modbus TCP enable]** as **Set**.
- In case of installing 2 or more AC Manager 5, you must change **[Settings] > [BACnet/Modbus Setting] > [Vnet Number Setting]** so that the Vnet Numbers are not duplicate among AC Manager 5.
- The Vnet number is used as a Slave ID of the Modbus protocol and can be set to a value from 1 to 247.
- The Read Single Coils command (Function Code 1) can read up to 2,000 commands at a time. The Read Holding Registers command (Function Code 3) can read up to 125 at a time.

Supported Function Codes

The Modbus function codes supported by AC Manager 5 are as follows:

Refer to the Register List page for controlled/monitored items supported by each function code.

- 0x01
- 0x03
- 0x05
- 0x06

Modbus Register List

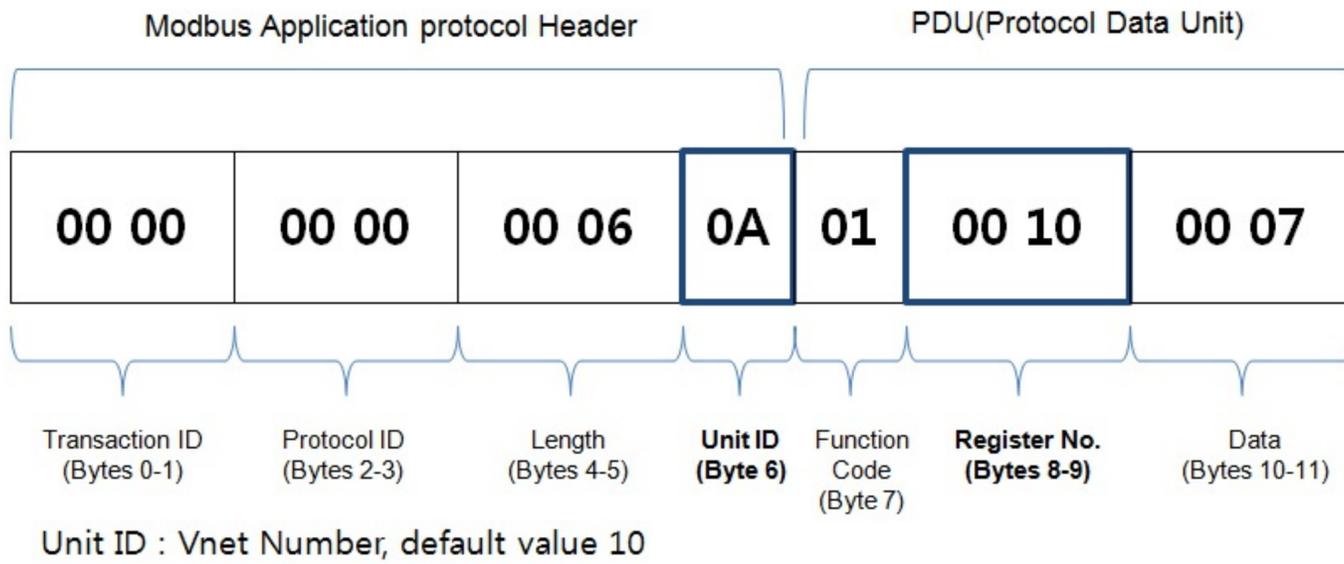
It describes the Modbus Register List provided by AC Manager 5.

- Definition of Register Address
- Indoor Unit Register List
- ERV Register List
- AHU Register List
- Heating Register List

Definition of Register Address

The Register Address of each device is assigned as follows.

- Protocol Configuration



- Register No.



Example of Register Address

| Description of Register | Product Type (Hexadecimal) | Product Address (Hexadecimal) | Point (Hexadecimal) | Function Code(Hexadecimal) | Register Address (Hexadecimal) |
|--------------------------------------|----------------------------|-------------------------------|---------------------|----------------------------|--------------------------------|
| IDU Address 0x00, On/Off | 0x0 | 0x00 | 0x1 | 0x1 / 0x5 | 0x0000 |
| IDU Address 0x00, Operation Mode | 0x0 | 0x00 | 0x1 | 0x3 / 0x6 | 0x0000 |
| IDU Address 0x1B, On/Off | 0x0 | 0x1B | 0x1 | 0x1 / 0x5 | 0x01B0 |
| IDU Address 0x1B, Operation Mode | 0x0 | 0x1B | 0x1 | 0x3 / 0x6 | 0x01B0 |
| ERV Address 0x00, On/Off | 0x4 | 0x00 | 0x1 | 0x1 / 0x5 | 0x4000 |
| ERV Address 0x00, Operation Mode | 0x4 | 0x00 | 0x1 | 0x3 / 0x6 | 0x4000 |
| ERV Address 0x1B, On/Off | 0x4 | 0x1B | 0x1 | 0x1 / 0x5 | 0x41B0 |
| ERV Address 0x1B, Operation Mode | 0x4 | 0x1B | 0x1 | 0x3 / 0x6 | 0x41B0 |
| AHU Address 0x00, On/Off | 0x8 | 0x00 | 0x1 | 0x1 / 0x5 | 0x8000 |
| AHU Address 0x00, Operation Mode | 0x8 | 0x00 | 0x1 | 0x3 / 0x6 | 0x8000 |
| AHU Address 0x00, Current OA Damper | 0x8 | 0x01 | 0x1 | 0x3 | 0x8010 |
| AHU Address 0x0F, On/Off | 0x8 | 0x1E | 0x1 | 0x1 / 0x5 | 0x81E0 |
| AHU Address 0x0F, Operation Mode | 0x8 | 0x1E | 0x1 | 0x3 / 0x6 | 0x81E0 |
| AHU Address 0x0F, Current OA Damper | 0x8 | 0x1F | 0x1 | 0x3 | 0x81F0 |
| Heating Address 0x00, On/Off | 0xC | 0x00 | 0x1 | 0x1 / 0x5 | 0xC000 |
| Heating Address 0x00, Operation Mode | 0xC | 0x00 | 0x1 | 0x3 / 0x6 | 0xC000 |
| Heating Address 0x0F, On/Off | 0xC | 0x0F | 0x1 | 0x1 / 0x5 | 0xC0F0 |
| Heating Address 0x0F, Operation Mode | 0xC | 0x0F | 0x1 | 0x3 / 0x6 | 0xC0F0 |

Indoor Unit Register List

One Indoor unit has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Function Code | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|-------------------------|---------------|------|--|--------------|------------|----------|----------|----------|--------|
| 1 | On/Off | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | Swing | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 3 | Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 4 | Mode Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 5 | Fan Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 6 | Temp Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 7 | Alarm | 01 | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 1 | Operation Mode | 03/06 | - | - | Cool (1) | Dry (2) | Fan (3) | Auto (4) | Heat (5) | - |
| 2 | Fan Speed | 03/06 | - | - | Low (1) | Middle (2) | High (3) | Auto (4) | - | - |
| 3 | Set Room Temperature | 03/06 | ℃ | 16 ℃ ~ 30 ℃ (60 ℉ ~ 86 ℉) | | | | | | |
| 4 | Set Upper Temperature | 03/06 | ℃ | 18 ℃ ~ 30 ℃ (64 ℉ ~ 86 ℉) | | | | | | |
| 5 | Set Lower Temperature | 03/06 | ℃ | 16 ℃ ~ 30 ℃ (60 ℉ ~ 86 ℉) | | | | | | |
| 6 | Room Temperature | 03 | ℃ | | | | | | | |
| 7 | Error Code | 03 | - | Please refer to LG error code list. | | | | | | |
| 8 | Accumulated Power(LOW) | 03 | - | Accumulated Power Value(100 Watt) = Accumulated Power(HIGH) X 65536 + Accumulated Power(LOW) | | | | | | |
| 9 | Accumulated Power(HIGH) | 03 | - | | | | | | | |
| 10 | Accumulated Gas(LOW) | 03 | - | Accumulated Gas Value(100 Liter) = Accumulated Gas(HIGH) X 65536 + Accumulated Gas(LOW) | | | | | | |
| 11 | Accumulated Gas(HIGH) | 03 | - | | | | | | | |

ERV Register List

One Indoor unit has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Function Code | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|----------------------|---------------|------|-------------------------------------|-------------------|-------------------|----------------|----------|--------|--------|
| 1 | On/Off | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 3 | Filter | 01/05 | - | Off (0) | On (1) | - | - | - | - | - |
| 4 | Alarm | 01 | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 5 | AC ON/OFF | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 6 | AC Humidify | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 1 | Operation Mode | 03/06 | - | - | Heat Exchange (1) | Auto (2) | Normal (3) | - | - | - |
| 2 | Fan Speed | 03/06 | - | - | Low (1) | High (2) | Super High (3) | Auto (4) | - | - |
| 3 | User Mode | 03/06 | - | - | Quick fresh (1) | Energy saving (2) | Clear (3) | - | - | - |
| 4 | Error Code | 03 | - | Please refer to LG error code list. | | | | | | |
| 5 | AC Operation Mode | 03/06 | - | - | Cool (1) | Auto (2) | Heat (3) | - | - | - |
| 6 | Set Room Temperature | 03/06 | ℃ | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |

AHU Register List

One AHU has the following list of points. Some points may not be supported depending on the product.

Due to the limited number of points, One AHU device uses two product addresses. Refer to the Definition of Register Address page for the detail information.

| Point | Description | Function Code | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------------------------|------------------------------|---------------|------|---|--------------|---------|---------|-------------------|----------|--------|
| Product Address X 2 | | | | | | | | | | |
| 1 | On/Off | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 3 | Filter | 01 | - | Off (0) | On (1) | - | - | - | - | - |
| 4 | FireAlarm | 01/05 | - | Off (0) | On (1) | - | - | - | - | - |
| 5 | Humidity Oper | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 6 | Auto Ventilation ON/OFF | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 7 | Humidify ON/OFF Status | 01 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 8 | Heater ON/OFF Status | 01 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 9 | Ventilator FAN ON/OFF | 01 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 10 | Supply Unit FAN ON/OFF | 01 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 11 | Alarm | 01 | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 1 | Operation Mode | 03/06 | - | - | Cool (1) | Dry (2) | Fan (3) | Energy saving (4) | Heat (5) | - |
| 2 | Set Room Temperature | 03/06 | ℃ | 16 ℃ ~ 30 ℃ (60 °F ~ 86 °F) | | | | | | |
| 3 | Supply Unit Temperature | 03 | ℃ | | | | | | | |
| 4 | Outdoor Unit Temperature | 03 | ℃ | | | | | | | |
| 5 | Ventilation Unit Temperature | 03 | ℃ | | | | | | | |
| 6 | Mix Unit Temperature | 03 | ℃ | | | | | | | |
| 7 | Set Humidity | 03/06 | % | 40 % ~ 60 % | | | | | | |
| 8 | Supply Unit Humidity | 03 | % | | | | | | | |
| 9 | Outdoor Unit Humidity | 03 | % | | | | | | | |
| 10 | Ventilation Unit Humidity | 03 | % | | | | | | | |
| 11 | CO2 Value | 03 | - | 0~255 (Real Value = Value*10, Example : In case Value is 20, CO2 is 20*10=200ppm) | | | | | | |
| 12 | Error Code | 03 | - | Please refer to LG error code list. | | | | | | |
| Product Address X 2 + 1 | | | | | | | | | | |
| 1 | Current OA Damper | 03 | ° | | | | | | | |
| 2 | Current EA Damper | 03 | ° | | | | | | | |
| 3 | Current Mix Damper | 03 | ° | | | | | | | |
| 4 | Cooling OA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 5 | Cooling EA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 6 | Cooling Mix Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 7 | Heating OA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 8 | Heating EA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 9 | Heating Mix Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 10 | FAN OA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 11 | FAN EA Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |
| 12 | FAN Mix Damper | 03/06 | ° | 0 ° ~ 90 ° | | | | | | |

Heating Register List

One Heating has the following list of points. Some points may not be supported depending on the product.

| Point | Description | Function Code | Unit | Text-0 | Text-1 | Text-2 | Text-3 | Text-4 | Text-5 | Text-6 |
|-------|---|---------------|------|-------------------------------------|--------------------|----------|----------|--------|--------|--------|
| 1 | On/Off | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 2 | Lock | 01/05 | - | Permit (0) | Prohibit (1) | - | - | - | - | - |
| 3 | Setting Temperature Reference (Air/Water) | 01 | - | Air (0) | Water (1) | - | - | - | - | - |
| 4 | Set Hot Water Temperature | 01 | - | Normal (0) | Hot Water Only (1) | - | - | - | - | - |
| 5 | Alarm | 01 | - | Normal (0) | Abnormal (1) | - | - | - | - | - |
| 6 | HotWater On/Off | 01/05 | - | Stop (0) | Start (1) | - | - | - | - | - |
| 1 | Operation Mode | 03/06 | - | - | Cool (1) | Heat (2) | Auto (3) | - | - | - |
| 2 | Set Room Temperature | 03/06 | ℃ | 16 ℃ ~ 30 ℃ (60 ℉ ~ 86 ℉) | | | | | | |
| 3 | Hot Water Only Mode | 03/06 | ℃ | 30 ℃ ~ 80 ℃ (86 ℉ ~ 176 ℉) | | | | | | |
| 4 | Set PipeOut Water Temperature | 03/06 | ℃ | 6 ℃ ~ 80 ℃ (42 ℉ ~ 176 ℉) | | | | | | |
| 5 | Room Temperature | 03 | ℃ | | | | | | | |
| 6 | Error Code | 03 | - | Please refer to LG error code list. | | | | | | |
| 7 | Pipe Inlet Temperature Status | 03 | ℃ | | | | | | | |
| 8 | Water Tank Temperature Status | 03 | ℃ | | | | | | | |
| 9 | Solar Temperature Status | 03 | ℃ | | | | | | | |
| 10 | Pipe Outlet Temperature tatus | 03 | ℃ | | | | | | | |

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curl

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