

Wireless Gateway and Control Server for WTL Thermostats Pack Sheet



2023-02-01

Part No. A16381WVGM, Rev —

This pack sheet includes minimal legal and warranty information only. Read the linked quick start guide and related documentation, any other relevant bulletins, safety warnings, and cautions before installing, maintaining, or dismounting the product.

QR Code

Use this QR code to view the WTL Series Thermostat documentation, or navigate to the link

<https://docs.jci.com/Johnson-Controls/WTL-CSG>.



If you cannot locate these documents using the QR code or link, contact: co-global-bas-docfeedback@jci.com.

Technical specifications

WTL Series Control Server technical specifications

Specification		Description
Power requirements	External power adapter	100 VAC to 240 VAC, 50/60Hz, 1.8 A
	WTL-GBC-00 input	12 VDC @ 3 A from external supply
Communications	Interface	Two RJ-45 connectors
	Protocol	BACnet IP
Transmission speeds	Ethernet communication	10 Mbps, 100 Mbps, 1000 Mbps
Operating system		Microsoft® Windows® 10
Transmissions speeds	Ethernet communication	10 Mbps, 100 Mbps, 1000 Mbps
Antenna gain		3 dBi
Ambient conditions	Operating	-4°F to 131°F (-20°C to 55°C), 10% RH to 90% RH, noncondensing
	Storage	-4°F to 131°F (-20°C to 55°C), 5% RH to 95% RH, noncondensing
Materials		Aluminum extrusion with heavy-duty steel, IP40
Compliance	United States	FCC Part 15 Class B UL/cUL 60950-1, UL/cUL 62368-1
Shipping weight		3.97 lb (1.8 kg)
Dimensions H x W x D		4.7 in. (120 mm) x 9.33 in. (237 mm) x 2.05 in. (52 mm)

Contact information

Contact your local branch office: www.johnsoncontrols.com/locations

Contact Johnson Controls: www.johnsoncontrols.com/contact-us

WTL Series Gateway technical specifications

Specification		Description
Power requirements	External power adapter	100 VAC to 240 VAC 50/60Hz, 0.6 A
	WTL-WRG-00 input	9 VDC @ 1.7 A from external supply
Communications interface		Ethernet 10 Base-T/100 Base-TX with RJ-45 connector
Operating frequency band		915 MHz
Channels	Quality	8
	Spacing	200 KHz
Transmissions	Power	+27 dBm maximum output before antenna, 30 dBm after antenna
	Rate	5.470 Kbps
	Speed	Ethernet communication through WTL Control Server 10 Mbps, 100 Mbps
Antenna gain		3 dBi
Ambient conditions	Operating	-22°F to 158°F (-30°C to 70°C), 20% RH to 90% RH, noncondensing
	Storage	-40°F to 185°F (-40°C to 85°C), 20% RH to 90% RH, noncondensing
Materials		Anodized blue aluminum
Compliance	United States	FCC Part 15 Class B UL/cUL 60950-1, UL/cUL 62368-1
	Canada	Industry Canada IC: ICES-003 Class B
Antenna gain		1.7 dBi
Shipping weight		1.00 lb (0.45 kg)
Dimensions H x W x D		6.35 in. (161.29 mm) x 4.17 in. (105.92 mm) x 1.695 in. (43.05 mm)

Single point of contact

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Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Building Technologies & Solutions

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