

HL116 Series Thermostats

Application

The HL116 series thermostats are designed to on/off control the fans, valves, dampers or electric heaters in fan coil units and heating applications.

Typical use:

- Commercial buildings
- Residential buildings
- Light industrial buildings

In conjunction with

- Zone valves
- Thermal valves
- Fans



Model summary

● **HL116DA/DB**

Two-pipe fan coil room thermostat used to control 3-speed fan and motorized valve with manual changeover and ventilation function

● **HL116DA2/P**

Two-pipe fan coil room thermostat used to control 3-speed fan and 3-wire motorized valve with manual changeover and ventilation function

● **HL116FCV2**

Four-pipe fan coil room thermostat used to control 3-speed fan and motorized valve with manual changeover and ventilation function

Features

Surface mounting
 Mode: Cool, Heat and Vent.
 Digital LCD display
 Blue backlight

Manual three-speed fan switch
 Low temperature protection
 Reliable output by relays
 Fahrenheit or Centigrade selection

Technical data

| | |
|-------------------------|--------------------------|
| Temperature Range: | 5~35°C |
| Switching Differential: | Approx. ± 1°C |
| Power Supply: | 230Vac ± 10%, 50/60Hz |
| Operating Voltage: | 230Vac ± 10%, 50/60Hz |
| Current Load: | 0.8A run, 5A inrush |
| Sensing Element: | NTC |
| Terminals: | 0.5~2 sq. mm cable |
| Operating Temperature: | 0~45°C |
| Storage Temperature: | -20~55°C |
| Operating Humidity: | 5~90% |
| Dimension: | 86x86x23mm (H x W x D) |

Norms and standards

Low voltage directive
 Product standard

73/23/EEC and 93/68/EEC
 EN 60730