Product Catalogue 2024
Electric Floor Heating

THERMOSTATS

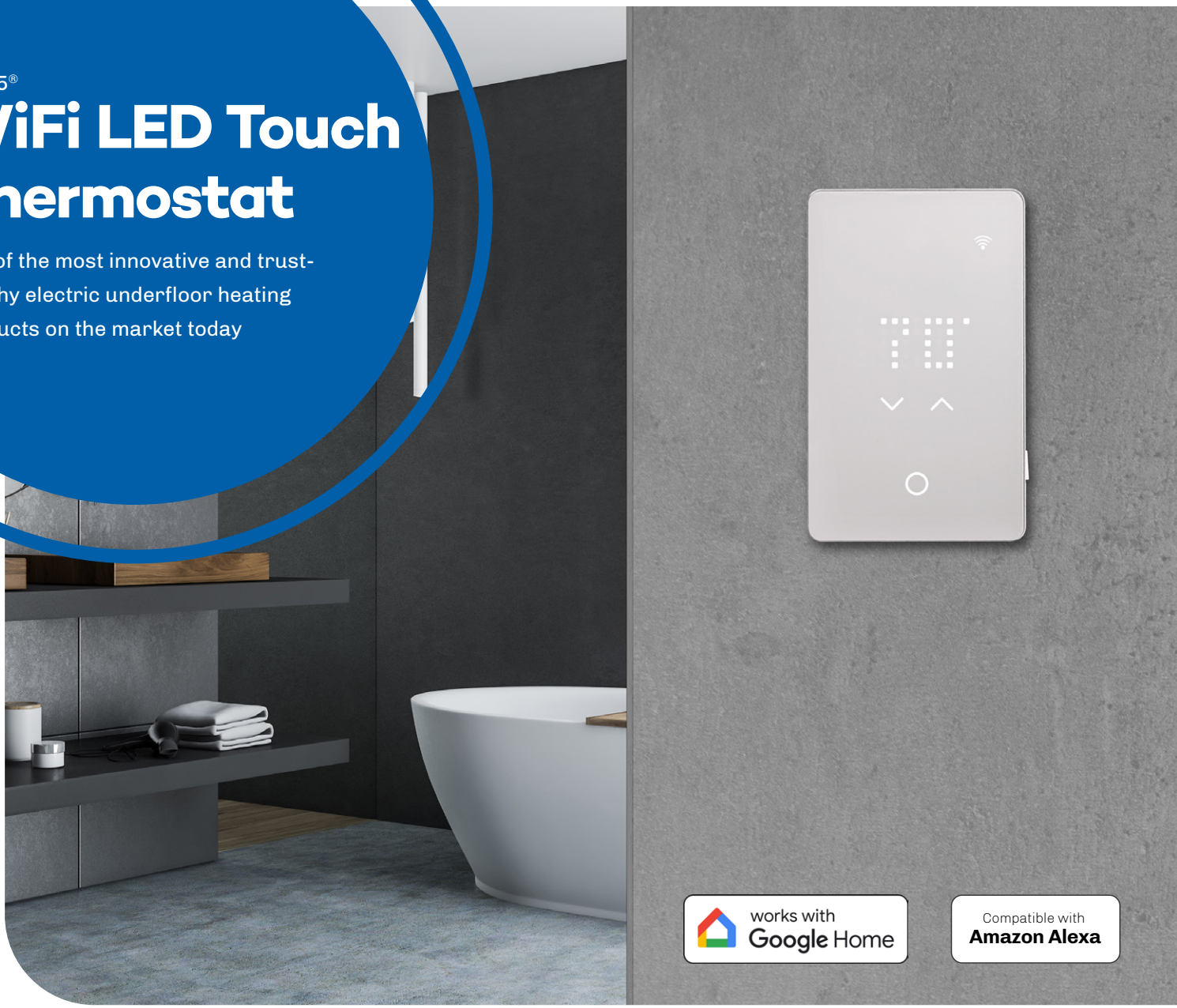
Ideal Combination of Form and Function

OJ ELECTRONICS

UWG5®

WiFi LED Touch Thermostat

One of the most innovative and trust-worthy electric underfloor heating products on the market today



Reliable, Stylish and Easy-to-Install

The new UWG5® WiFi LED touch thermostat is a smart choice for any of your customers – home or business. It is the perfect solution for those who want to upgrade their comfort level without breaking the bank. With its sleek design and easy installation wizard, the UWG5 will become a favorite among contractors and end-users.

The UWG5® is designed for electric underfloor heating and is simple and fast to install. This new release features a wizard that quickly walks contractors through the setup without the need to connect a mobile phone to complete the process. This installation wizard shows easy-to-follow instructions on the thermostat, so they will not require extra support from you or spending time reading manuals.

- WiFi / Cloud access
- Bluetooth® support for local connection
- TLS 1.3 security protocol
- Remote control
- Voice control
- Exclusive app

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Thermostats for Standard Applications

Choose from our range of thermostats for standard applications, including UWG5, UWG4, UDG4, UTN4, and UDG models. These thermostats are equipped with a built-in GFCI (Ground Fault Circuit Interrupter), ensuring personal safety in case of ground faults. The GFCI has a Class A trip level of 5 mA, providing an extra layer of protection for you and your electrical system. Experience reliable temperature control and peace of mind with our GFCI-enabled thermostats.

GFCI with a 5mA trip level provides a higher level of personal safety by quickly detecting and interrupting electrical circuits in the event of a ground fault. It is commonly used in residential and commercial spaces where personal safety is a primary concern.

KNOW HOW CREATES

	Product type	Product features	EAN-number
	UWG5-4999	WiFi LED Touch Thermostat • Bluetooth® • Voice control • Programmable • Class A GFCI • 15A, 10K	5703502910178
	UWG4-4999	WiFi Touch Thermostat • Voice control • Programmable • Class A GFCI • 15A, 10K	5703502900520
	UDG4-4999	Touch Thermostat • Programmable • Class A GFCI • 15A, 10K	5703502900513

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What makes this thermostat so special is that it's not just **simple**, **fast**, **secure**, and **high-tech**, but it's also charming. Its **elegant white design** and the uninterrupted plain surface are discreet and made to fit perfectly in every environment.

We got all the detail when creating the UWG5®!

	Product type	Product features	EAN-number
	UDG4-4999-N4	Touch Thermostat • Black • Programmable • Class A GFCI • 15A, 10K	5703502903736
	UTN4-4999	Thermostat • Non programmable • Class A GFCI • 15A, 10K	5703502900506
	UDG-4999	Thermostat • Programmable • Class A GFCI • 15A, 10K	5703502640518

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Thermostats for Special Applications

Explore our thermostats for special applications, such as AWG5, AWG4, ADG4, ATN4, and ADG models. These thermostats feature an EGFPD (Equipment Ground Fault Protection Device), providing equipment protection in case of ground faults. The EGFPD has a trip level of 15 mA, ensuring the safe operation of your electrical equipment. Tailor your electric floor heating system to meet your unique requirements with our specialized EGFPD-enabled thermostats.

KNOW HOW CREATES

	Product type	Product features	EAN-number
	AWG4-4999	WiFi Touch Thermostat • Programmable • EGFPD (15 mA) • Voice control • 15A, 10K	5703502905426
	ADG4-4999	Touch Thermostat • Programmable • EGFPD (15 mA) • 15A, 10K	5703502904504
	ATN4-4999	Thermostat • Non programmable • EGFPD (15 mA) • 15A, 10K	5703502904511
	ADG-4999	Thermostat • Programmable • EGFPD (15 mA) • 15A, 10K	5703502640921
	MTC-1991UFH	Manual Thermostat • Non Programmable • 240V, 16A, 10', 12K	5703502640891
	MTC-2991UFH	Manual Thermostat • Non Programmable • 120V, 16A, 10', 12K	5703502640495

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Accessories

Enhance the performance of your electric floor heating system with our accessories. Our power modules, such as the USG and ASG, provide efficient and reliable power distribution, optimizing the overall performance of your system. Additionally, our thin floor sensor with flat wire offers precise temperature sensing, allowing for accurate control of your electric floor heating. With these accessories, you can maximize the efficiency and comfort of your electric floor heating setup.

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	Product type	Product features	EAN-number
	USG5-4000	Power Module • Relay heat indicator • Class A GFCI • Works with UWG5, UWG4, UDG4, UTN4, and UDG • 15A	5703502910932
	USG-4000	Power Module • Class A GFCI • Works with UWG4, UDG4, UTN4, and UDG • 15A	5703502640549
	ASG-4000	Power Module • EGFPD (15 mA) • Works with AWG4, ADG4, ATN4, and ADG • 15A	5703502640945

	Product type	Product features	EAN-number
	ETF-110/99C	Floor temperature sensor • Works with UWG5, UWG4, UDG4, UTN4, UDG, AWG4, ADG4, ATN4, and ADG • 15', 10K	5703502903361

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Winterline®

We have used our extensive experience with thermostats and sensors to develop a range of ice and snow melting systems that will keep pipes, driveways, roofs etc. safe during even the harshest winters.

Save energy with intelligent sensing

Our ice and snow melting system will set in only when the outdoor temperature drops below the selected setting, and the sensors actually detect snow or ice. This way your system only uses energy when it is needed.

Can handle two zones simultaneously

The system can handle two systems at the same time. For example, you can use them to ensure efficient melting in gutters and a park area at the same time. The system can be used both with electric and hydronic systems, giving all system designers maximum flexibility.

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	Product type	Product features	EAN-number
	ETO2-4550-US28	Snow and ice melt controller for two zones • 3x16A relays onboard • Can control multiple relays	5703502660257
	ETOP-4770	Snow and ice melt controller for placement in harsh environment • Single zone with 3x30A realys	5703502906164
	ETOG-56	Ground sensor for temperature and moist • Supports tube mounting with ETOK • 25m/80'	5703502660356
	ETOK-1	Mounting kit for ETOG-56 • Sensor tube	5703502660363

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	Product type	Product features	EAN-number
	ETOG-55-US224	Ground sensor for temperature and moist • 10m/33'	5703502660264
	ETF-744/99	Outdoor sensor for detection of air temperature • Housing IP54 (~NEMA 3)	5703866101854
	ETOP-R	Remote control for ETOP	5703502906171
	ETOP-R-RB	Remote control for ETOP with box for on wall mounting	5703502906966
	ETOR-55-US224	Gutter sensor for moist detection • 10m/33ft	5703502660271
	ETO2-BOX	Protection box for ETO2	5703502900315

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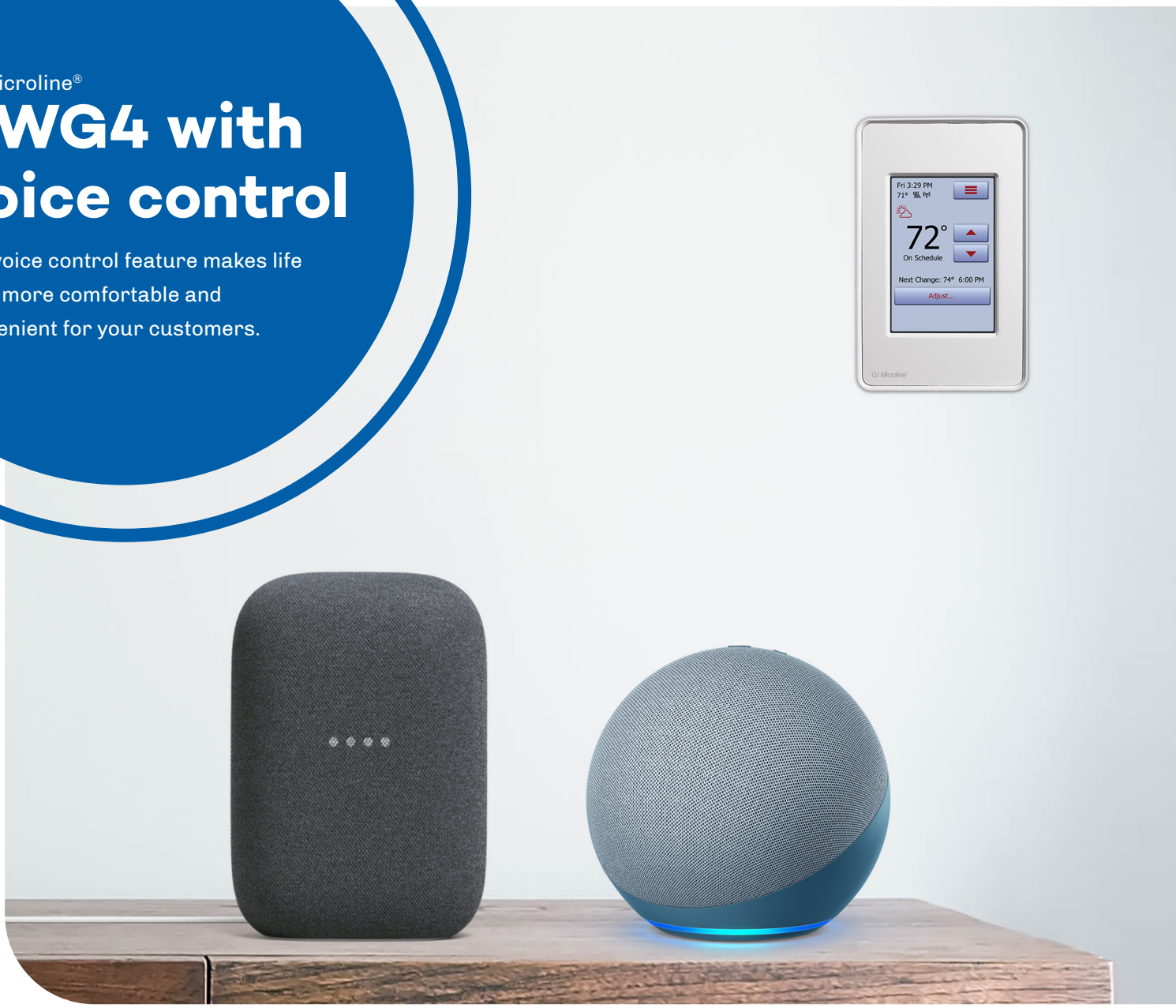
OJ Microline®

UWG4 with voice control

The voice control feature makes life even more comfortable and convenient for your customers.



Smart home compatible

works with Google Home

Compatible with **Amazon Alexa**

Turning the temperature of floor heating up and down has just gotten easier. From mid April, your customers will be able to use Amazon Alexa and Google Assistant-enabled devices such as Amazon Echo, Echo Dot and Echo Plus, as well as Google Nest Audio and Google Nest Mini. This allows them to save money, reduce energy consumption and experience more flexibility.

With simple voice commands they can adjust the temperature - without having to get up from the couch or wash their hands while cooking. To make life even simpler, they can create routines for their thermostats or use geofencing to ensure a cozy home when the owners are home and save money while they are out.

With the new voice control feature, costumers get:

- Easy temperature adjustment
- Touch free control
- Multilingual function
- Intelligent assistance

Google, Google Home, Google Nest Audio, and Google Nest Mini are trademarks of Google LLC. Nest Audio and Nest Mini require a Wi-Fi network, a nearby electrical outlet, a Google Account, and a compatible mobile device. Minimum OS requirements are available at g.co/home/req. Google Assistant-enabled device required. Google Assistant is not available in certain languages and countries. Amazone Echo, Echo dot and Echo Plus are trademarks of Amazon.com Inc. or its affliliates.

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Contact

Kurt Neuswanger

Region Manager North America

Phone: +1 84 76 82 48 23

Email: kne@ojelectronics.com

Peter H. Nielsen

Global Account Manager

Phone: +45 29 37 97 01

Email: phn@ojelectronics.com

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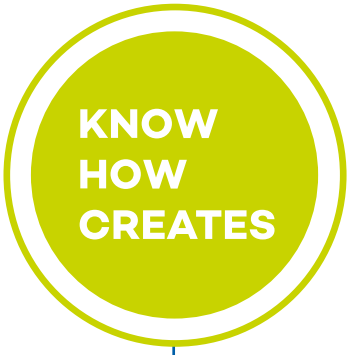
The OJ Way



The OJ Way is the unique tie-in of product leadership, global supply chain, perfect platforms for customisation, industry best quality processes, and a diamond partnership in one coherent package.

All processes are focused on the same general goal – to improve the climate through electronic controls - for people, planet, and partners.

In this way, we help you differentiate in the market.

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OJ ELECTRONICS A/S

Headquarters
Stenager 13 B
6400 Sønderborg
Denmark

www.ojelectronics.com