

OJ Microline® WiFi LED Touch Thermostat



UWG5®

- Sleek design
- Bluetooth®, WiFi and Cloud connected
- Voice control
- Easy & intuitive setup by a wizard
- Touch display with LED light



WiFi LED touch thermostat for electric underfloor heating with connectivity, sleek design, and intuitive control for easy installation.

Key features are

- Cloud-connected WiFi thermostat
- Direct local control through Bluetooth®
- Voice control compatible with Amazon Alexa and with Google Assistant-enabled devices.
- Display with LED light. During use, light intensity is increased. When not operating, the light intensity will be dimmed or off
- Capacitive touch allows direct control on thermostat
- Simple on-thermostat control. Adjust set-point, change operation mode, turn on/off
- GFCI protected, including a test button
- Readouts of temperature, set point, time, heating status, errors, and WiFi status
- Schedules: Up to 10 different schedules, schedule overrides (manual mode, hold for X hours, vacation mode, frost protection and eco mode)
- Regionalization (language and unit, time and date)
- Adaptive function, open window function, application type, sensor adaption, user lock, and calibration
- Suitable for tile, laminate, and wooden floors

Remote accessibility

With OJ Microline® WiFi LED touch thermostats, users can remotely adjust and monitor their thermostats. The thermostats can be accessed locally through Bluetooth® and everywhere when connected to the OJ cloud service through WiFi.

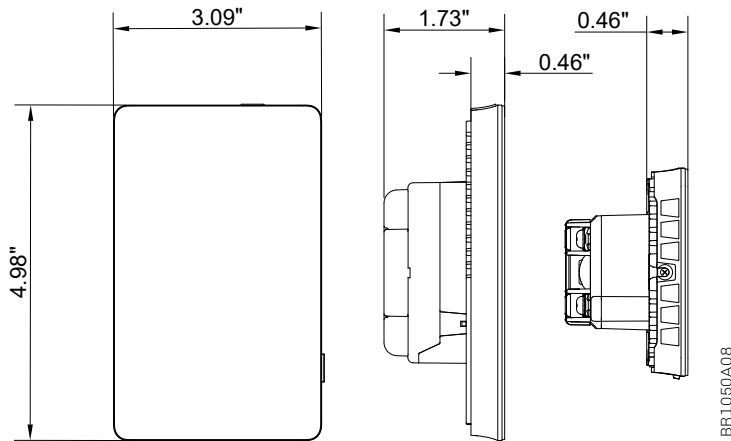
Users can control the thermostat using just their voice with Amazon Alexa or Google Assistant-enabled devices.

Smart installation via app

An intelligent WiFi thermostat makes installation, setting, and operation a lot easier. The OJ Microline app guides the installer and end-user through the few necessary steps to ensure the correct installation and operation of the thermostat. Can be set up with without app.

Security

OJ Microline® UWG5® thermostats transmits data securely and encrypted via TLS 1.3, the latest state-of-the-art encryption technology. This allows faster and more secure connections. For your WiFi connection, take advantage of the more secure and comprehensive WPA3 protocol.



BR1050A08

Sleek design

The UWG5® thermostat is available in an elegant white design with a plain surface. It has a discrete look and fits to most wall decorations.

Connectivity

Voice control with Google Assistant-enabled devices and compatible with Amazon Alexa.

- Bluetooth® – Direct control of the thermostat. WiFi routers or internet connections are not required.
- Cloud connection through a WiFi internet router grants access from everywhere.

Control the power – your way

The installation wizard is your guide. In its default setting, the thermostat controls room temperature with floor temperature protection. Settings allow you to adjust the floor sensor to your preferences. The Custom Sensor setting allows you to use other commonly installed floor sensors instead of the included one. With the floor protection feature, you can select a maximum temperature for laminate/wood, or tile floors. You can determine if you want the heating to start at a specific time or if you want the room to be warm at an exact time. The heating can always be stopped if it passes the set threshold. It's simple: just follow the wizard.

TECHNICAL DATA

Supply	120/208/240 Vac 50/60 Hz
Load	15 A maximum (resistive load)
Power	1,800 W at 120 Vac 3,120 W at 208 Vac 3,600 W at 240 Vac
GFCI	Class A (5 mA trip level)
Temperature range	+41 to +104°F (+5 to +40°C)
Floor limit range	+41 to +104°F (+5 to +40°C)
Floor protection laminate/wood	82°F (27.5°C)
Floor protection tile	104°F (40°C)
Amb. temp. range	+32 to +104°F (0 to +40°C)
Regulation principle	PWM / PI
Enclosure rating	IP20
Floor sensor	Included
Floor sensor type	NTC (10 KΩ) 15 ft (4.5 m)
Room sensor	Embedded
Dimensions (H/W/D)	4.98"/3.09"/0.46"
Fits standard wall box (H/W/D)	3"/2"/2"
Display	LED light through
Touch	capacitive buttons
WLAN	802.11n WiFi module
Security	TLS 1.3
Supporting	USG-4000
WiFi	IEEE 802.11 b/g/n
WiFi Encryption	WPA, WPA2, WPA3
Bluetooth®	Version 4.2 (BDR/EDR/BLE)
Contains FCC ID	XPYNINAW106
Contains IC ID	8595A-NINAW106

c UL us listed according to the following standards:

UL file number:	E157297
Thermostat:	UL 60730-2-9 CSA E60730-2-9
GFCI:	UL 943 5th ed. CSA C22.2 No.144.1-16 2nd ed.