CÔNG TY TNHH THƯƠNG MẠI DỊCH VỤ DLK

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CATALOG KỸ THUẬT · JOHNSON CONTROLS

Thermostat TEC3000

bộ điều khiển nhiệt độ BACnet MS/TP, N2

TEC3000 Johnson Controls – thermostat (bộ điều khiển nhiệt độ) màn hình màu cảm ứng, BACnet MS/TP/N2 hoặc không dây ZFR, cho FCU, rooftop, heat pump, VAV.

Mã: TEC3000 · Hãng: Johnson Controls · Hotline: 093 797 2339

dlk.com.vn/tec3000-johnson-controls-thermostat-bacnet.html

DWYEROMEGA Honeywell KOMETER NCT DEI APC MACURCO ACI Johnson Controls

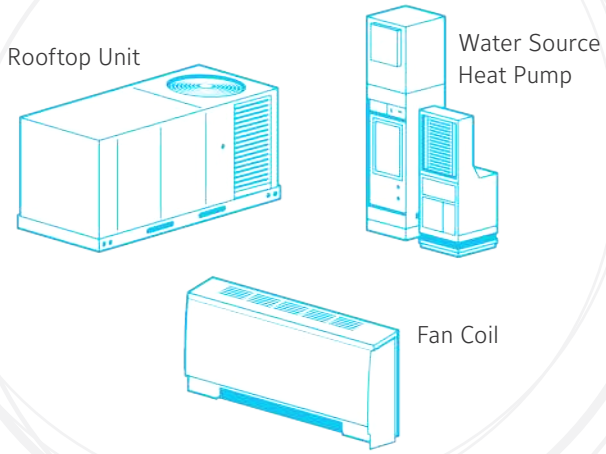
TEC3000 Smart Thermostat Series

More Control

With the TEC3000 Smart Thermostat Series, you can expect efficient commissioning and innovative application configurations for rooftop, fan coil and heat pump equipment. Available in communicating (wired or wireless) or stand-alone versions, the TEC3000 Series provides control of:

- Local hydronic reheat valves
- Pressure-dependent VAV equipment with or without local reheat
- Two- or four-pipe fan coils
- Cabinet unit heaters
- Zoning equipment using an on/off, floating, or 0 to 10 VDC proportional control input
- Unitary rooftop units with or without economizers and heat pumps

Ideal For



Quick Setup

USB Port Configuration

Set-up and replacement is simple with USB port. All models include a convenient USB port that reduces installation time by allowing simple backup and restoration of features from a USB drive, which enables rapid cloning of configuration between common units.

Clear Communication

Backlit Full-Color Liquid Crystal Display (LCD) and Configurable Touch Screen

All models feature an intuitive color backlit display that makes setup and operation quick and easy. The new display offers real-time control status of the environment in easy-to-read, plain text messages with an adjustable backlight that brightens during user interaction. The configurable touch screen allows you to limit the user interaction with the thermostat controller display based on specific energy policies.

Energy Savings

Programmable Scheduling and Occupancy Sensors

Simple programmable scheduling helps keep occupants comfortable while you save energy. Models with built-in occupancy sensing capability maximize energy savings in high-energy use commercial buildings—such as schools and hotels—during occupied times by using additional standby setpoints.

Multiple Fan Configurations

- **Single-speed**
- **Multi-speed (two or three discrete speeds)**
- **Variable-speed/EC motors (0 to 10 VDC control)**

Some models support dehumidification on two-pipe fan coil units with reheat, and four-pipe fan coil units with or without reheat. When no heating is required, the thermostat controller monitors space humidity and activates dehumidification control as necessary. Heat and/or reheat is used as required to maintain the space temperature. For optimal dehumidification performance, use a fan coil unit that has a multi-speed or variable-speed fan.

Available Models

Networked Models

Feature a field-selectable Building Automation System BACnet MS/TP or N2 communication capability that enables remote monitoring and programming for efficient space temperature control.

Wireless Controllers

Pair with Johnson Controls ZFR Pro Series system's wireless gateways and controllers to create a wireless mesh network that allows the exchange of data between the ZFR network and a network engine using standard BACnet/IP communications.

Standalone Controllers

Non-communicating models provide the same applications and control, but are not enabled to communicate over a wired or wireless network.

Technical Features

- **Advanced Ventilation Control Features** optimize occupant health by reducing the concentration of airborne infectious particles.
- **Two Configurable Binary Inputs** provide additional inputs for advanced functions such as remote night setback, service or filter alarms, motion detector, and window status, and configures the application to respond accordingly.
- **Field-Selectable BACnet MS/TP or N2 Networked Communication** simplifies the upgrade from N2 networked communication to BACnet MS/TP networked communication without changing hardware.
- **End-of-Line Switch** simplifies the layout and installation of communication buses.
- **Networked Models Fully Compatible** with any BACnet Building Automation System, including the Johnson Controls building automation portfolio – Metasys®, Facility Explorer® and Verasys®.
- **Onboard Occupancy Sensor** provides energy savings in high-energy usage commercial buildings without additional installation time or cost.
- **On/Off, Floating, Proportional 0 to 10 VDC, and Single- or Two-Stage Control**—offers additional application flexibility by providing more advanced control signals.
- **Integral Humidity Sensor** monitors space humidity and activates dehumidification control on two-pipe fan coil units with reheat and four-pipe fan coil units with or without reheat.
- **Full Line of Remote TE-6300 Series Temperature Sensors** supports a wide range of remote temperature sensing needs from a single supplier.
- **Programmable in 7 languages**: English, Spanish, French, German, Italian, Dutch, and Portuguese
- **Available in 2 colors:** black and white

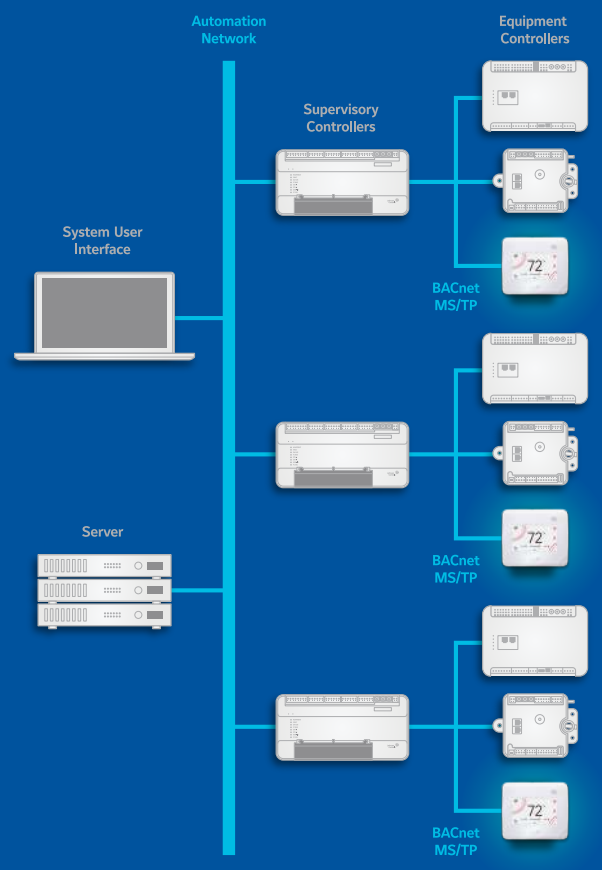
Compatible Accessories For More Control

- Wall Plate Plaque Murale **TEC-WALLPLT**
- Flush-mount temperature sensor **TE-6300F Series**
- Duct-mount temperature sensor **TE-6300M Series**

Fluent in Your Building's Language

The TEC3000 Series communicates directly with your Building Automation System (BAS).

Powerful and precise controls are the backbone of a robust BAS strategy. The TEC3000 Series accurately communicates critical HVAC data to any Johnson Controls Building Automation System (BAS).



Choose 135 years of experience and reliability.

Johnson Controls invented the room thermostat 135 years ago. Since then, we've become a global diversified technology leader in more than 150 countries. We developed the TEC3000 Smart Equipment Thermostat Series in pursuit of our goal to help everyone live more productive, healthier, more enjoyable, and more efficient lives.

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The power behind **your mission**

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MST	0317566997
ĐỊA CHỈ THUẾ	G6/18H Đường Trần Văn Giàu, Xã Bình Lợi, Thành phố Hồ Chí Minh, Việt Nam
VĂN PHÒNG	**CS1:** 111/7 Vườn Lài, Phú Thọ Hòa, Tân Phú, TP.CHM **CS2:** TT1-09 Foresa 4A, KĐT Xuân Phương, TP. Hà Nội
HOTLINE	093 797 2339
EMAIL	info@dlk.com.vn
WEBSITE	www.dlk.com.vn