

WTL Series Digital Pneumatic Thermostats



Affordable digital control for pneumatic HVAC systems

The power behind **your mission**



Now you can reap all the benefits and efficiencies of direct digital control (DDC) with minimal expense and disruption. WTL Series digital pneumatic thermostats are wireless and self-contained, so there's no need to open walls and ceilings to install wires. That means you can transform your facility into a BAS-connected site quickly, easily, and at a fraction of the cost of a DDC system.

What's more, WTL Series thermostats provide ongoing energy savings of up to 30%, thanks to their scheduling features. They're designed to retrofit existing mechanical pneumatic thermostats from Johnson Controls and most other leading manufacturers, making them ideal for educational, governmental and healthcare facilities.

WTL Series thermostats are available in three configurations, to suit various applications:

- Two pipe, direct/reverse acting, for a heating or cooling only application with a single setpoint
- Two pipe, direct/reverse acting, with a deadband; suitable for heating and cooling applications with discrete heating and cooling setpoints
- Two pipe, direct/reverse acting, for summertime cooling and wintertime heating while maintaining a single setpoint

Key Features

- High reliability
- Remote monitoring and control
- Automatic self-calibration
- Occupancy override notification
- Programmable temperature setbacks
- Integration with any BAS over BACnet IP

Best of all, you'll enjoy the same reliability of a mechanical pneumatic thermostat without any need for periodic re-calibration when you choose a WTL Series digital pneumatic thermostat. So bring your facility into the digital age. **Contact your Johnson Controls representative for details.**

Specification		Description
Operating frequency band		915 MHz LoRa network band
Transmission ranges	Indoor on one floor, maximum	250 ft.
	Indoor over multiple floors, maximum	150 ft.
	Line of sight, maximum	400 ft.
Transmission interval		5 minutes
Battery Life		Minimum of 2 years, with four setpoint changes per day
Operating conditions		32°F to 122°F (0°C to 50°C), 95% RH maximum, noncondensing
Storage conditions		-40°F to 122°F (-40°C to 50°C), 95% RH maximum, noncondensing
Dimensions (H x W x D)		5.6 in. (141 mm) x 4.1 in. (104 mm) x 2.1 in. (53mm)

For more information on the WTL Series, please visit [JohnsonControls.com](https://www.johnsoncontrols.com)

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