



# 3 除湿系列 DH ( Dehumidifier )

工业电气柜除湿机利用空气中水分遇冷凝露的原理，通过风机的作用让柜内的空气不断流过除湿机的冷端，使柜内空气的水分不断析出，减少柜内空气的绝对湿度。除湿机同时可以加热柜内除湿后的空气，提高柜内的空气饱和度，减少柜内的相对湿度。保证控制柜内部有理想的温度和湿度，从而保护控制柜内的电气元件在可控的范围内运行。

The industrial electric cabinet dehumidifier makes use of the principle of cold condensation of water in the air. Through the action of the fan, the air in the cabinet keeps flowing through the cold end of the dehumidifier, so that the moisture of the air in the cabinet is continuously precipitated, and the absolute humidity of the air in the cabinet is reduced. The dehumidifier can also heat the air after dehumidification in the cabinet, improve the air saturation in the cabinet, and reduce the relative humidity in the cabinet. To ensure the ideal temperature and humidity inside the control cabinet, to protect the electrical components in the control cabinet to operate within a controllable range.



## 选择TEH除湿系列，您的获益： Choose the TEH dehumidifier series, your benefit:

- 采用半导体制冷，符合环保要求；
  - 合理的结构布局，实现体积最小化，节约电柜空间；
  - 噪音小，重量轻，使用寿命长，超高的性价比；
  - 适应防腐要求较高的工作环境；
  - 数字化的湿度控制系统，精确控制柜内湿度环境；
  - 安装灵活，同时满足标准DN35导轨安装和螺钉固定方式；
  - 预设控制程序，自动运行，使电柜环境始终保持在理想状态。
- Using semiconductor refrigeration, meet the requirements of environmental protection.
  - Reasonable structure layout, minimization of volume, saving electric cabinet space.
  - Small noise, light weight, long service life, super high cost performance.
  - It is suitable for anticorrosion working environment.
  - Digital humidity control system to accurately control the humidity environment in the cabinet.
  - Flexible installation and standard DN35 guide installation and screw fixation.
  - The presupposition control program runs automatically to keep the cabinet environment in an ideal state.



## 半导体除湿机 Semiconductor dehumidifier



### 性能特点 Features

- 安装方便, 可利用DIN导轨快速安装和螺钉紧固安装;
- 冷凝除湿, 根本上解决了柜内湿度过高, 电气器件出现冷凝水的隐患;
- 结构紧凑, 柜内使用, 不占用过多的柜内空间;
- 半导体制冷除湿, 无振动、噪音小、可靠性强, 可连续长时间运行;
- 预设控制程序, 自动运行, 使电柜环境始终保持在理想状态
- Easy installation, rapid installation of DIN guide rail and screw fastening installation.
- Condensate dehumidification, it has fundamentally solved the high humidity in the cabinet and the hidden danger of condensate in electrical devices.
- It is compact, used in the cabinet and does not occupy too much space in the cabinet.
- Semiconductor refrigeration dehumidification, no vibration, small noise, strong reliability, it can run for a long time.
- The presupposition control program runs automatically to keep the cabinet environment in an ideal state.

| ID.NO.   | 型号(完全外挂安装)<br>Model(external hanging installation) | 除湿量<br>Dehumidification | 尺寸 WxHxD<br>Size WxHxD | 额定电压<br>Rated voltage |
|----------|--|-------------------------|------------------------|-----------------------|
| 31000003 | TEH30  | 210mL/D                 | 125x214x80mm           | 230 VAC/50Hz          |
| 31000002 | TEH40  | 280mL/D                 | 125x214x80mm           | 230 VAC/50Hz          |
| 31000001 | TEH60  | 410mL/D                 | 125x214x80mm           | 230 VAC/50Hz          |
| 31000004 | TEH100   | 510mL/D                 | 150x124.8x245mm        | 230 VAC/50Hz          |
| 31000005 | TEH200   | 1000mL/D                | 150x124.8x245mm        | 230 VAC/50Hz          |
| 30200859 | TEH400   | 2500mL/D                | 150x124.8x245mm        | 230 VAC/50Hz          |

## 工业除湿机 Semiconductor dehumidifier



### 性能特点 Features

- 设计除湿量3L/D, 高效除湿;
- 自带加热功能;
- 半内嵌安装, 占用空间小;
- 螺栓安装, 安装方便;
- 数字化的控制面板, 3键简单操作;
- 可实时显示柜内温度、湿度
- Designed dehumidification capacity 3L/D, efficient dehumidification;
- Self-heating function;
- Semi-embedded installation, occupying less space;
- Bolt on for easy installation
- Digital control panel, 3 keys simple operation;
- Real-time display of temperature and humidity in cabinet.



## 除湿机 Dehumidifier



### 性能特点 Features

- LEIZIG除湿机体积小, 功能强大, 可提供70-880品脱/天的多功能除湿;
- 高效过滤系统, 保护植物免受有害细菌的侵害;
- 体验业界领先的最小噪音操作;
- 与空气处理机组相结合, 特别适用于低温高湿场合的湿度管理;
- 有吊装、吊顶、壁柜和落地柜安装, 总有一款适合您;
- Compact yet powerful, the LEIZIG dehumidifier offers a versatile dehumidification range from 70-880pints/day.
- Boasting a high-efficiency filtration system, it ensures your plants are safeguarded from detrimental microbes.
- Experience industry-leading minimal noise operation.
- When paired with AHU, it excels in managing humidity in environments with low temperatures and elevated humidity levels.
- Choose from a variety of installation options including hoisting, ceiling, wall, and floor cabinets – there's a fit for every preference

| ID.NO.   | 型号<br>Model | 除湿量<br>pints/day | 风量<br>CFM@0.0WG | 外形尺寸<br>(inch) | 额定电流<br>Rated current |
|----------|-------------|------------------|-----------------|----------------|-----------------------|
| 31000009 | LG70        | 70               | 260             | 29.6x16.5x17.2 | 4.08 @115V            |
| 31000017 | LG100       | 100              | 260             | 29.6x16.5x17.2 | 5.9 @115V             |
| 31000018 | LG150       | 150              | 500             | 29.6x16.5x17.2 | 8.8 @115V             |
| 31000020 | LG195       | 195              | 500             | 32.9x24.4x23.8 | 10.8 @115V            |
| 31000021 | LG195D      | 195              | 900             | 32.9x24.4x23.8 | 5.9 @220V             |
| 31000024 | LG228       | 228              | 900             | 32.9x24.4x23.8 | 7.2 @220V             |
| 31000025 | LG335       | 330              | 900             | 32.9x24.4x23.8 | 9.7 @220V             |
| 31000034 | LG508       | 508              | 1350            | 44.8x28.3x29.1 | 14.5 @220V            |
| 31000046 | LG508D      | 508              | 2150            | 44.8x28.3x29.1 | 4.9 @480V             |
| 31000056 | LG880       | 880              | 2150            | 44.8x28.3x29.1 | 8.8 @480V             |

### 配件

Accessorie

| 类型(Type) | ID NO.   | 描述(Description)                          |
|----------|----------|--|
| IDK3     | 31800018 | 进气管套件 (Intake Duct kit)                  |
| EDK3     | 31800019 | 排气管套件 (Exhaust Duct kit)                 |
| Ft308    | 31800009 | MERV8标准过滤网 (Standard Filtration MERV8)   |
| Ft313    | 31800012 | MERV13定制过滤网 (Superior Filtration MERV13) |