

WARM-ON

PRODUCT CATALOGUE

100%
QUALITY
CONTROL

30+
YEARS
of experience

+100 000
successful
INSTALLATIONS

>75 000
satisfied
CUSTOMERS





CONTENTS

About us.....	4
Electric underfloor heating mats WARMON.....	6
Technical data	11
Double-core heating mat with aluminium foil WARMON ALU	12
HEATED CARPET.....	14
THERMOSTATS	16
Thermostat OneKeyElectro 25	18
Thermostat TS500.....	20
Thermostat TS300.....	24
Thermostat TS100	28
Thermostat TS50	30
Thermostat TS25	32
ANTI-FREEZE PROTECTION SOLUTIONS	34
PipeMate	36
RoofMate	37
WATER LEAK DETECTION & PROTECTION SYSTEMS.....	40
Stahlmann AquaPro.....	41
Stahlmann Smart Wi-Fi Ball Valve	42
Stahlmann AquaPro WiFi Sensor	44
StahlmannAquaPro W25 WiFi Sensor	45
Stahlmann AquaPro Pro System.....	46

ABOUT US

Since 2015, **warm-on GmbH** has been at the forefront of delivering world-class home comfort solutions across Europe. What began as a focused mission to bring safe and efficient underfloor heating into homes has grown into a trusted brand recognized for its commitment to innovation, reliability, and customer satisfaction.

With over 100,000 heating mats sold and more than 75,000 satisfied customers, warm-on has firmly established itself as a leader in the European market. Our products are widely available through major platforms such as Amazon, Leroy Merlin, ManoMano, Hornbach, Castorama, BOL.be, and Direct Industry, reflecting the strong demand and confidence that both consumers and professionals place in our brand. Today, warm-on solutions can be found in over **60 countries**, integrated into homes, offices, and industrial facilities.

At the heart of our success lies our dedication to quality.

We proudly operate our own ISO 9001-certified manufacturing facility, giving us complete control over production and ensuring that every product meets the highest standards of safety, performance, and durability.

100%

QUALITY CONTROL,

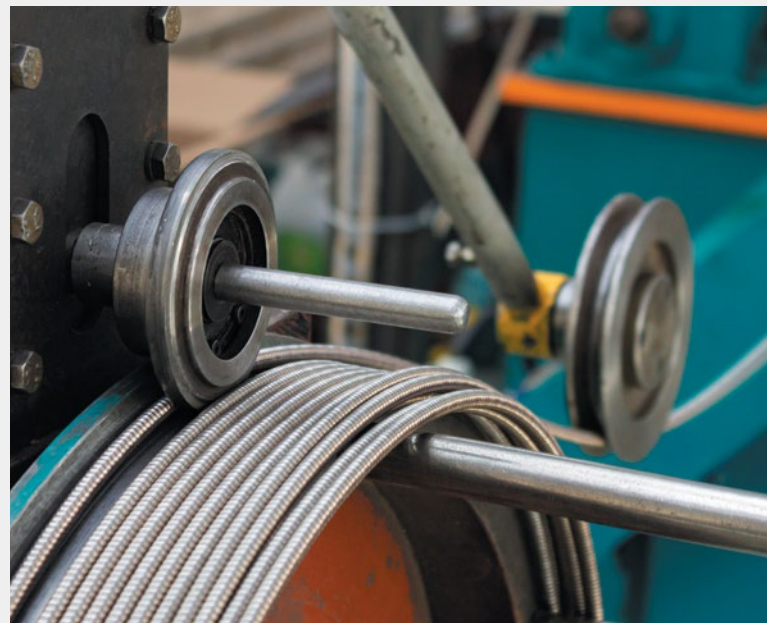
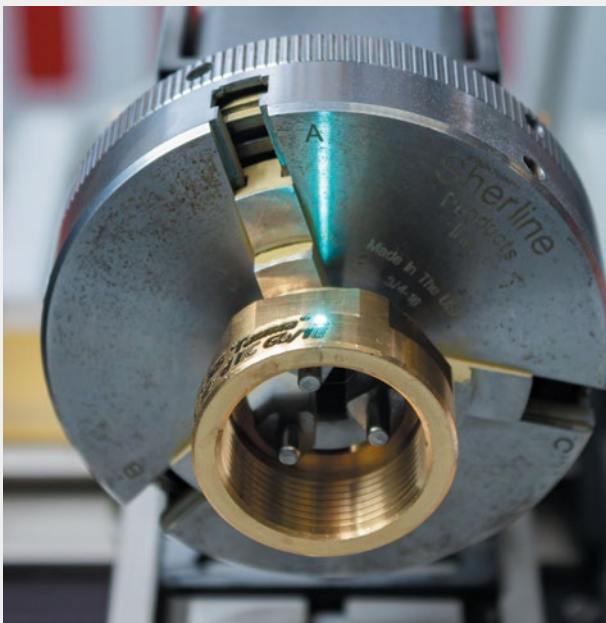
is the commitment that allows us to offer one of the industry's most robust guarantees —

A 30-YEAR WARRANTY

on our underfloor heating systems.

But warm-on is more than just heating. Our portfolio now includes Stahlmann corrugated stainless steel pipes with advanced leakage protection systems, and the OneKeyElectro range of designer switches, sockets, and thermostats. Each product combines functionality, efficiency, and modern design to meet the demands of both residential and commercial spaces.

Driven by our core values — safety, comfort, energy efficiency, and sustainable innovation—we continue to develop solutions that align with German design principles and strict European standards. As we grow, our mission remains the same: to deliver high-quality, reliable products that make homes and workplaces safer, warmer, and smarter.



WARMON

Electric Underfloor Heating Mats



ENERGY
SAVING

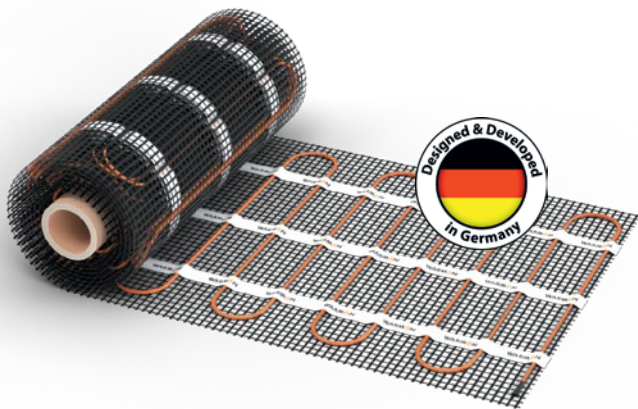


ZERO HARMFUL
SUBSTANCE
EMISSIONS



WARMON

Electric Underfloor Heating Mats



Underfloor heating is a cost-efficient and highly practical way to heat the beautiful but cold flooring of your home. It provides thermal comfort and even heat distribution throughout the room. Installation costs are low and installation is quick and simple. The underfloor heating brings warmth and comfort to your home.

Premium comfort

A perfect way to create comfortable thermal conditions in rooms is to use underfloor heating. The heat is evenly distributed from underneath, allowing you to create the optimum thermal climate in your room. The underfloor heating can be used as a central or supplementary heating system.

Environmentally friendly heating

Electric underfloor heating is an environmentally friendly way to heat your home and create a cosy and warm environment. Imagine consistently dry, comfortably warm floors without any air or dust circulation. This system helps maintain balanced humidity levels, reduces the accumulation of cold air near the floor, and minimizes the drying effect often caused by conventional heating. Underfloor heating also promotes a healthier indoor climate excellent for children's play, pets' wellbeing and the whole family's enjoyment.

Aesthetic design

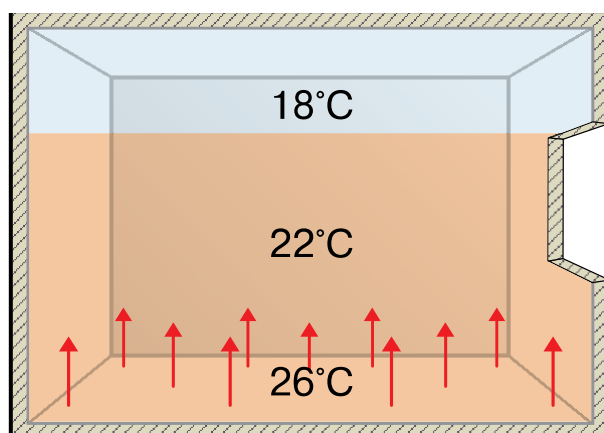
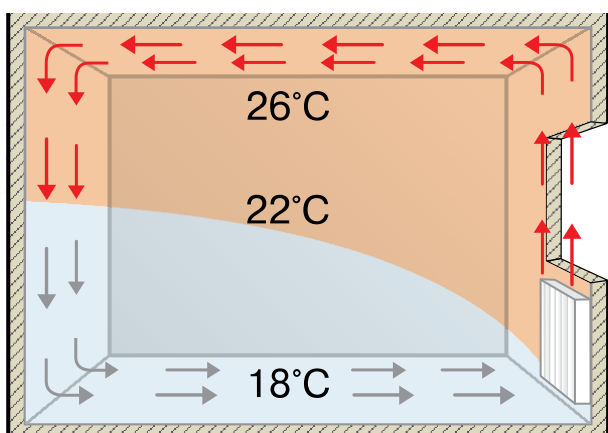
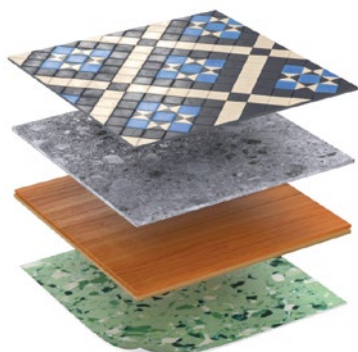
Compared to traditional heating systems, underfloor heating is completely invisible. It is built into the floor structure, giving you space and design freedom. Say goodbye to bulky radiators and visible heating units — enjoy the freedom to shape your space without compromise.

Easy installation

Underfloor heating systems are easy to install. They are suitable for all types of rooms: bedrooms, bathrooms, children's rooms, offices, kitchens, etc. This heating system is compatible with a wide range of flooring types. Underfloor heating is best suited to 'cold' floors such as ceramic tiles, marble and granite.

FOR FLOORING TYPES:

- Ceramic tile
- Porcelain stoneware
- Laminate
- Linoleum
- Carpet



Low costs

Underfloor heating systems allow you to reduce your heating costs. Installing the heating system under the floor provides an increased surface area for heat emission. The close proximity to the floor ensures fast and optimal heating. Meanwhile, a smart electronic thermostat keeps the room comfortable by automatically switching the heating on and off as you wish. When you leave, the smart appliance is in low-power mode. When you return, the house is warm enough. Underfloor heating only works when you need it. This can significantly reduce your heating costs.

Long-lasting performance. Safety. Warranties.

The durability of underfloor heating systems is ensured by the highest quality components and innovative technologies. Warm floors are manufactured in full compliance with European quality standards and are completely safe. As a manufacturer we offer the highest factory guarantees for our products.

PRODUCT RANGE

Product type	Linear power output, W/m	Power output, W/m ²	Double-core cable	Protection class	Main heating	Additional heating	Maximum temperature, °C
Heating mat WARMON LIGHT (100)	9-11	100	+	IP67		+	80
Heating mat WARMON CLASSIC (150)	12	150	+	IP67	+	+	80
Heating mat WARMON ULTRA (200)	13-16	200	+	IP67	+	+	80

DESCRIPTION

Application

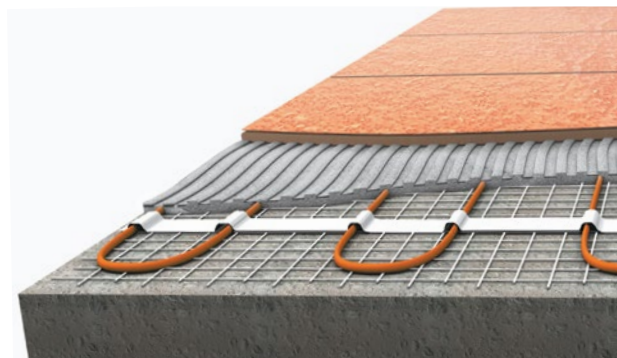
The WARMON heating mat is used for comfortable underfloor heating. The mat can be easily laid in a thin layer of tile adhesive (8-10 mm) under any floor covering: tiles, marble, carpet, etc. Suitable for all types of rooms, it can be easily installed both on a new surface and on an existing floor in the case of renovation work, especially when it is important to keep the thickness of the floor structure small.

Construction

The WARMON double-core heating mat consists of a shielded double-core cable mounted on a fibre mesh. The heating mat is equipped with a cold lead, a reliable coupling and an end termination. The cable is fixed to the self-adhesive mesh - there is no need to adjust the wire spacing or fix the cable to the floor surface. As there is only one connection wire, the double-core mat is easy to install, reducing installation costs.

APPLICATION

Application		Installation	
Main heating	☒	Mortar	☐
Additional heating	☒	Tile adhesive layer	☒

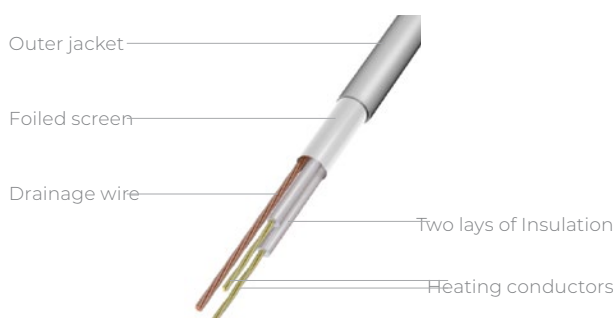


FEATURES

- The best solution for rooms with low ceilings
- Cost-effective and energy-saving system
- Wide power output range
- Proven long lasting performance
- Self-adhesive mat
- Easy installation

CABLE DESIGN

Double-core heating cable WARMON



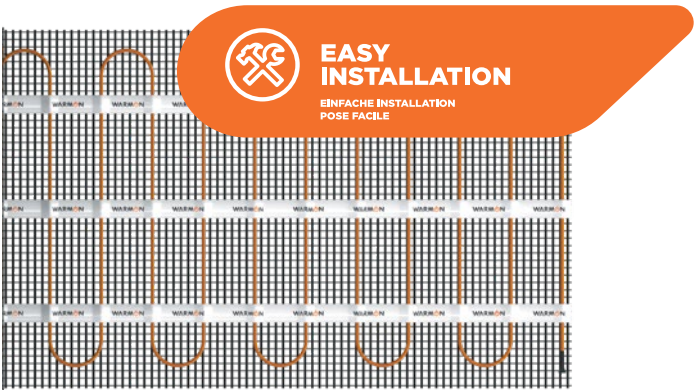
TECHNICAL DATA

Rated voltage	230 VAC
Power	100W, 150W, 200W
Maximum operation temperature	90 °C
Minimum operation temperature	-10 °C
Minimum storage temperature	-20 °C
Minimum installation temperature	-10 °C
Installation width	0.5 m
Cable diameter	approx. 3.5-5.0 mm
Cold lead length	up to 3 m ² (inclusive) -3 m, over 3 m ² - 4 m
Cable color	orange
Mesh color	black

INSTALLATION

A thermostat with a suitable temperature sensor is required to install the heating mat. The temperature sensor should be placed in a corrugated pipe and embedded in the floor in the middle of a cable loop. The thermostat should be mounted on the wall in the most convenient location for you. Applicable standards, regulations and data sheets, as well as instructions and manuals, must be observed! Detailed installation instructions can be found in the installation manual.

DELIVERY KIT



Heating mat
Warm-on

- 1. Temperature sensor
- 2. Closing plug
- 3. Plastic corrugated pipe
- 4. User manual

JOINT PRODUCTS

Thermostats (pages 13-25)

ORDERING INFORMATION

Heating mat WARMON CLASSIC (150)-150-1.00

Product reference: type _____
of the heating mat _____
Power, W _____
Area, m² _____

APPROVALS

The product meets all necessary requirements



TECHNICAL DATA

WARMON CLASSIC LIGHT 100	$\lambda > \lambda_1$, m	$\lambda < \lambda_1$, m	m ²	W	Ω @ +20°C (-5%, +10%)		A	Order code
WARMON CLASSIC LIGHT (100)-100-1.00	0.5	2	1.0	100	516.04	490.23 - 567.64	0.45	4262459722940
WARMON CLASSIC LIGHT (100)-150-1.50	0.5	3	1.5	150	344.81	327.57 - 379.29	0.67	4262459722957
WARMON CLASSIC LIGHT (100)-200-2.00	0.5	4	2.0	200	256.41	243.58 - 282.05	0.90	4262459722964
WARMON CLASSIC LIGHT (100)-250-2.50	0.5	5	2.5	250	199.64	189.66 - 219.61	1.10	4262459722971
WARMON CLASSIC LIGHT (100)-300-3.00	0.5	6	3.0	300	158.92	150.98 - 174.82	1.38	4262459722988
WARMON CLASSIC LIGHT (100)-350-3.50	0.5	7	3.5	350	141.45	134.37 - 155.59	1.52	4262459722995
WARMON CLASSIC LIGHT (100)-400-4.00	0.5	8	4.0	400	122.19	116.08 - 134.41	1.76	4262459723008
WARMON CLASSIC LIGHT (100)-500-5.00	0.5	10	5.0	500	94.03	89.33 - 103.44	2.29	4262459723015
WARMON CLASSIC LIGHT (100)-600-6.00	0.5	12	6.0	600	79.82	75.83 - 87.80	2.74	4262459723022
WARMON CLASSIC LIGHT (100)-700-7.00	0.5	14	7.0	700	71.52	67.94 - 78.67	3.06	4262459723039
WARMON CLASSIC LIGHT (100)-800-8.00	0.5	16	8.0	800	65.79	62.50 - 72.37	3.33	4262459723046
WARMON CLASSIC LIGHT (100)-1000-10.00	0.5	20	10.0	1000	43.50	41.33 - 47.85	4.60	4262459723053
WARMON CLASSIC LIGHT (100)-1200-12.00	0.5	24	12.0	1200	36.39	34.57 - 40.03	5.50	4262459723060
WARMON CLASSIC LIGHT (100)-1400-14.00	0.5	28	14.0	1400	30.98	29.44 - 34.08	6.45	4262459723077

WARMON CLASSIC 150 W/m ²	$\lambda > \lambda_1$, m	$\lambda < \lambda_1$, m	m ²	W	Ω @ +20°C	(-5%, +10%)	A	Order code
WARMON CLASSIC (150)-150-1.00	0.5	2	1.0	150	369.44	350.96 - 406.38	0.62	4262449880070
WARMON CLASSIC (150)-225-1.50	0.5	3	1.5	225	226.53	215.21 - 249.19	1.02	4262449880087
WARMON CLASSIC (150)-300-2.00	0.5	4	2.0	300	167.56	159.18 - 184.31	1.31	4262449880094
WARMON CLASSIC (150)-375-2.50	0.5	5	2.5	375	130.00	123.50 - 143.00	1.68	4262449880100
WARMON CLASSIC (150)-450-3.00	0.5	6	3.0	450	113.56	107.88 - 124.91	1.89	4262449880117
WARMON CLASSIC (150)-525-3.50	0.5	7	3.5	525	92.97	88.32 - 102.27	2.31	4262449880124
WARMON CLASSIC (150)-600-4.00	0.5	8	4.0	600	83.67	79.49 - 92.04	2.57	4262449880131
WARMON CLASSIC (150)-750-5.00	0.5	10	5.0	750	64.99	61.74 - 71.49	3.37	4262449880155
WARMON CLASSIC (150)-900-6.00	0.5	12	6.0	900	53.97	51.27 - 59.37	4.06	4262449880162
WARMON CLASSIC (150)-1050-7.00	0.5	14	7.0	1050	46.18	43.87 - 50.80	4.74	4262449880179
WARMON CLASSIC (150)-1200-8.00	0.5	16	8.0	1200	36.53	34.70 - 40.18	5.48	4262449880186
WARMON CLASSIC (150)-1500-10.00	0.5	20	10.0	1500	29.82	28.33 - 32.80	6.71	4262449880193
WARMON CLASSIC (150)-1800-12.00	0.5	24	12.0	1800	26.06	24.76 - 28.67	7.67	4262449880209
WARMON CLASSIC (150)-2100-14.00	0.5	28	14.0	2100	22.49	21.36 - 24.73	8.89	4262449880216

WARMON ULTRA 200 W/m ²	$\lambda > \lambda_1$, m	$\lambda < \lambda_1$, m	m ²	W	Ω @ +20°C	(-5%, +10%)	A	Order code
WARMON ULTRA (200)-200-1.00	0.5	2	1.0	200	264.35	251.13 - 290.79	0.87	4262449880391
WARMON ULTRA (200)-300-1.50	0.5	3	1.5	300	156.86	149.02 - 172.55	1.40	4262449880407
WARMON ULTRA (200)-400-2.00	0.5	4	2.0	400	115.55	109.77 - 127.10	1.86	4262449880414
WARMON ULTRA (200)-500-2.50	0.5	5	2.5	500	95.63	90.84 - 105.19	2.25	4262449880421
WARMON ULTRA (200)-600-3.00	0.5	6	3.0	600	80.68	76.65 - 88.75	2.66	4262449880438
WARMON ULTRA (200)-700-3.50	0.5	7	3.5	700	68.65	65.22 - 75.52	3.19	4262449880445
WARMON ULTRA (200)-800-4.00	0.5	8	4.0	800	61.57	58.49 - 67.73	3.56	4262449880452
WARMON ULTRA (200)-1000-5.00	0.5	10	5.0	1000	49.35	46.88 - 54.28	4.44	4262449880476
WARMON ULTRA (200)-1200-6.00	0.5	12	6.0	1200	41.62	39.54 - 45.78	5.26	4262449880483
WARMON ULTRA (200)-1400-7.00	0.5	14	7.0	1400	32.79	31.15 - 36.07	6.10	4262449880490
WARMON ULTRA (200)-1600-8.00	0.5	16	8.0	1600	28.49	27.07 - 31.34	7.02	4262449880506
WARMON ULTRA (200)-2000-10.00	0.5	20	10.0	2000	22.80	21.66 - 25.08	8.77	4262449880513
WARMON ULTRA (200)-2400-12.00	0.5	24	12.0	2400	19.10	18.14 - 21.01	10.47	4262449880520
WARMON ULTRA (200)-2800-14.00	0.5	28	14.0	2800	16.38	15.56 - 18.01	12.21	4262449880537

WARMON ALU

Double-core heating mat with aluminium foil

Easy installation in 10 minutes!

UNIQUE TECHNOLOGY

Warmon Alu is a thin underfloor heating system based on an ultra compact heating cable laid between aluminium foil layers. It can be used for comfortable floor heating without the need for major reconstruction works, installed directly under your floor coating and provides comfortable warmth in rooms of any type.

ADVANTAGES

- **Only 1.5 mm thick**
- Does not alter the floor level
- Quick installation without insulation and adhesive in 10 minutes
- Safe solution for children's rooms
- Superstrong aluminium-PET base
- No electric field
- Water-protected
- **30-year warranty**

CABLE DESIGN

Double-core heating cable WARMON ALU



1. Multiwire heating cores
2. Insulating thermoplastic elastomer



30 YEAR WARRANTY



1. Insulated heating cable between two aluminium foil layers glued together
2. Coupler with groundwire
3. Installation wire

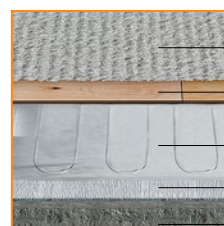
INSTALLATION

Under laminate / parquet



Laminate/parquet strips
Alu heating mat
Base plate
Floor base

Under linoleum / carpet



Linoleum/carpet
MDF/plywood
Alumia heating mat
Base plate
Floor base

CABLE SPECIFICATIONS

Supply voltage	~220 V
Power	150 W/m ²
Maximum operation temperature	+90 °C
Minimum installation temperature	-10 °C
Minimum storage temperature	-20 °C
Cable diameter	1,18–1,62 mm

PRODUCT REFERENCES

WARMON ALU 150 W/m2	l<>l, m	$\frac{l}{v}$, m	m ²	W	Ω @ +20°C (-5%, +10%)		A	Order code
WARMON ALU (150)-150-1.00	0.5	2	1.0	150	320.78	304.74 - 352.85	0.72	4262459723091
WARMON ALU (150)-225-1.50	0.5	3	1.5	225	240.69	228.66 - 264.76	0.96	4262459723107
WARMON ALU (150)-300-2.00	0.5	4	2.0	300	171.12	162.57 - 188.24	1.28	4262459723114
WARMON ALU (150)-375-2.50	0.5	5	2.5	375	131.49	124.91 - 144.63	1.63	4262459723121
WARMON ALU (150)-450-3.00	0.5	6	3.0	450	108.91	103.46 - 119.80	1.97	4262459723138
WARMON ALU (150)-525-3.50	0.5	7	3.5	525	95.63	90.84 - 105.19	2.25	4262459723145
WARMON ALU (150)-600-4.00	0.5	8	4.0	600	84.47	80.25 - 92.92	2.54	4262459723152
WARMON ALU (150)-750-5.00	0.5	10	5.0	750	68.41	64.99 - 75.26	3.20	4262459723169
WARMON ALU (150)-900-6.00	0.5	12	6.0	900	57.77	54.88 - 63.55	3.79	4262459723176
WARMON ALU (150)-1050-7.00	0.5	14	7.0	1050	43.32	41.16 - 47.65	4.62	4262459723183
WARMON ALU (150)-1200-8.00	0.5	16	8.0	1200	38.82	36.88 - 42.70	5.15	4262459723190
WARMON ALU (150)-1500-10.00	0.5	20	10.0	1500	31.41	29.84 - 34.55	6.37	4262459723206
WARMON ALU (150)-1800-12.00	0.5	24	12.0	1800	25.95	24.65 - 28.54	7.71	4262459723213
WARMON ALU (150)-2250-15.00	0.5	30	15.0	2250	20.78	19.74 - 22.86	9.62	4262459723220

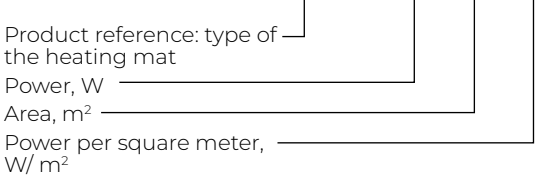
APPROVALS

The product meets all necessary requirements

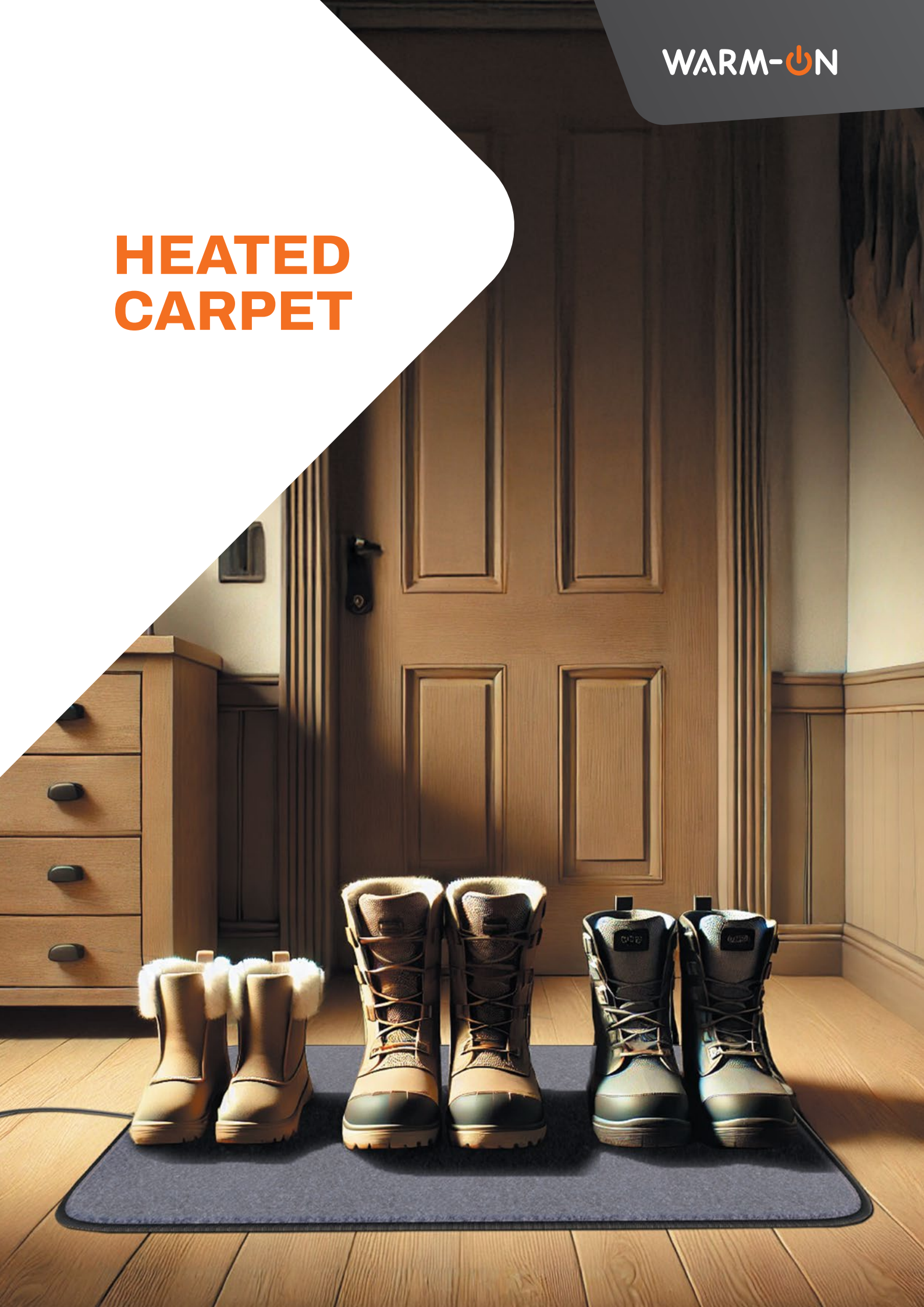


ORDERING INFORMATION

Heating mat WARMON ALU-(150)-225-1,50



HEATED CARPET





DESCRIPTION

The Heated Carpet may be used for:

Shoe cleaning at the entrance to rooms (offices, halls, lobbies, kitchens, etc.). Heated carpets increase protection against dust and dirt.

Drying wet shoes. The result is that your shoes are always dry and well cared for.

Warm feet. Heated carpets keep your feet comfortable and warm.

The Heated Carpet is designed for use on floors only. We recommend it for use on the following types of floor: ceramic or stone tiles, laminate and linoleum.

INSTALLATION

No additional preparations necessary.

PRODUCT REFERENCES

Heated carpet			
Type	Dimensions, cm	Rated power, W	Order code
Heated carpet 80 x 50	80×50	70	4262459726788

COLOR EXAMPLES



Dark grey

FEATURES

- Fast and even heating
- Easy to clean of dust and dirt
- Ideal for any location: entrance hall, lounge, living room, study, office
- Safe and durable
- Easy to use and maintain

DESIGN

The power supply cable is fitted with a grounded plug



TECHNICAL DATA

Rated voltage	220-240 VAC
Operation temperature	+5 ... 40 °C
Power cable	1.7 m
Protection class	I
IP rating	IP67

ORDERING INFORMATION

Heated carpet Heated carpet 80×50

Product reference: _____
Dimensions, cm

APPROVALS

The product meets all necessary requirements



THERMOSTATS





Thermostat

OneKeyElectro 25

WIFI Touch



The OneKeyElectro 25 WIFI Touch is an advanced thermostat designed for precise control of underfloor heating systems, combining modern aesthetics with cutting-edge technology. This in-house developed model seamlessly integrates with the OneKeyElectro wiring accessories line, ensuring a stylish and unified look in any interior.

The OneKeyElectro 25 WIFI Touch is the perfect combination of elegant design, intelligent features, and energy-efficient heating control – ideal for modern homes and smart environments.

TECHNICAL DATA

Brand	ONEKEYELECTRO
Order code	4262459726801
Power Supply	230V AC
Maximum Load	16A (3.68 kW)
Power Consumption	Max. 5W
Temperature Range	+5°C to +40°C
Temperature Control Limits	+5°C to +45°C
Display Type	Monochrome Touchscreen
IP Protection Class	IP21 (for indoor use)
Sensor Type	NTC 6.8 kOhm, 3m lead length
Dimensions	80 × 80 × 42 mm
Weight	150g
Certification	Complies with European Directives 2014/30/EU (EMC) & 2012/19/EU

FEATURES

- Wi-Fi Connectivity – Remote control via the Tuya Smart Life app
- Touchscreen Display – Intuitive monochrome interface for effortless adjustments
- 24/7 Programmable – Set customized heating schedules
- One-Touch Favorite Temperature – Instant access to your preferred comfort level
- Dual Temperature Sensors – Built-in room and external floor sensors for precise heating control
- Adaptive Heating Logic – Optimizes energy consumption for efficiency and comfort

EASY INSTALLATION & SMART CONTROL

- Quick installation into standard electrical boxes
- Supports EZ Config & Access Point Wi-Fi Setup
- Remote access and scheduling via Tuya Smart Life app

ADDITIONAL FEATURES

- Compatible with Multiple Heating Systems:
 - Heating Mats
 - Film Heaters
 - Heating Cables
 - Water Underfloor Heating (via 230V thermal head control)
- Compatible with OneKeyElectro Wiring Accessories – Perfect fit with Florence and Garda frames
- White Florence Plastic Frame Included

WARRANTY & RELIABILITY

- 2 years
- 100% Quality Control & Compliance with European Standards



Thermostat TS500

WiFi + Radar Smart white/black



Warm-On Flagship Smart Thermostat

Intelligent Presence Detection for Maximum Energy Efficiency

The Warm-On Smart Thermostat TS500 WiFi + Radar is the most advanced thermostat in the Warm-On portfolio. In addition to all TS500 WiFi features, it incorporates an intelligent PIR + 24 GHz Radar presence detection system, automatically adapting heating to real occupancy for maximum comfort and reduced energy consumption.

Built with an innovative magnetic front panel mounting system, 5-year warranty, and compatibility with Gira, ABB, Schneider, Jung, ELKO and KEF frame systems, it combines premium design with exceptional installation flexibility. Unlike conventional motion sensors, its advanced radar technology detects real human presence — even during minimal movement — helping create a smarter, more energy-efficient and sustainable home.

TECHNICAL DATA

Colours	White / Black
Power Supply	85–265V AC, 50/60Hz
Maximum Load	25A (≈5.7 kW)
Presence Detection	PIR + 24 GHz Radar
Display	Premium LED Touch Display
WiFi	2.4 GHz
App Compatibility	Tuya Smart / Smart Life
Sensor	Room / Floor / Combined
Floor Sensor	NTC 10 kΩ (3 m included)
Control Modes	Manual / Auto / ECO / Holiday / Anti-Freeze
Programming	7-Day / 5+2 / 24H
Installation	Standard EU Wall Box
Frame Compatibility	Gira, ABB, Schneider, Jung, ELKO & KEF
Mounting	Magnetic Front Panel
IP Rating	IP31

FEATURES

- Intelligent PIR + 24 GHz Radar Presence Detection
- Automatic energy saving based on occupancy
- High load capacity up to 25A (≈ 5.7 kW)
- Remote control via Tuya Smart & Smart Life
- Compatible with electric & water underfloor heating
- Innovative magnetic mounting system
- Premium LED touch display
- Weekly programmable schedule
- Multiple operating modes (Auto / Manual / ECO / Holiday / Anti-Freeze)
- NTC 10 k Ω floor sensor (3 m) included
- Compatible with Gira, ABB, Schneider, Jung, ELKO & KEF frame systems

TEMPERATURE CONTROL MODE:

- Manual mode

WARRANTY

- **5 years**
- Compliant with



Thermostat TS500

WiFi Smart white/black

NEW 2026



Warm-On Flagship Smart Thermostat

Premium Smart Thermostat for Electric & Water Underfloor Heating

The Warm-On Smart Thermostat TS500 WiFi is the flagship thermostat in the Warm-On range, combining elegant minimalist design with professional-grade performance and intelligent heating control. Designed for both electric and hydronic underfloor heating systems, it delivers exceptional reliability, intuitive operation and premium comfort.

Featuring a 25A switching capacity, an innovative magnetic front panel mounting system, and a 5-year warranty, the TS500 is built for long-term performance and effortless installation. Compatible with Gira, ABB, Schneider, Jung, ELKO and KEF frame systems, it integrates seamlessly into modern interiors while offering maximum installation flexibility for both residential and commercial projects.

TECHNICAL DATA

Colours	White / Black
Power Supply	85–265V AC, 50/60Hz
Maximum Load	25A (≈5.7 kW)
Display	Premium LED Touch Display
WiFi	2.4 GHz
App Compatibility	Tuya Smart / Smart Life
Sensor	Room / Floor / Combined
Floor Sensor	NTC 10 kΩ (3 m included)
Control Modes	Manual / Auto / ECO / Holiday / Anti-Freeze
Programming	7-Day / 5+2 / 24H
Installation	Standard EU Wall Box
Frame Compatibility	Gira, ABB, Schneider, Jung, ELKO & KEF
Mounting	Magnetic Front Panel
IP Rating	IP31

FEATURES

- High load capacity up to 25A (≈ 5.7 kW)
- Remote control via Tuya Smart & Smart Life
- Compatible with electric & water underfloor heating
- Innovative magnetic mounting system
- Premium LED touch display
- Weekly programmable schedule
- Multiple operating modes (Auto / Manual / ECO / Holiday / Anti-Freeze)
- NTC 10 k Ω floor sensor (3 m) included
- Compatible with Gira, ABB, Schneider, Jung, ELKO & KEF frame systems
- OTA software updates

TEMPERATURE CONTROL MODE:

- Manual mode

WARRANTY

- **5 years**
- Compliant with



TS300 WiFi Thermostat

Touchscreen Smart white/black



The TS300 WiFi is a high-end smart thermostat for electric and hydronic underfloor heating systems. Featuring a large, full-color 3.5" touchscreen, it allows remote control via the Smart Life / Tuya app and supports advanced programming with up to 6 time periods per day.

TECHNICAL DATA

Color	White/Black
Order code	White 4262516054014 / Black 4262516054021
Power Supply	90-240VAC 50/60Hz
Maximum Load	16A
Temperature Range	1°C – 70°C
Default Temperature Range	5°C – 35°C
Accuracy	±0.5°C
Sensor Type	NTC(10kΩ)±1%
Insulating Condition	Suitable for normal environment
Programming Cycle	7-day weekly programming
Contact Capacity:	3A (WW); 16A (WE)
Display Type	Touchscreen
Output	Relay switch
Installation	Flush mount (in-wall)
Dimensions	86×86×27 mm glass panel
Certifications	Complies with European Directives (EMC & Safety Standards)

FEATURES

- Remote control via Smart Life / Tuya app (iOS/Android)
- Weekly programmable schedule (5+2, 6+1, 7-day)
- Built-in + external floor sensors included
- Child lock, holiday mode, and open window detection
- $\pm 0.5^{\circ}\text{C}$ accuracy | $5\text{--}35^{\circ}\text{C}$ control range
- Stylish flush-mount glass panel (86x86mm)
- Power supply: 230V | Max load: 16A

WARRANTY

- 2 years
- Compliant with



TS300 Thermostat

Touchscreen Digital white/black



Designed for users who prefer offline control, the TS300 offers elegant touchscreen operation and full 7-day programming for both electric and water-based underfloor heating systems.

TECHNICAL DATA

Color	White/Black
Order code	White 4262516053987 / Black 4262516053994
Power Supply	90-240VAC 50/60Hz
Maximum Load	16A
Temperature Range	1°C – 70°C
Default Temperature Range	5°C – 35°C
Accuracy	±0.5°C
Sensor Type	NTC(10kΩ)±1%
Display Type	Touchscreen
Insulating Condition	Suitable for normal environment
Programming Cycle	7-day weekly programming
Contact Capacity:	3A (WW); 16A (WE)
Output	Relay switch
Installation	Flush mount (in-wall)
Dimensions	86×86×27 mm glass panel
Certifications	Complies with European Directives (EMC & Safety Standards)

FEATURES

- 3.5" full touch display with intuitive UI
- 6 programmable periods per day (weekly schedule)
- Supports electric and hydronic systems
- Built-in and external sensors included
- Holiday mode, child lock, open window detection
- Flush wall mount | 86x86 mm glass panel
- Power supply: 230V | Max load: 16A

WARRANTY

- 2 years
- Compliant with



TS100 Touch Thermostat

WIFI Touch white/black



The warm-on TS100 Touch Thermostat is designed for precise and efficient temperature control, ensuring optimal comfort for underfloor heating systems. With a sleek touchscreen interface, advanced dual-sensor technology, and frame compatibility with top brands, this thermostat is the perfect choice for modern homes.

The warm-on TS100 Touch Thermostat delivers style, intelligence, and energy-efficient heating control – ideal for modern smart homes.

TECHNICAL DATA

Color	White/Black
Order code	White 4262459728294 / Black 4262459728300
Power Supply	90-240V AC, 50/60Hz
Maximum Load	16A
Temperature Range	1°C – 70°C
Default Temperature Range	5°C – 35°C
Accuracy	±0.5°C
Sensor Type	NTC (10kΩ)
Display Type	Touchscreen
Dimensions	55x55mm (without frame), 82x82mm (with frame)
Certifications	Complies with European Directives (EMC & Safety Standards)

FEATURES

- Touchscreen Control – Intuitive operation with a sleek display
- Dual Sensor Technology – Built-in air and external floor sensors for accurate temperature management
- Temperature Precision – Maintains set temperature with $\pm 0.5^{\circ}\text{C}$ accuracy
- Flexible Programming – Supports 5+2, 6+1, and 7-day scheduling options
- Child Lock Function – Prevents accidental setting changes
- Memory Function – Retains settings during power outages
- Holiday Mode – Allows pre-programming of temperatures for up to 30 days
- Frame Compatibility – Designed to fit frames from Schneider, Legrand, ABB, Danfoss, Berker, ELKO wiring accessories

ADDITIONAL FEATURES

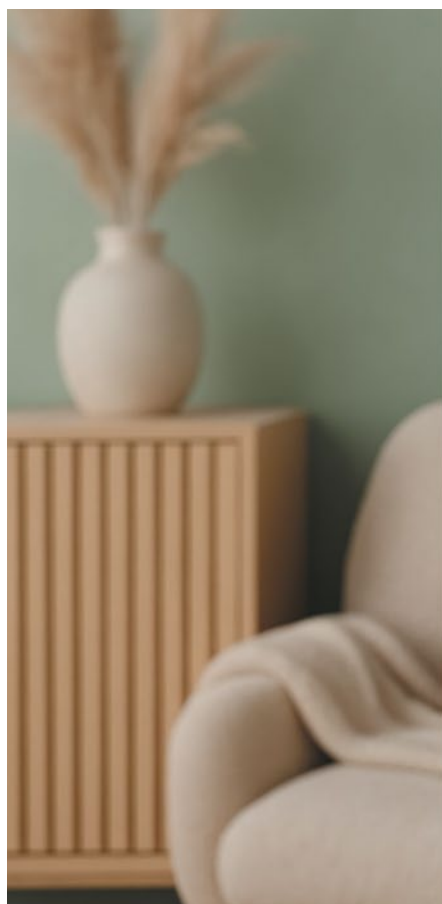
- Wi-Fi Connectivity – Control your thermostat remotely via the Smart Life app
- Voice Assistant Integration – Works with Amazon Alexa & Google Assistant for hands-free control.

SMART CONTROL & EASY INSTALLATION

- TS100 WiFi model allows remote access and voice commands for a fully connected home
- Quick and hassle-free installation, compatible with standard electrical boxes

WARRANTY & RELIABILITY

- 2 years
- Built with high-quality materials for long-term durability



TS50 Thermostat

Weekly Programmable

Non-WiFi white



The TS50 is a budget-friendly digital thermostat with 4 adjustable time periods per day. It includes floor and room sensors and is suitable for electric or hydronic heating systems.

TECHNICAL DATA

Color	White
Order code	4262516054038
Power Supply	230VAC, 50/60Hz
Current	Max 16A
Power Consumption	< 1W
Sensor Type	NTC (10kΩ)
Switching Differential	1°C
Temperature Setting Range	5°C–45°C (adjustable up to 95°C)
External Limit Range	5°C–60°C (with external sensor)
Accuracy	±1°C
Ambient Operating Conditions	-5°C to 50°C
Protection Class	IP20
Display Type	Touchscreen
Dimensions	86x86 mm glass panel
Certifications	Complies with European Directives (EMC & Safety Standards)

FEATURES

- LCD screen with button control
- 4 periods per day | 7-day schedule
- Floor + air sensors included
- Anti-freeze mode and open window detection
- Power: 230V | Max load: 16A | IP20

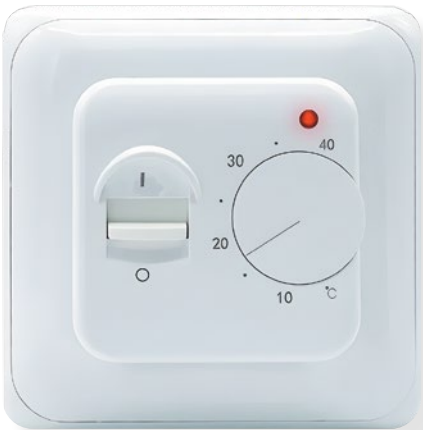
WARRANTY

- 2 years
- Compliant with



TS25 Thermostat

Analog white



The TS25 is a simple and highly reliable analog thermostat, perfect for cost-effective electric heating control in residential and rental properties.

TECHNICAL DATA

Color	White
Order code	4262516053093
Power Supply	AC230V(AC110V / AC24V available)
Current	16 A
Power Consumption	5 W
Temperature Setting Range	5 °C ~ 40 °C
Switching Differential	±0.5K
Ambient Temperature	- 5 °C ~ 50 °C
Sensor Type	NTC (10kΩ)
Protection Class:	IP20
Housing Material	Flame-retardant PC
Floor Sensor	Thermoplastic rubber NTC sensor, 3 m cable

FEATURES

- Manual temperature dial (5–40°C)
- LED heating indicator
- 3m external floor sensor included
- Easy-to-install wall-mounted design
- Flame-retardant PC housing
- Power supply: 230V | Max load: 16A

WARRANTY

- **5 years**
- Service life: 13 years
- Compliant with



ANTI-FREEZE PROTECTION SOLUTIONS



PipeMate & RoofMate

Heating Cables



At **warm-on GmbH**, we extend our expertise in electric heating to critical frost protection applications with our **PipeMate** and **RoofMate** solutions. Designed to safeguard infrastructure during harsh winters, these systems prevent freezing in pipes, roofs, and gutters—ensuring complete safety and reducing costly damage risks.



PipeMate – Reliable Pipe Freeze Protection



Protect your water supply and drainage systems with PipeMate self-regulating heating cables. Suitable for both metal and plastic pipes, PipeMate ensures uninterrupted flow in cold conditions, preventing pipe bursts and freezing.

PERFECT FOR:

- Residential & commercial plumbing
- Outdoor water systems
- Drainage & overflow protection

- **Self-Regulating Technology:**
Adjusts heat output automatically based on ambient temperature.
- **Versatile Application:**
Ideal for freshwater pipes, drainage, spillways, and tanks.
- **Durability Guaranteed:**
Operates in temperatures down to -30°C , with a max operating temp of 85°C .
- **Easy Installation:**
Pre-assembled lengths from 2m to 30m with plug & play connection.
- **Energy Efficient:**
Optimized performance when combined with thermal insulation.
- **Certified Safety:**
Compliant with IEC 60800:2021, RoHS, and WEEE directives.
- **5-Year Warranty:**
Backed by warm-on's commitment to reliability.



ORDER CODE

PipeMate 10W/m - 2 m	4262459727624
PipeMate 10W/m - 4 m	4262459727631
PipeMate 10W/m - 6 m	4262459727648
PipeMate 10W/m - 8 m	4262459727655
PipeMate 10W/m - 10 m	4262459727662
PipeMate 10W/m - 15 m	4262459727679
PipeMate 10W/m - 20 m	4262459727686
PipeMate 10W/m - 25 m	4262459727693
PipeMate 10W/m - 30 m	4262459727709

RoofMate – Roof & Gutter De-Icing Solution



Combat dangerous ice dams and icicles with RoofMate heating cables, designed to maintain free-flowing gutters and protect roofs from winter damage.

PERFECT FOR:

- Residential rooftops
- Commercial buildings
- Gutter & drainage systems in cold climates



- **High-Performance De-Icing:**
Prevents ice build-up on eaves, valleys, gutters, and downspouts.
- **Self-Regulating Heating:**
Delivers 20 W/m at 10°C, adjusting output as needed.
- **Robust Construction:**
UV-resistant, weatherproof design with tinned copper braid.
- **Flexible Lengths:**
Available from 2m to 50m for tailored installations.
- **Safe & Efficient:**
Simple plug-in system, no need for complex wiring.
- **Year-Round Protection:**
Designed for use on non-combustible roofs and metal structures.
- **5-Year Warranty** for peace of mind.

ORDER CODE

RoofMate 20W/m - 2 m	4262459727518
RoofMate 20W/m - 4 m	4262459727525
RoofMate 20W/m - 6 m	4262459727532
RoofMate 20W/m - 10 m	4262459727549
RoofMate 20W/m - 15 m	4262459727556
RoofMate 20W/m - 20 m	4262459727563
RoofMate 20W/m - 25 m	4262459727570
RoofMate 20W/m - 40 m	4262459727587
RoofMate 20W/m - 50 m	4262459727594
RoofMate 20W/m - 75 m	4262459727600

WHY CHOOSE WARM-ON ANTI-FREEZE SOLUTIONS?



30 YEARS OF EXPERTISE
IN ELECTRIC HEATING TECHNOLOGIES.



CERTIFIED QUALITY:
FULL COMPLIANCE WITH EU SAFETY
AND ENVIRONMENTAL STANDARDS.



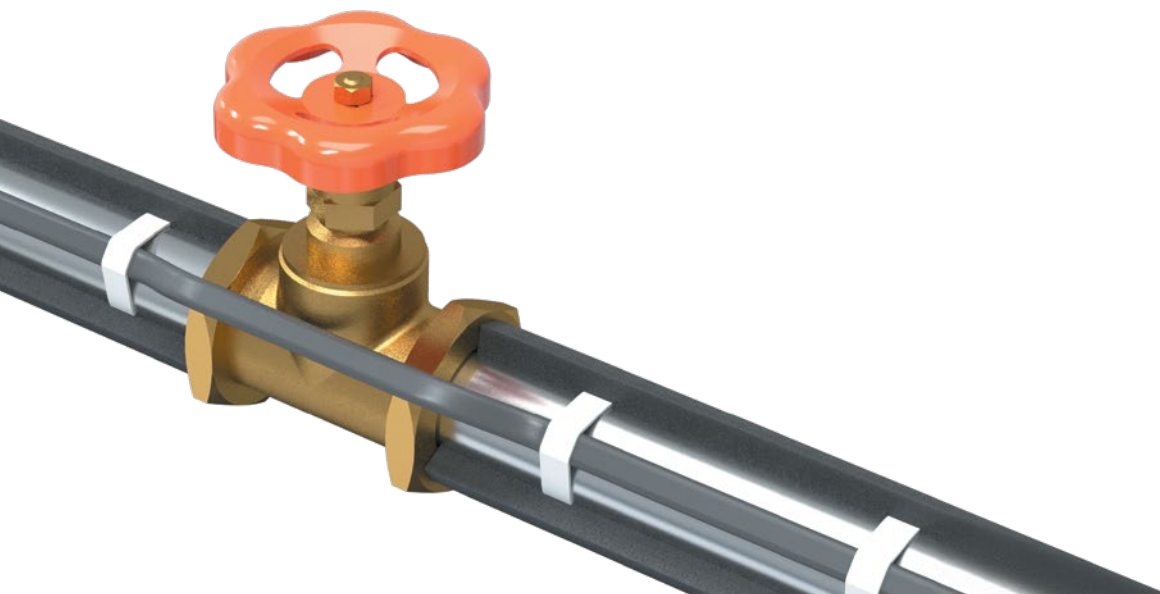
SELF-REGULATING EFFICIENCY:
SMART HEATING THAT SAVES ENERGY.

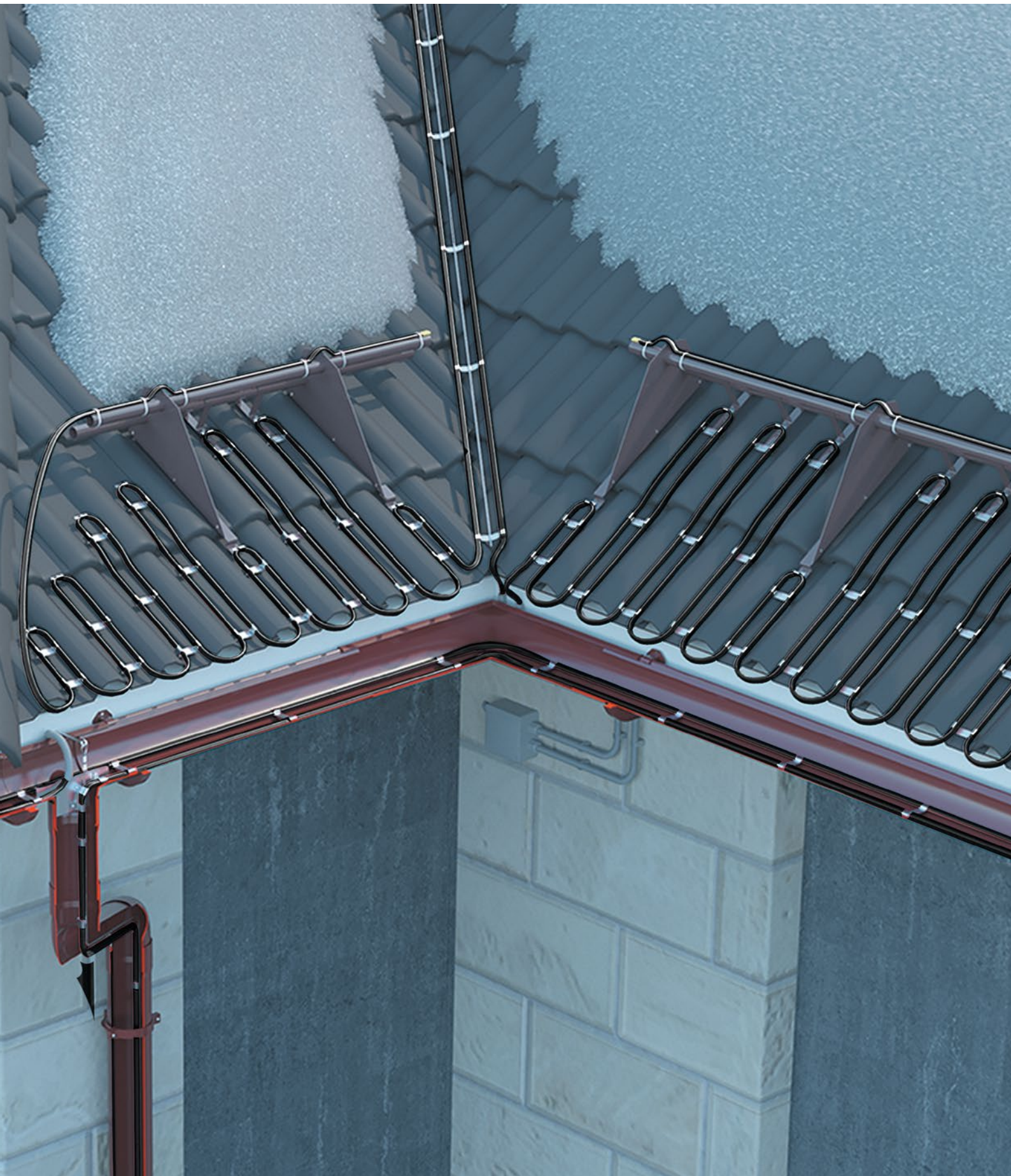


EASY, SAFE INSTALLATION:
NO SPECIAL TOOLS REQUIRED.



COMPREHENSIVE PROTECTION:
FROM PIPES TO ROOFTOPS, WE'VE
GOT WINTER HAZARDS COVERED.





WATER LEAK DETECTION & PROTECTION SYSTEMS



Stahlmann AquaPro

Smart Protection. Seamless Integration



Stahlmann AquaPro is an advanced water leak detection and prevention system that combines real-time sensing, automated shut-off, and remote management through the Tuya Smart ecosystem. Whether protecting a private home or a large industrial facility, AquaPro delivers precision, scalability, and intelligent automation to prevent costly water damage.

SYSTEM HIGHLIGHTS

- Instant leak alerts via mobile app and sound
- Automatic water shut-off options
- Scalable design — up to 400m sensor coverage per zone
- Full compatibility with Tuya Smart / Smart Life platforms
- IP66/IP67 protection for challenging environments
- Ultra-fast detection — reacts in under 3 seconds
- Suitable for both new construction and retrofit projects

Stahlmann Smart Wi-Fi Ball Valve

Smart motorized bronze ball valve for automatic water shut-off



Take your water leak protection to the next level with the upcoming **Stahlmann Wi-Fi Ball Valve** — enabling automatic and remote-controlled water shut-off.

KEY FEATURES

- Automatic water shut-off in 20 seconds
- Remote Wi-Fi control via Smart Life (Tuya)
- Premium bronze valve body (PN40)
- Operating temperature up to 120°C
- Steel gearbox with mechanical limit switches
- Automatic anti-seizure cycling
- Manual emergency override
- Real-time valve status monitoring

WHY BRONZE?

Bronze CC499K construction provides higher corrosion resistance, longer service life and superior mechanical strength compared to conventional brass valves.

TECHNICAL DATA

Sizes	1/2", 3/4", 1", 1¼"
Pressure rating	PN40
Body material	Bronze CC499K
Ball material	Chrome-plated bronze
Temperature	up to 120°C
Voltage	12 V DC
Power consumption	≤ 6 W
Torque	16 Nm
Operating time	20 ±1 sec
Protection	IP64
Connectivity	Wi-Fi 2.4 GHz
App	Smart Life (Tuya)

WARRANTY

■ 10 years



Stahlmann AquaPro WiFi Sensor

Standalone Smart Leak Detector



Compact and efficient, the AquaPro WiFi Sensor ensures immediate detection of leaks in critical household areas — without requiring a central hub.

IDEAL FOR:

- Kitchens & bathrooms
- Laundry areas
- Basements
- Around boilers & water heaters

FEATURES

- Wi-Fi 2.4GHz connectivity — manage via Tuya Smart / Smart Life app
- Leak detection in less than 3 seconds
- 80 dB adjustable alarm (High / Medium / Low / Mute)
- Battery powered (2× AAA) with low battery alerts
- Smart automation capabilities (scene linkage with other devices)
- Compact: 6.7 × 6.7 × 2.5 cm | Weight: 54g
- Operating Temp: -10°C to +55°C | Humidity: 10%–90% RH

WARRANTY

- **2 years**
- Compatible with:
RED, WEEE



TECHNICAL DATA

Voltage	DC3V (2x1.5V AAA batteries, standard one is not include battery)
Order code	4262516054052
Static current	15uA
Alarm current	200MA
Low voltage reminder	≤ 2.4V
WIFI frequency	2.4GHz
Working temperature	-10 °C ~ 55 °C
Working humidity	0% to 99% RH
Sound level	80db(within 1m)

Stahlmann AquaPro W25 WiFi Sensor

Compact WiFi Leak Detector with Remote Probe



Ultra-compact Wi-Fi leak sensor designed for concealed installations and hard-to-reach areas. The remote sensing probe detects water instantly while the main unit remains safely mounted away from moisture.

IDEAL FOR:

- Under bathtubs
- Behind washing machines
- Behind dishwashers
- Inside kitchen cabinets
- Technical shafts
- HVAC & utility equipment

FEATURES

- Wi-Fi 2.4GHz connectivity via Tuya Smart / Smart Life app
- Fast water leak detection with remote sensing probe
- 80 dB audible alarm
- Battery powered (2× AAA) with low battery alerts
- Smart automation capabilities
- Waterproof probe (IP66) for reliable operation
- Compact sensor for hidden installations

WARRANTY

- **2 years**
- Compatible with:
RED, WEEE, CE, RoHS



TECHNICAL DATA

Voltage	DC3V (2x1.5V AAA batteries, batteries not included)
Wi-Fi frequency	2.4 GHz
Alarm sound	80 dB (within 1 m)
Detection method	Remote water sensing probe
Sensor cable length	95 cm
Protection class	IP66 (probe)
Operating temperature	-10°C to +55°C
Operating humidity	10–90% RH
Dimensions	90 × 25 × 20 mm
Low battery reminder	≤2.4V

Stahlmann AquaPro System



Precision monitoring and response for critical infrastructure and commercial environments.

Coming Soon

COMPONENTS:

- Leak Detection Tape (400m max per zone)
- AquaPro HUB — 4-zone monitoring
- Industrial Control Module — RS-485 integration — with manual override & monthly rotation

FEATURES:

- Continuous linear detection with 0.5m accuracy
- IP66/IP67 rated for industrial resilience
- Chemical and mechanical resistance
- Seamless integration with Building Management Systems (BMS)
- Ideal for data centers, logistics hubs, mechanical rooms, and commercial facilities



WHY CHOOSE STAHLMANN AQUAPRO?



RAPID, PRECISE DETECTION



MODULAR SCALABILITY



SMART AUTOMATION & REMOTE CONTROL



30-YEAR INDUSTRIAL-GRADE DURABILITY



AUTOMATIC VALVE CRANKING FOR LONG-TERM RELIABILITY

**STAHLMANN AQUAPRO —
THE INTELLIGENT SOLUTION
FOR MODERN WATER
DAMAGE PREVENTION.**



Water Leak Detection & Protection Systems



warm-on.com

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Call-center: Mon-Fri from 9 to 17

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