



Unilux Pro AM Wi-Fi Thermostat

Product Specifications and Technical Data

Leading-edge technology by Unilux VFC to control high-rise HVAC systems.

Specifications

Wall Thermostat

- Large, clear TFT touchscreen (4.3") display
- Displays:
 - Current temperature (°C/°F)
 - Current humidity
 - Set temperature (°C/°F)
 - Date & time in 12 or 24-hour time
 - Fan Mode (Auto, Low, Med, Hi, Off)
 - Operation mode (Heat, Cool, Off)
 - Schedule mode (P Hold, T Hold, On Schedule)
 - Scheduled Programs: 1, 2, 3, 4
 - Wi-Fi connection indication
- Wired to unit control board for manual inputs
- Equipped with battery back-up
- 4.35 in H x 4.66 in W x 1.47 in D

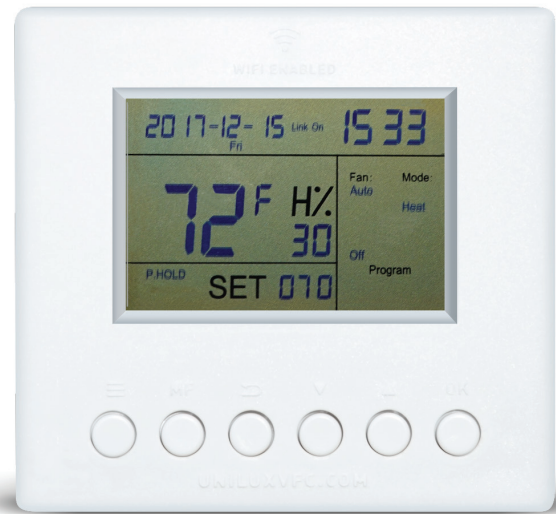
Unit Control Board

- Installed inside the fan thermostat housing
- Onboard wireless transceiver incorporates the following features:
 - Complete embedded wireless LAN module
 - 2.4 Ghz frequency
 - 802.11b & 802.11g modulation
 - Data rates:
 - 1-11 Mbps for 802.11b
 - 6-54 Mbps for 802.11g
 - Security: WPA2-PSK (AES)
 - Supports Wi-Fi protected setup (WPS)
 - Unique MAC address
 - Power output: 0 to +12 dBm
 - Antenna: External via RF Pad
 - Ultra-low power sleep mode
 - Real-time clock
 - Temperature -40°C/+85°C
 - Humidity less than or equal 90% RH
 - Certification – Modular certified U.S. (FCC) and Canada (IC)
 - Radio Standards Specification RSS
 - 210 -FCC CFR47 Modular transmitter approval Part 15.212

Wi-Fi-enabled Vertical Fan Coil Features

Residents now have total control of their HVAC system using our Apple and Android-compatible app, Universe, or through the web-browser interface. Changing the temperature, switching modes, adjusting programs and more just became easier – and can be done from anywhere!

Another brand-new feature is that residents will receive alerts through Universe and by email if there are any issues with the VFC, such as suite temperature above or below limit, time to change filter and flood prevention state. You'll also receive monthly usage and activity reports.

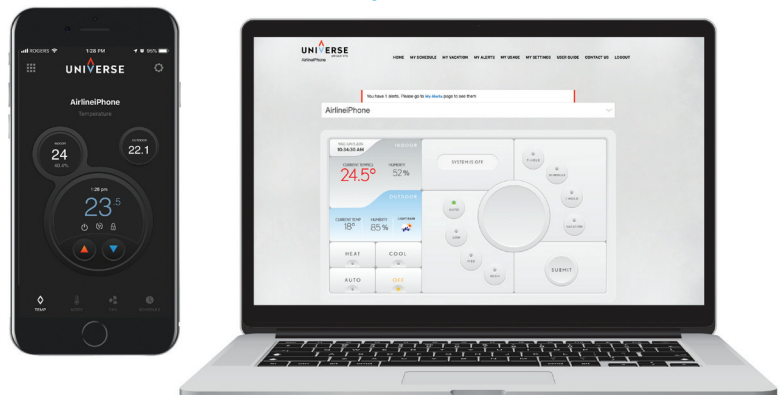


Application

Unilux VFC has developed a leading-edge, Wi-Fi-enabled fan coil controller for all fan coil offerings. The controller is compatible with our 2-pipe, 4-pipe and 2-pipe with auxiliary heat systems. All data is processed on our control board installed inside the thermostat housing. Information is sent from the thermostat to control the function of the fan coil unit.

The thermostat allows the fan to operate at multiple speeds providing more precise comfort. Our auto fan setting increases the fan speed depending on how far away room temperature is from the set temperature.

The VFC controller allows for single interface with building management systems. New flood prevention sensors provide greater peace of mind for residents and owners. For more information on flood prevention see our flood prevention brochure or visit www.uniluxvfc.com.

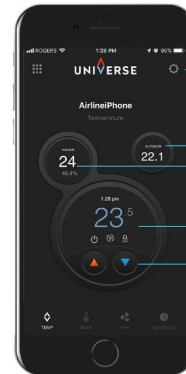
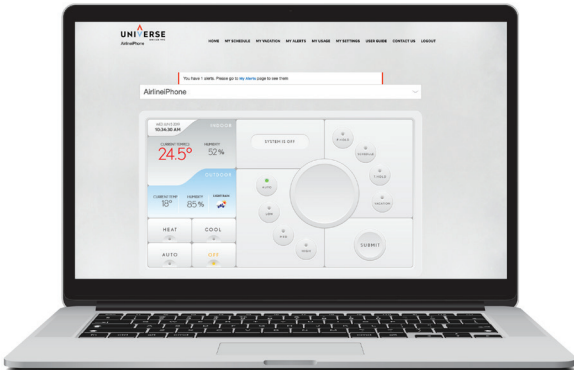


Patent Pending



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Thermostat Comparison



This button navigation bar allows users to adjust settings on major features.

Outdoor Temperature
Current Indoor Temperature

Set Indoor Temperature

Adjust Temperature settings

Quick view of Mode, Fan and Schedule Settings

Web Application

- User-friendly and easy to navigate
- Secure log-in screen
- Set comfort according to user schedule
- Intuitive screen design allows for quick schedule changes on the fly
- Customize settings and notifications to be informed about the fan coil
- Monthly usage reports based on run time
- Alert notifications on the app and sent through email

Universe - Mobile App iOS & Android Compatible

Universe is a wonderful free app that gives you the ability to make adjustments to your thermostat settings from your iOS or Android phone. Control your VFC with Universe which includes all of the functionalities of the web app – from the palm of your hand.

1. Visit the iOS App Store (for iPhone®) or the Google Play Store (for Android).
2. Search and download – it's free!
3. Follow the prompts to register, or log in if you're a returning user.



Unilux Pro AM Wi-Fi



Honeywell TB7100A 1000 MultiPRO™

	Unilux Pro AM Wi-Fi	Honeywell TB7100A 1000 MultiPRO™
Large, clear LCD display shows room & set temperature	✓	✓
LCD display shows current indoor humidity	✓	✗
Real-time clock keeps time during power failure and auto updates for daylight savings time	✓	✓
Menu-driven programming	✓	✓
Thermostat automatically saves changes and displays updates on screen	✓	✓
Holds override program schedules	✓	✓
7-day, 4 time slots/day programming	✓	✓
Up to 3 speeds for fan coils	✓	✓
Pre-programmed to match fan coil equipment (2 pipe or 4 pipe)	✓	✗
Wi-Fi control standard	✓	✗
Web & mobile app supported	✓	✗
Simple, plug-in diagnostics for instant problem solving	✓	✗
Thermostat mounts to a wall plate	✓	✓
Vacation days can be set in advance	✓	✗
Intuitive selection keys	✓	✗

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